

ENSG	name	r-value	R²-value	p-value
ENSG00000100376	FAM118A	0.936522783	0.877074922	0
ENSG00000226752	CUTALP	0.934840713	0.873927158	0
ENSG00000164308	ERAP2	0.933510058	0.871441029	0
ENSG00000124587	PEX6	0.933450947	0.87133067	0
ENSG00000013573	DDX11	0.930935157	0.866640266	0
ENSG00000226278	PSPHP1	0.930194064	0.865260997	0
ENSG00000110455	ACCS	0.927647094	0.860529132	0
ENSG00000197728	RPS26	0.926931742	0.859202454	0
ENSG00000258289	CHURC1	0.923805631	0.853416845	0
ENSG00000003137	CYP26B1	0.923789296	0.853386664	0
ENSG00000166435	XRRA1	0.923513717	0.852877585	0
ENSG00000172322	CLEC12A	0.921882455	0.849867261	0
ENSG00000074803	SLC12A1	0.919917416	0.846248053	0
ENSG00000134824	FADS2	0.917411333	0.841643553	0

ENSG0000006282	SPATA20	0.915885008	0.838845348	0
ENSG00000164307	ERAP1	0.915476202	0.838096677	0
ENSG00000251381	LINC00958	0.912349465	0.832381546	0
ENSG00000113504	SLC12A7	0.907809978	0.824118957	0
ENSG00000166796	LDHC	0.907007379	0.822662386	0
ENSG00000236624	N.A.	0.906517613	0.821774183	0
ENSG00000188056	TREML4	0.906007811	0.820850153	0
ENSG00000101307	SIRPB1	0.90596663	0.820775535	0
ENSG00000071246	VASH1	0.903214045	0.815795611	0
ENSG00000116688	MFN2	0.902101578	0.813787256	0
ENSG00000263503	MAPK8IP1P2	0.901433017	0.812581484	0
ENSG00000174652	ZNF266	0.901290102	0.812323847	0
ENSG00000171617	ENC1	0.900918537	0.81165421	0
ENSG00000214078	CPNE1	0.900552933	0.810995585	0
ENSG00000260065	N.A.	0.900399231	0.810718775	0

ENSG00000132740	IGHMBP2	0.900070219	0.810126399	0
ENSG00000139044	B4GALNT3	0.899442347	0.808996536	0
ENSG00000167528	ZNF641	0.898938498	0.808090424	0
ENSG00000225690	TREML5P	0.897587819	0.805663893	0
ENSG00000130202	NECTIN2	0.897065623	0.804726733	0
ENSG00000117115	PADI2	0.89243402	0.79643848	0
ENSG00000245954	LINC02273	0.892321021	0.796236805	0
ENSG00000059122	FLYWCH1	0.891290625	0.794398977	0
ENSG00000183172	SMDT1	0.890388298	0.792791321	0
ENSG00000071894	CPSF1	0.889061844	0.790430962	0
ENSG00000203875	SNHG5	0.8888526	0.790058944	0
ENSG00000155957	TMBIM4	0.887870421	0.788313884	0
ENSG00000145730	PAM	0.887540264	0.78772772	0
ENSG00000167553	TUBA1C	0.88737112	0.787427504	0
ENSG00000259235	AC066612.1	0.887313796	0.787325773	0

ENSG00000184106	TREML3P	0.886576301	0.786017538	0
ENSG00000168903	BTNL3	0.886432522	0.785762616	0
ENSG00000196735	HLA-DQA1	0.886162617	0.785284184	0
ENSG00000160781	PAQR6	0.885967129	0.784937753	0
ENSG00000183844	FAM3B	0.88591428	0.784844111	0
ENSG00000007129	CEACAM21	0.885618643	0.784320382	0
ENSG00000233429	HOTAIRM1	0.885516917	0.784140211	0
ENSG00000198468	FLVCR1-DT	0.88500375	0.783231638	0
ENSG00000270127	AC027020.2	0.882907285	0.779525273	0
ENSG00000141560	FN3KRP	0.882228077	0.778326379	0
ENSG00000127946	HIP1	0.881833761	0.777630782	0
ENSG00000141698	NT5C3B	0.879622807	0.773736282	0
ENSG00000186470	BTN3A2	0.879398164	0.773341131	0
ENSG00000214087	ARL16	0.87899915	0.772639505	0
ENSG00000123838	C4BPA	0.878970222	0.772588651	0

ENSG00000176393	RNPEP	0.878790686	0.772273069	0
ENSG00000220267	ACTBP8	0.87826257	0.771345141	0
ENSG00000167034	NKX3-1	0.878116881	0.771089256	0
ENSG00000262539	AC005829.2	0.875947968	0.767284843	0
ENSG00000239736	CEACAMP3	0.875234911	0.766036149	0
ENSG00000198715	GLMP	0.875113445	0.765823542	0
ENSG00000111788	AC009533.1	0.874874817	0.765405946	0
ENSG00000166436	TRIM66	0.874829722	0.765327043	0
ENSG00000225138	SLC9A3-AS1	0.874727488	0.765148178	0
ENSG00000173801	JUP	0.874660683	0.76503131	0
ENSG00000145214	DGKQ	0.874508275	0.764764722	0
ENSG00000113303	BTNL8	0.872024531	0.760426782	0
ENSG00000121716	PILRB	0.870896269	0.758460312	0
ENSG00000135778	NTPCR	0.870263318	0.757358242	0
ENSG00000198952	SMG5	0.870139016	0.757141907	0

ENSG0000026297	RNASET2	0.869819823	0.756586524	0
ENSG00000142794	NBPF3	0.869746454	0.756458895	0
ENSG00000135953	MFSD9	0.869355466	0.755778926	0
ENSG00000234426	AL139042.1	0.8690951	0.755326293	0
ENSG00000002933	TMEM176A	0.86899581	0.755153718	0
ENSG00000005020	SKAP2	0.866558633	0.750923865	0
ENSG00000106565	TMEM176B	0.866165552	0.750242764	0
ENSG00000196526	AFAP1	0.865926852	0.749829313	0
ENSG00000178952	TUFM	0.865593933	0.749252857	0
ENSG00000196756	SNHG17	0.864706159	0.747716741	0
ENSG00000131238	PPT1	0.864438703	0.747254271	0
ENSG00000196743	GM2A	0.863918278	0.74635479	0
ENSG00000106772	PRUNE2	0.863787879	0.746129501	0
ENSG00000144115	THNSL2	0.863701793	0.745980787	0
ENSG00000172057	ORMDL3	0.863005047	0.744777712	0

ENSG00000204792	LINC01291	0.862989969	0.744751687	0
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ENSG00000170448	NFXL1	0.861789637	0.742681378	0
ENSG00000106733	NMRK1	0.861475878	0.742140689	0
ENSG00000196209	SIRPB2	0.861257598	0.74176465	0
ENSG00000214401	KANSL1-AS1	0.861011752	0.741341238	0
ENSG00000078114	NEBL	0.860940314	0.741218225	0
ENSG00000140400	MAN2C1	0.860822594	0.741015539	0
ENSG00000116299	ELAPOR1	0.860723303	0.740844604	0
ENSG00000185736	ADARB2	0.859993081	0.739588099	0
ENSG00000168874	ATOH8	0.859667293	0.739027854	0
ENSG00000036448	MYOM2	0.859614447	0.738936997	0
ENSG00000111671	SPSB2	0.859497383	0.738735751	0
ENSG00000177697	CD151	0.859306293	0.738407306	0
ENSG00000124588	NQO2	0.859138879	0.738119613	0

ENSG00000133392	MYH11	0.859101076	0.738054659	0
ENSG00000179344	HLA-DQB1	0.857205914	0.734801979	0
ENSG00000268362	AC092279.1	0.857113975	0.734644366	0
ENSG00000137106	GRHPR	0.857089362	0.734602175	0
ENSG00000100079	LGALS2	0.857077184	0.734581299	0
ENSG00000166847	DCTN5	0.855802782	0.732398401	0
ENSG00000160305	DIP2A	0.85548648	0.731857117	0
ENSG00000160963	COL26A1	0.854690804	0.73049637	0
ENSG00000267174	AC011472.2	0.854367257	0.72994341	0
ENSG00000134202	GSTM3	0.853978708	0.729279634	0
ENSG00000090382	LYZ	0.853884055	0.72911798	0
ENSG00000146707	POMZP3	0.853856379	0.729070717	0
ENSG00000073605	GSDMB	0.853060759	0.727712659	0
ENSG00000138801	PAPSS1	0.853009212	0.727624716	0
ENSG00000138744	NAAA	0.851578498	0.725185937	0

ENSG00000248905	FMN1	0.85120345	0.724547313	0
ENSG00000149591	TAGLN	0.851009473	0.724217123	0
ENSG00000218510	LINC00339	0.850871215	0.723981824	0
ENSG00000132681	ATP1A4	0.850651825	0.723608528	0
ENSG00000236397	DDX11L2	0.849517775	0.72168045	0
ENSG00000180767	CHST13	0.849454555	0.721573041	0
ENSG00000128973	CLN6	0.849370469	0.721430194	0
ENSG00000182871	COL18A1	0.84814616	0.719351908	0
ENSG00000236682	MAP3K2-DT	0.847774548	0.718721683	0
ENSG00000243566	UPK3B	0.84717777	0.717710174	0
ENSG00000110237	ARHGEF17	0.846504655	0.71657013	0
ENSG00000256660	CLEC12B	0.845599357	0.715038272	0
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ENSG00000102575	ACP5	0.844801479	0.71368954	0
ENSG00000223745	CCDC18-AS1	0.844604594	0.71335692	0

ENSG00000140092	FBLN5	0.844249448	0.712757131	0
ENSG00000204001	LCN8	0.843815982	0.712025412	0
ENSG00000147813	NAPRT	0.842899932	0.710480296	0
ENSG00000100994	PYGB	0.842885437	0.71045586	0
ENSG00000117226	GBP3	0.842412226	0.709658358	0
ENSG00000160200	CBS	0.842276566	0.709429814	0
ENSG00000263335	AF001548.2	0.841657148	0.708386755	0
ENSG00000179750	APOBEC3B	0.841138706	0.707514322	0
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ENSG00000183092	BEGAIN	0.840241697	0.706006109	0
ENSG00000255860	AP000812.2	0.839834354	0.705321743	0
ENSG00000063761	ADCK1	0.83977485	0.705221799	0
ENSG00000143847	PPFIA4	0.83968508	0.705071034	0
ENSG00000183386	FHL3	0.839497324	0.704755757	0
ENSG00000149403	GRIK4	0.839478569	0.704724269	0

ENSG00000168824	NSG1	0.839337215	0.70448696	0
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ENSG00000264070	DND1P1	0.838898981	0.7037515	0
ENSG00000164048	ZNF589	0.838845423	0.703661644	0
ENSG00000158525	CPA5	0.838781401	0.703554239	0
ENSG00000184292	TACSTD2	0.838408743	0.70292922	0
ENSG00000084072	PPIE	0.838395256	0.702906606	0
ENSG00000237945	LINC00649	0.83748342	0.701378479	0
ENSG00000133687	TMTC1	0.836576774	0.699860699	0
ENSG00000123219	CENPK	0.834864871	0.696999353	0
ENSG00000112139	MDGA1	0.834664718	0.696665191	0
ENSG00000152672	CLEC4F	0.834461112	0.696325348	0
ENSG00000185043	CIB1	0.83303669	0.693950127	0
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ENSG00000228668	TRGV5P	0.832420975	0.69292468	0

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ENSG00000197355	UAP1L1	0.830949816	0.690477597	0
ENSG00000227242	AC244394.2	0.830910004	0.690411435	0
ENSG00000254682	AP002387.1	0.830868642	0.690342701	0
ENSG00000185324	CDK10	0.830302543	0.689402313	0
ENSG00000129295	LRR6	0.829933274	0.688789239	0
ENSG00000197119	SLC25A29	0.828843606	0.686981724	0
ENSG00000240356	RPL23AP7	0.828176357	0.685876079	0
ENSG00000187624	C17orf97	0.827636385	0.684981986	0
ENSG00000218537	MIF-AS1	0.827175427	0.684219187	0
ENSG00000232629	HLA-DQB2	0.827114665	0.684118669	0
ENSG00000167207	NOD2	0.825914915	0.682135446	0
ENSG00000160310	PRMT2	0.825436106	0.681344765	0
ENSG00000139192	TAPBPL	0.825287597	0.681099618	0
ENSG00000125124	BBS2	0.824378107	0.679599263	0

ENSG00000149256	TENM4	0.823426052	0.678030462	0
ENSG00000197146	N.A.	0.822711724	0.676854581	0
ENSG00000100109	TFIP11	0.82238081	0.676310197	0
ENSG00000089169	RPH3A	0.821935782	0.67557843	0
ENSG00000011485	PPP5C	0.821545067	0.674936297	0
ENSG00000110628	SLC22A18	0.821486006	0.674839258	0
ENSG00000066230	SLC9A3	0.820197615	0.672724128	0
ENSG00000188000	OR7D2	0.819784301	0.672046299	0
ENSG00000215190	LINC00680	0.819607811	0.671756964	0
ENSG00000259065	AC005520.2	0.819256015	0.671180417	0
ENSG00000130177	CDC16	0.819104765	0.670932617	0
ENSG00000168385	SEPTIN2	0.818017215	0.669152163	0
ENSG00000196421	C20orf204	0.817893297	0.668949446	0
ENSG00000211753	TRBV28	0.817859686	0.668894466	0
ENSG00000162877	PM20D1	0.817820196	0.668829872	0

ENSG00000261222	AC064805.1	0.816901321	0.667327769	0
ENSG00000234719	NPIPB2	0.816804211	0.667169119	0
ENSG00000256049	N.A.	0.816503208	0.666677489	0
ENSG00000254521	SIGLEC12	0.816070109	0.665970423	0
ENSG00000227920	AL353597.1	0.815774161	0.665487481	0
ENSG00000146833	TRIM4	0.815479036	0.665006058	0
ENSG00000096696	DSP	0.815023769	0.664263744	0
ENSG00000131797	CLUHP3	0.814952107	0.664146937	0
ENSG00000168765	GSTM4	0.814270157	0.663035888	0
ENSG00000260135	MMP2-AS1	0.813930326	0.662482575	0
ENSG00000111450	STX2	0.813836402	0.66232969	0
ENSG00000160307	S100B	0.812549611	0.660236871	0
ENSG00000177042	TMEM80	0.812434877	0.66005043	0
ENSG00000128283	CDC42EP1	0.812182461	0.65964035	0
ENSG00000145390	USP53	0.810955096	0.657648168	0

ENSG00000204110	LINC02520	0.809634149	0.655507455	0
ENSG00000255422	AP002954.1	0.809575542	0.655412558	0
ENSG00000141252	VPS53	0.809430415	0.655177596	0
ENSG00000111696	NT5DC3	0.809234256	0.654860082	0
ENSG00000108405	P2RX1	0.808983326	0.654454021	0
ENSG00000131401	NAPSB	0.808719677	0.654027515	0
ENSG00000089177	KIF16B	0.808375133	0.653470356	0
ENSG00000250081	AC025176.1	0.808319776	0.653380861	0
ENSG00000124780	KCNK17	0.807920598	0.652735693	0
ENSG00000139899	CBLN3	0.807791551	0.65252719	0
ENSG00000182534	MXRA7	0.807412481	0.651914914	0
ENSG00000038002	AGA	0.807117052	0.651437935	0
ENSG00000268555	AC123912.4	0.807112732	0.651430963	0
ENSG00000035115	SH3YL1	0.807089152	0.6513929	0
ENSG00000100034	PPM1F	0.806844516	0.650998073	0

ENSG00000112299	VNN1	0.806392014	0.65026808	0
ENSG00000164251	F2RL1	0.806343661	0.650190099	0
ENSG00000213462	ERV3-1	0.806156353	0.649888065	0
ENSG00000165171	METTL27	0.804995151	0.648017193	0
ENSG00000170866	N.A.	0.802852177	0.644571618	0
ENSG00000234389	AC007278.1	0.802343531	0.643755141	0
ENSG00000117595	IRF6	0.802208074	0.643537794	0
ENSG00000149577	SIDT2	0.80179433	0.642874148	0
ENSG00000186193	SAPCD2	0.801554849	0.642490175	0
ENSG00000167608	TMC4	0.800482334	0.640771967	0
ENSG00000236935	AP003774.2	0.80039781	0.640636655	0
ENSG00000187010	RHD	0.800157346	0.640251779	0
ENSG00000235231	N.A.	0.799761293	0.639618126	0
ENSG00000205464	ATP6AP1L	0.799587372	0.639339966	0
ENSG00000204711	C9orf135	0.799415728	0.639065507	0

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ENSG00000214826	DDX12P	0.799266783	0.638827391	0
ENSG00000154319	FAM167A	0.79815151	0.637045832	0
ENSG00000162069	BICDL2	0.797954204	0.636730911	0
ENSG00000248538	AC022784.1	0.797813158	0.636505835	0
ENSG00000158865	SLC5A11	0.797603482	0.636171315	0
ENSG00000072694	FCGR2B	0.797354802	0.63577468	0
ENSG00000184385	UMODL1-AS1	0.79716598	0.6354736	0
ENSG00000261584	AL513548.1	0.796862755	0.634990251	0
ENSG00000165730	STOX1	0.796751957	0.634813681	0
ENSG00000107796	ACTA2	0.795952322	0.633540099	0
ENSG00000242086	MUC20-OT1	0.795922323	0.633492344	0
ENSG00000109861	CTSC	0.795037133	0.632084042	0
ENSG00000162598	C1orf87	0.794983823	0.631999279	0
ENSG00000092036	HAUS4	0.794373849	0.631029811	0

ENSG00000160410	SHKBP1	0.794277254	0.630876356	0
ENSG00000107731	UNC5B	0.794230813	0.630802585	0
ENSG00000262580	AC087741.1	0.793955922	0.630366006	0
ENSG00000004809	SLC22A16	0.793741627	0.63002577	0
ENSG00000127952	STYXL1	0.793594094	0.629791586	0
ENSG00000157322	CLEC18A	0.793548337	0.629718964	0
ENSG00000235169	SMIM1	0.792364444	0.627841412	0
ENSG00000198756	COLGALT2	0.792188615	0.627562802	0
ENSG00000244879	GABPB1-AS1	0.791175622	0.625958865	0
ENSG00000239335	LLPH-DT	0.791153713	0.625924198	0
ENSG00000172543	CTSW	0.791080658	0.625808607	0
ENSG00000241015	TPM3P9	0.789799734	0.623783619	0
ENSG00000248275	TRIM52-AS1	0.789501855	0.62331318	0
ENSG00000106153	CHCHD2	0.78922024	0.622868587	0
ENSG00000177406	NINJ2-AS1	0.789148653	0.622755597	0

ENSG00000170153	RNF150	0.789067851	0.622628074	0
ENSG00000184674	N.A.	0.788994683	0.62251261	0
ENSG00000153157	SYCP2L	0.788927309	0.622406299	0
ENSG00000261015	N.A.	0.788843261	0.62227369	0
ENSG00000163993	S100P	0.788642443	0.621956904	0
ENSG00000178381	ZFAND2A	0.787579898	0.620282096	0
ENSG00000136099	PCDH8	0.786964942	0.619313819	0
ENSG00000167280	ENGASE	0.786895583	0.619204658	0
ENSG00000189337	KAZN	0.783499547	0.61387154	0
ENSG00000030110	BAK1	0.783251663	0.613483168	0
ENSG00000156110	ADK	0.783224539	0.613440678	0
ENSG00000149084	HSD17B12	0.782801781	0.612778629	0
ENSG00000249476	AC008467.1	0.782767193	0.612724478	0
ENSG00000251301	LINC02384	0.782701552	0.612621719	0
ENSG00000225231	LINC02470	0.782447807	0.61222457	0

ENSG00000115607	IL18RAP	0.781948276	0.611443107	0
ENSG00000161533	ACOX1	0.781514392	0.610764745	0
ENSG00000125637	PSD4	0.781181809	0.610245018	0
ENSG00000173209	AHSA2P	0.781180199	0.610242504	0
ENSG00000163597	SNHG16	0.781066483	0.61006485	0
ENSG00000254851	AP005018.2	0.780768009	0.609598684	0
ENSG00000185619	PCGF3	0.780626263	0.609377363	0
ENSG00000141295	SCRN2	0.780520807	0.609212731	0
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ENSG00000173917	HOXB2	0.778887434	0.606665635	0
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ENSG00000129354	AP1M2	0.777997535	0.605280165	0
ENSG00000100299	ARSA	0.777788819	0.604955447	0
ENSG00000176974	SHMT1	0.777155484	0.603970647	0

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ENSG00000164978	NUDT2	0.776782998	0.603391826	0
ENSG00000130332	LSM7	0.776706692	0.603273286	0
ENSG00000100979	PLTP	0.776578129	0.603073591	0
ENSG00000160284	SPATC1L	0.775850813	0.601944484	0
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ENSG00000170430	MGMT	0.775551989	0.601480888	0
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ENSG00000256875	AC079031.2	0.77430494	0.59954814	0
ENSG00000261000	AC244034.2	0.774200275	0.599386065	0
ENSG00000167766	ZNF83	0.773944975	0.598990824	0
ENSG00000261338	AC021016.1	0.773929762	0.598967277	0
ENSG00000234585	CCT6P3	0.773694066	0.598602507	0
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ENSG00000211745	TRBV4-2	0.77327245	0.597950283	0
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ENSG00000165548	TMEM63C	0.772372644	0.596559501	0
ENSG00000072864	NDE1	0.772253943	0.596376152	0
ENSG00000254184	N.A.	0.77197389	0.595943687	0
ENSG00000170486	KRT72	0.771773451	0.59563426	0
ENSG00000118785	SPP1	0.771328013	0.594946904	0
ENSG00000116791	CRYZ	0.771290959	0.594889744	0
ENSG00000007047	MARK4	0.77060291	0.593828844	0
ENSG00000105499	PLA2G4C	0.770409101	0.593530184	0
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ENSG00000065060	UHRF1BP1	0.769841784	0.592656372	0
ENSG00000197013	ZNF429	0.769731989	0.592487335	0
ENSG00000188037	CLCN1	0.769662937	0.592381037	0

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ENSG00000196352	CD55	0.768009812	0.589839072	0
ENSG00000237254	TRBV30	0.767486692	0.589035822	0
ENSG00000211698	TRGV4	0.767380659	0.588873075	0
ENSG00000160439	RDH13	0.767353602	0.58883155	0
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ENSG00000154134	ROBO3	0.766601208	0.587677412	0
ENSG00000131634	TMEM204	0.766126721	0.586950153	0
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ENSG00000211697	TRGV5	0.764999443	0.585224147	0
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ENSG00000198178	CLEC4C	0.764822522	0.584953489	0
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ENSG00000256612	CYP2B7P	0.763661844	0.583179412	0
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ENSG00000242498	ARPIN	0.761680516	0.580157209	0
ENSG00000140471	LINS1	0.760797225	0.578812418	0
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ENSG00000143318	CASQ1	0.760450599	0.578285113	0
ENSG00000110665	C11orf21	0.760266615	0.578005326	0
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ENSG00000189223	PAX8-AS1	0.759290239	0.576521666	0
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ENSG00000116857	TMEM9	0.758669124	0.57557884	0
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ENSG00000110074	FOXRED1	0.756828887	0.572789964	0
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ENSG00000189269	DRICH1	0.756615933	0.57246767	0
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ENSG00000189182	KRT77	0.754006191	0.568525336	0
ENSG00000069188	SDK2	0.753931406	0.568412564	0
ENSG00000204345	CD300LD	0.753729904	0.568108768	0
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ENSG00000229153	EPHA1-AS1	0.751960166	0.565444091	0
ENSG00000165752	STK32C	0.751804333	0.565209755	0
ENSG00000100350	FOXRED2	0.751540317	0.564812849	0
ENSG00000211553	N.A.	0.751472132	0.564710365	0
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ENSG00000226328	NUP50-DT	0.751064634	0.564098085	0
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ENSG00000225282	AP000350.2	0.7505611	0.563341965	0
ENSG00000154330	PGM5	0.750459694	0.563189752	0
ENSG00000226806	LCT-AS1	0.750188885	0.562783363	0
ENSG00000135205	CCDC146	0.750079153	0.562618735	0
ENSG00000173272	MZT2A	0.749839551	0.562259352	0
ENSG00000127377	CRYGN	0.74974787	0.562121868	0
ENSG00000143297	FCRL5	0.749576924	0.561865565	0
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ENSG00000171860	C3AR1	0.748834928	0.560753749	0
ENSG00000268433	MTDHP3	0.748389307	0.560086554	0
ENSG00000148484	RSU1	0.748386534	0.560082404	0
ENSG00000218422	N.A.	0.748070396	0.559609318	0

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ENSG00000153113	CAST	0.746805714	0.557718774	0
ENSG00000163485	ADORA1	0.746125982	0.55670398	0
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ENSG00000092758	COL9A3	0.746008749	0.556529053	0
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ENSG00000151552	QDPR	0.745079077	0.555142831	0
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ENSG00000237541	HLA-DQA2	0.744804739	0.554734099	0
ENSG00000144559	TAMM41	0.744649906	0.554503483	0

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ENSG00000067836	ROGDI	0.743205546	0.552354484	0
ENSG00000243679	AC018638.5	0.742984417	0.552025844	0
ENSG00000230715	AC018638.2	0.742764467	0.551699053	0
ENSG00000204839	MROH6	0.742251774	0.550937697	0
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ENSG00000182013	PNMA8A	0.742066949	0.550663357	0
ENSG00000257176	AC009318.1	0.741972651	0.550523415	0
ENSG00000240344	PPIL3	0.741858023	0.550353327	0
ENSG00000233622	CYP2T1P	0.741823109	0.550301524	0
ENSG00000122678	POLM	0.741457704	0.549759527	0
ENSG00000125247	TMTC4	0.741452624	0.549751994	0

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ENSG00000159904	ZNF890P	0.740490945	0.548326839	0
ENSG00000246228	CASC8	0.740270055	0.547999754	0
ENSG00000211707	TRBV7-1	0.739924632	0.547488461	0
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ENSG00000146426	TIAM2	0.739410737	0.546728237	0
ENSG00000124570	SERPINB6	0.738453181	0.545313101	0
ENSG00000158748	HTR6	0.738409561	0.54524868	0
ENSG00000131242	RAB11FIP4	0.737895792	0.544490199	0
ENSG00000229043	ZFAND2A-DT	0.737859303	0.54443635	0
ENSG00000171680	PLEKHG5	0.737855082	0.544430122	0

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ENSG00000180953	ST20	0.735596571	0.541102315	0
ENSG00000198933	TBKBP1	0.735441459	0.540874139	0
ENSG00000079337	RAPGEF3	0.734882111	0.540051718	0
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ENSG00000226002	GTF2IP14	0.734818619	0.539958403	0
ENSG00000119139	TJP2	0.734494506	0.539482179	0
ENSG00000126246	IGFLR1	0.734438412	0.539399781	0
ENSG00000163576	EFHB	0.734170448	0.539006246	0

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ENSG0000019169	MARCO	0.733565884	0.538118906	0
ENSG00000177951	BET1L	0.733537038	0.538076587	0
ENSG00000079691	CARMIL1	0.73347537	0.537986118	0
ENSG00000197147	LRRC8B	0.733359296	0.537815856	0
ENSG00000197465	GYPE	0.733351101	0.537803837	0
ENSG00000197226	TBC1D9B	0.733286443	0.537709007	0
ENSG00000259715	AC022087.1	0.733028876	0.537331333	0
ENSG00000214435	AS3MT	0.732774998	0.536959197	0
ENSG00000145476	CYP4V2	0.732653468	0.536781104	0
ENSG00000183665	TRMT12	0.732534309	0.536606514	0
ENSG00000120675	DNAJC15	0.732500745	0.536557342	0
ENSG00000064687	ABCA7	0.732345816	0.536330395	0
ENSG00000169131	ZNF354A	0.732265498	0.536212759	0
ENSG00000197766	CFD	0.731999095	0.535822675	0

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ENSG00000113971	NPHP3	0.731541835	0.535153456	0
ENSG00000172803	SNX32	0.731257863	0.534738063	0
ENSG00000183726	TMEM50A	0.731147098	0.534576079	0
ENSG00000204084	INPP5B	0.731027766	0.534401595	0
ENSG00000231345	BEND3P1	0.730747682	0.533992174	0
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ENSG00000072401	UBE2D1	0.730061148	0.53298928	0
ENSG00000158555	GDPD5	0.729951127	0.532828648	0
ENSG00000260973	AC009021.2	0.729831576	0.53265413	0
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ENSG00000204584	AC027801.1	0.729227271	0.531772412	0
ENSG00000148814	LRRC27	0.728905319	0.531302964	0
ENSG00000158825	CDA	0.728761871	0.531093865	0
ENSG00000130590	SAMD10	0.728711453	0.531020382	0

ENSG00000140450	ARRDC4	0.728646139	0.530925196	0
ENSG00000230606	AC092683.1	0.728618463	0.530884864	0
ENSG00000198121	LPAR1	0.727981822	0.529957533	0
ENSG00000166387	PPFIBP2	0.727954666	0.529917995	0
ENSG00000160113	NR2F6	0.727207975	0.528831438	0
ENSG00000186468	RPS23	0.726928858	0.528425564	0
ENSG00000131849	ZNF132	0.726913743	0.528403589	0
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ENSG00000175164	ABO	0.726523114	0.527835835	0
ENSG00000120645	IQSEC3	0.725614678	0.526516661	0
ENSG00000182230	FAM153B	0.725014912	0.525646622	0
ENSG00000101188	NTSR1	0.724677624	0.525157659	0
ENSG00000008516	MMP25	0.724268092	0.52456427	0
ENSG00000122674	CCZ1	0.723945527	0.524097126	0
ENSG00000169087	HSPBAP1	0.723749799	0.523813772	0

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ENSG00000175985	PLEKHD1	0.722568782	0.522105645	0
ENSG00000176148	TCP11L1	0.722520624	0.522036052	0
ENSG00000163945	UVSSA	0.722494676	0.521998557	0
ENSG00000127507	ADGRE2	0.722292145	0.521705943	0
ENSG00000077782	FGFR1	0.721749013	0.520921637	0
ENSG00000250155	AC008957.1	0.72171854	0.520877651	0
ENSG00000129422	MTUS1	0.721105665	0.519993379	0
ENSG00000112303	VNN2	0.721063277	0.519932249	0
ENSG00000261613	AC093525.6	0.720772657	0.519513224	0
ENSG00000104731	KLHDC4	0.720130104	0.518587366	0
ENSG00000025772	TOMM34	0.719906149	0.518264863	0
ENSG00000099977	DDT	0.719649309	0.517895128	0
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ENSG00000165682	CLEC1B	0.719280279	0.517364119	0
ENSG00000128944	KNSTRN	0.719163904	0.517196721	0
ENSG00000107263	RAPGEF1	0.719129586	0.517147361	0
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ENSG00000115687	PASK	0.718650014	0.516457843	0
ENSG00000130518	IQCIN	0.718630913	0.516430388	0
ENSG00000120539	MASTL	0.718420521	0.516128045	0
ENSG00000108244	KRT23	0.718297737	0.515951639	0
ENSG00000022556	NLRP2	0.718293535	0.515945602	0
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ENSG00000157823	AP3S2	0.717784867	0.515215116	0
ENSG00000109047	RCVRN	0.717720427	0.515122611	0
ENSG00000100197	CYP2D6	0.717700821	0.515094468	0

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ENSG00000066468	FGFR2	0.716959061	0.514030295	0
ENSG00000100321	SYNGR1	0.716629624	0.513558018	0
ENSG00000160226	CFAP410	0.716277416	0.513053337	0
ENSG00000201784	N.A.	0.71626978	0.513042398	0
ENSG00000196126	HLA-DRB1	0.716114292	0.512819679	0
ENSG00000104783	KCNN4	0.715699778	0.512226173	0
ENSG00000173226	IQCB1	0.714572444	0.510613778	0
ENSG00000174080	CTSF	0.714107995	0.509950229	0
ENSG00000228506	AL513550.1	0.71409511	0.509931826	0
ENSG00000253616	AC107959.3	0.714043726	0.509858443	0
ENSG00000106077	ABHD11	0.71397464	0.509759787	0
ENSG00000136449	MYCBPAP	0.713940154	0.509710543	0
ENSG00000196204	RNF216P1	0.713649295	0.509295316	0
ENSG00000068097	HEATR6	0.713364722	0.508889226	0

ENSG00000160766	GBAP1	0.713151312	0.508584793	0
ENSG00000143185	XCL2	0.713121335	0.508542038	0
ENSG00000127954	STEAP4	0.713053757	0.50844566	0
ENSG00000160285	LSS	0.712637855	0.507852713	0
ENSG00000070526	ST6GALNAC1	0.712097911	0.507083434	0
ENSG00000211710	TRBV4-1	0.711892229	0.506790546	0
ENSG00000144283	PKP4	0.711862141	0.506747708	0
ENSG00000116983	HPCAL4	0.711846122	0.506724902	0
ENSG00000168961	LGALS9	0.711633043	0.506421588	0
ENSG00000139190	VAMP1	0.711630877	0.506418505	0
ENSG00000128731	HERC2	0.711628465	0.506415073	0
ENSG00000137968	SLC44A5	0.711493767	0.50622338	0
ENSG00000141028	CDRT15P1	0.711047704	0.505588838	0
ENSG00000176473	WDR25	0.710923907	0.505412801	0
ENSG00000254614	AP003068.2	0.710867712	0.505332904	0

ENSG00000138030	KHK	0.710795987	0.505230936	0
ENSG00000143198	MGST3	0.71064794	0.505020495	0
ENSG00000247903	AC024896.1	0.710547801	0.504878177	0
ENSG00000008018	PSMB1	0.710293615	0.504517019	0
ENSG00000052749	RRP12	0.709683706	0.503650962	0
ENSG00000248810	LINC02432	0.709680059	0.503645786	0
ENSG00000241157	RPL32P32	0.709610608	0.503547215	0
ENSG00000070371	CLTCL1	0.709273831	0.503069368	0
ENSG00000155393	HEATR3	0.709189824	0.502950207	0
ENSG00000169738	DCXR	0.709143356	0.502884299	0
ENSG00000144815	NXPE3	0.708720167	0.502284275	0
ENSG00000136144	RCBTB1	0.708637453	0.50216704	0
ENSG00000151640	DPYSL4	0.708255923	0.501626452	0
ENSG00000117597	UTP25	0.708169556	0.501504119	0
ENSG00000267452	LINC02073	0.708154025	0.501482123	0

ENSG00000101751	POLI	0.707929549	0.501164246	0
ENSG00000223891	OSER1-DT	0.707839917	0.501037348	0
ENSG00000083444	PLOD1	0.707489812	0.500541834	0
ENSG00000162836	ACP6	0.707196607	0.500127041	0
ENSG00000100151	PICK1	0.706816218	0.499589165	0
ENSG00000253210	AC040970.1	0.706589215	0.499268319	0
ENSG00000078269	SYNJ2	0.706437051	0.499053307	0
ENSG00000221957	KIR2DS4	0.706052876	0.498510664	0
ENSG00000240972	MIF	0.705758261	0.498094723	0
ENSG00000143387	CTSK	0.705530406	0.497773154	0
ENSG00000164144	ARFIP1	0.705529409	0.497771747	0
ENSG00000231793	DOC2GP	0.705492092	0.497719091	0
ENSG00000242349	N.A.	0.705318693	0.497474459	0
ENSG00000037474	NSUN2	0.704471583	0.496280211	0
ENSG00000240875	LINC00886	0.704323828	0.496072055	0

ENSG00000263753	LINC00667	0.704121769	0.495787465	0
ENSG00000136250	AOAH	0.703978283	0.495585422	0
ENSG00000107771	CCSER2	0.703863754	0.495424184	0
ENSG00000180817	PPA1	0.703615706	0.495075062	0
ENSG00000101057	MYBL2	0.703404421	0.49477778	0
ENSG00000233355	CHRM3-AS2	0.703391092	0.494759029	0
ENSG00000214530	STARD10	0.703052	0.494282115	0
ENSG00000125450	NUP85	0.702692817	0.493777195	0
ENSG00000114544	SLC41A3	0.702613037	0.493665079	0
ENSG00000151715	TMEM45B	0.702196847	0.493080412	0
ENSG00000075826	SEC31B	0.7017245	0.492417274	0
ENSG00000204020	LIPN	0.701581075	0.492216004	0
ENSG00000041515	MYO16	0.701418779	0.491988304	0
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ENSG00000260997	AC004847.1	0.701206364	0.491690365	0

ENSG00000144026	ZNF514	0.701123894	0.491574714	0
ENSG00000076067	RBMS2	0.70104162	0.491459353	0
ENSG00000259845	HERC2P10	0.700927014	0.491298679	0
ENSG00000139344	AMDHD1	0.700845761	0.491184781	0
ENSG00000196653	ZNF502	0.700677023	0.490948291	0
ENSG00000103723	AP3B2	0.700547169	0.490766335	0
ENSG00000255284	AP006621.3	0.700431573	0.490604388	0
ENSG00000250673	REELD1	0.700152562	0.49021361	0
ENSG00000157168	NRG1	0.700103849	0.4901454	0
ENSG00000071967	CYBRD1	0.70006651	0.490093118	0
ENSG00000224635	AL391095.1	0.699776814	0.489687589	0
ENSG00000158717	RNF166	0.69970899	0.48959267	0
ENSG00000188820	CALHM6	0.699449981	0.489230276	0
ENSG00000104763	ASAH1	0.699441786	0.489218812	0
ENSG00000223553	SMPD4P1	0.699353071	0.489094718	0

ENSG00000237943	PRKCQ-AS1	0.699246281	0.488945362	0
ENSG00000173566	N.A.	0.699224274	0.488914585	0
ENSG00000099338	CATSPERG	0.69889201	0.488450041	0
ENSG00000101197	BIRC7	0.698365928	0.487714969	0
ENSG00000171916	LGALS9C	0.698167045	0.487437222	0
ENSG00000115107	STEAP3	0.698146839	0.487409008	0
ENSG00000174194	N.A.	0.698009618	0.487217427	0
ENSG00000128928	IVD	0.69792198	0.48709509	0
ENSG00000116198	CEP104	0.697762785	0.486872904	0
ENSG00000189060	H1-0	0.697319349	0.486254275	0
ENSG00000104361	NIPAL2	0.697259157	0.486170332	0
ENSG00000177570	SAMD12	0.696954836	0.485746044	0
ENSG00000103811	CTSH	0.696591569	0.485239814	0
ENSG00000105509	HAS1	0.696572195	0.485212823	0
ENSG00000140678	ITGAX	0.696562401	0.485199179	0

ENSG00000188404	SELL	0.696235396	0.484743727	0
ENSG00000230882	AC005077.4	0.695988596	0.484400126	0
ENSG00000183044	ABAT	0.695950582	0.484347212	0
ENSG00000183426	NPIPA1	0.695740651	0.484055053	0
ENSG00000188393	CLEC2A	0.695740118	0.484054312	0
ENSG00000142632	ARHGEF19	0.695702009	0.484001285	0
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ENSG00000238083	LRRC37A2	0.695166341	0.483256241	0
ENSG00000115523	GNLY	0.694968617	0.482981379	0
ENSG00000169629	RGPD8	0.694885749	0.482866204	0
ENSG00000177000	MTHFR	0.694859145	0.482829232	0
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ENSG00000257017	HP	0.694490553	0.482317128	0
ENSG00000164530	PI16	0.694362652	0.482139493	0

ENSG0000066027	PPP2R5A	0.694316318	0.482075149	0
ENSG00000255733	IFNG-AS1	0.694190669	0.481900685	0
ENSG00000151208	DLG5	0.694072513	0.481736654	0
ENSG00000161036	LRWD1	0.694069636	0.48173266	0
ENSG00000135541	AHI1	0.693869093	0.481454318	0
ENSG00000233327	USP32P2	0.693636537	0.481131645	0
ENSG00000162994	CLHC1	0.693586883	0.481062765	0
ENSG00000099290	WASHC2A	0.693482381	0.480917812	0
ENSG00000259205	PRKXP1	0.693374143	0.480767702	0
ENSG00000257433	AC004241.1	0.69284588	0.480035413	0
ENSG00000143184	XCL1	0.692778932	0.479942648	0
ENSG00000125871	MGME1	0.692659251	0.479776839	0
ENSG00000169994	MYO7B	0.692506184	0.479564815	0
ENSG00000184227	ACOT1	0.692439548	0.479472528	0
ENSG00000133943	DGLUCY	0.692380436	0.479390668	0

ENSG00000197927	NBEAP2	0.691945977	0.478789235	0
ENSG00000092068	SLC7A8	0.691911092	0.478740959	0
ENSG00000171729	TMEM51	0.691677705	0.478418047	0
ENSG0000010626	LRRC23	0.691613214	0.478328837	0
ENSG00000188707	ZBED6CL	0.691484994	0.478151496	0
ENSG00000260943	LINC02555	0.691192781	0.477747461	0
ENSG00000133048	CHI3L1	0.69068521	0.477046059	0
ENSG00000170298	LGALS9B	0.690520072	0.47681797	0
ENSG00000171444	MCC	0.690204496	0.476382247	0
ENSG00000159840	ZYX	0.688917181	0.474606883	0
ENSG00000149089	APIP	0.688634708	0.474217761	0
ENSG00000223638	RFPL4A	0.68858954	0.474155554	0
ENSG00000189127	ANKRD34B	0.688579798	0.474142139	0
ENSG00000092094	OSGEP	0.688537151	0.474083409	0
ENSG00000166831	RBPMS2	0.687976263	0.473311339	0

ENSG00000100284	TOM1	0.687642891	0.472852746	0
ENSG00000160447	PKN3	0.687595832	0.472788029	0
ENSG00000196696	PDXDC2P-NPIPB14P	0.687523945	0.472689175	0
ENSG00000260910	LINC00565	0.687142924	0.472165398	0
ENSG00000169413	RNASE6	0.68682152	0.4717238	0
ENSG00000134256	CD101	0.686633545	0.471465625	0
ENSG00000107959	PITRM1	0.686568654	0.471376517	0
ENSG00000164111	ANXA5	0.686280798	0.470981334	0
ENSG00000100116	GCAT	0.685915173	0.470479625	0
ENSG00000170425	ADORA2B	0.685580541	0.470020679	0
ENSG00000211972	IGHV3-66	0.684952425	0.469159825	0
ENSG00000203363	GPR160P1	0.684918201	0.469112941	0
ENSG00000136108	CKAP2	0.684676056	0.468781301	0
ENSG00000160961	ZNF333	0.684635465	0.46872572	0
ENSG00000171049	FPR2	0.684621263	0.468706274	0

ENSG00000230438	SERPINB9P1	0.684584435	0.468655848	0
ENSG00000255389	Z97989.1	0.684285234	0.468246282	0
ENSG00000178971	CTC1	0.684104869	0.467999472	0
ENSG00000121653	MAPK8IP1	0.68405134	0.467926235	0
ENSG00000049239	H6PD	0.683785451	0.467562544	0
ENSG00000139197	PEX5	0.683685664	0.467426087	0
ENSG00000213443	NPM1P7	0.683664299	0.467396874	0
ENSG00000170293	CMTM8	0.683634174	0.467355684	0
ENSG00000241878	PISD	0.683538025	0.467224232	0
ENSG00000251060	N.A.	0.683317489	0.466922791	0
ENSG00000165650	PDZD8	0.683308812	0.466910933	0
ENSG00000145244	CORIN	0.683260574	0.466845011	0
ENSG00000136280	CCM2	0.683220884	0.466790776	0
ENSG00000133055	MYBPH	0.682897402	0.466348862	0
ENSG00000198937	CCDC167	0.682816251	0.466238032	0

ENSG0000073536	NLE1	0.682815468	0.466236964	0
ENSG00000227671	ZNF731P	0.682608802	0.465954776	0
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ENSG00000260787	N.A.	0.682390462	0.465656743	0
ENSG00000173992	CCS	0.682338801	0.46558624	0
ENSG00000146409	SLC18B1	0.681921077	0.465016356	0
ENSG00000234147	AL035446.1	0.681763395	0.464801326	0
ENSG00000169231	THBS3	0.681599445	0.464577803	0
ENSG00000111906	HDDC2	0.681160481	0.463979601	0
ENSG00000065413	ANKRD44	0.681023743	0.463793339	0
ENSG00000152465	NMT2	0.680818919	0.4635144	0
ENSG00000102858	MGRN1	0.679671811	0.46195377	0
ENSG00000158104	HPD	0.679650752	0.461925145	0
ENSG00000160213	CSTB	0.6795837	0.461834006	0
ENSG00000127399	LRRC61	0.679067902	0.461133215	0

ENSG00000258273	AC024257.2	0.678150712	0.459888389	0
ENSG00000188375	H3-5	0.678072702	0.459782589	0
ENSG00000204169	N.A.	0.677821309	0.459441727	0
ENSG00000130558	OLFM1	0.677808183	0.459423934	0
ENSG00000176720	BOK	0.67735299	0.458807073	0
ENSG00000136717	BIN1	0.676675654	0.45788994	0
ENSG00000248265	FLJ12825	0.676424945	0.457550707	0
ENSG00000140090	SLC24A4	0.675979497	0.45694828	0
ENSG00000183773	AIFM3	0.675903037	0.456844915	0
ENSG00000213390	ARHGAP19	0.675832679	0.45674981	0
ENSG00000260075	NSFP1	0.675832327	0.456749334	0
ENSG00000152117	SMPD4BP	0.675695311	0.456564153	0
ENSG00000088833	NSFL1C	0.67560256	0.456438819	0
ENSG00000124731	TREM1	0.675457619	0.456242995	0
ENSG00000204920	ZNF155	0.675403077	0.456169316	0

ENSG00000103154	NECAB2	0.675328155	0.456068117	0
ENSG00000224152	AC009506.1	0.675248477	0.455960506	0
ENSG00000231621	ANKRD44-AS1	0.675242809	0.455952851	0
ENSG00000244625	MIATNB	0.675186069	0.455876228	0
ENSG00000137709	POU2F3	0.675181462	0.455870006	0
ENSG00000176749	CDK5R1	0.675177765	0.455865015	0
ENSG00000205885	C1RL-AS1	0.675168755	0.455852848	0
ENSG00000231613	AC099568.1	0.675128589	0.455798611	0
ENSG00000129596	CDO1	0.674928588	0.455528599	0
ENSG00000161692	DBF4B	0.67490681	0.455499202	0
ENSG00000106610	STAG3L4	0.67475728	0.455297387	0
ENSG00000049247	UTS2	0.674494959	0.454943449	0
ENSG00000183307	TMEM121B	0.674458406	0.454894142	0
ENSG00000042445	RETSAT	0.674404469	0.454821387	0
ENSG00000120889	TNFRSF10B	0.674052309	0.454346515	0

ENSG00000140391	TSPAN3	0.673944098	0.454200648	0
ENSG00000167077	MEI1	0.673781206	0.453981114	0
ENSG00000146530	VWDE	0.673602291	0.453740046	0
ENSG00000258839	MC1R	0.673511149	0.453617268	0
ENSG00000100373	UPK3A	0.673049222	0.452995255	0
ENSG00000148297	MED22	0.672978945	0.452900661	0
ENSG00000198496	NBR2	0.672934292	0.452840561	0
ENSG00000197249	SERPINA1	0.672550459	0.45232412	0
ENSG00000118514	ALDH8A1	0.672549584	0.452322942	0
ENSG00000134759	ELP2	0.67200064	0.45158486	0
ENSG00000169715	MT1E	0.671858288	0.451393559	0
ENSG00000204851	PNMA8B	0.671498558	0.450910313	0
ENSG00000117481	NSUN4	0.67136151	0.450726278	0
ENSG00000178252	WDR6	0.671191553	0.450498101	0
ENSG00000166501	PRKCB	0.671086447	0.450357019	0

ENSG00000255198	SNHG9	0.67093891	0.450159021	0
ENSG00000182093	GET1	0.670721625	0.449867498	0
ENSG00000170390	DCLK2	0.670707493	0.449848541	0
ENSG00000161905	ALOX15	0.670461269	0.449518313	0
ENSG00000120093	HOXB3	0.670378545	0.449407393	0
ENSG00000120156	TEK	0.670351961	0.449371751	0
ENSG00000160948	VPS28	0.670345403	0.449362959	0
ENSG00000268535	MTDHP4	0.670192104	0.449157456	0
ENSG00000116260	QSOX1	0.670157883	0.449111588	0
ENSG00000167291	TBC1D16	0.670094967	0.449027265	0
ENSG00000141556	TBCD	0.670045197	0.448960565	0
ENSG00000231259	ANAPC1P2	0.669768167	0.448589398	0
ENSG00000164535	DAGLB	0.669587772	0.448347784	0
ENSG00000155542	SETD9	0.669540521	0.44828451	0
ENSG00000079277	MKNK1	0.669270949	0.447923603	0

ENSG00000101577	LPIN2	0.669213062	0.447846122	0
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ENSG00000227051	C14orf132	0.668931529	0.44746939	0
ENSG00000171130	ATP6V0E2	0.668732406	0.44720303	0
ENSG00000042493	CAPG	0.66847532	0.446859253	0
ENSG00000123415	SMUG1	0.667723688	0.445854924	0
ENSG00000172236	TPSAB1	0.667257526	0.445232606	0
ENSG00000257497	AC121761.1	0.667071634	0.444984565	0
ENSG00000050344	NFE2L3	0.666996595	0.444884457	0
ENSG00000101158	NELFCD	0.666929882	0.444795467	0
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ENSG00000175221	MED16	0.66649437	0.444214745	0
ENSG00000122386	ZNF205	0.666393076	0.444079732	0
ENSG00000130653	PNPLA7	0.666132854	0.443732979	0
ENSG00000172247	C1QTNF4	0.666074382	0.443655082	0

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ENSG00000054523	KIF1B	0.665619448	0.44304925	0
ENSG00000064012	CASP8	0.665405262	0.442764163	0
ENSG00000064201	TSPAN32	0.665392637	0.442747362	0
ENSG00000107611	CUBN	0.665232732	0.442534588	0
ENSG00000183625	CCR3	0.665136713	0.442406847	0
ENSG00000163933	RFT1	0.665099148	0.442356877	0
ENSG00000065457	ADAT1	0.664575568	0.441660686	0
ENSG00000076864	RAP1GAP	0.664526244	0.441595129	0
ENSG00000125810	CD93	0.664472131	0.441523213	0
ENSG00000269928	N.A.	0.664453159	0.441498	0
ENSG00000247572	CKMT2-AS1	0.664400016	0.441427381	0
ENSG00000231160	KLF3-AS1	0.663986524	0.440878104	0
ENSG00000261996	AC004706.1	0.663981587	0.440871548	0
ENSG00000145113	MUC4	0.663878125	0.440734165	0

ENSG00000145284	SCD5	0.663669823	0.440457634	0
ENSG00000128805	ARHGAP22	0.663313991	0.439985451	0
ENSG00000166938	DIS3L	0.663195957	0.439828877	0
ENSG00000226824	AC006001.2	0.662806988	0.439313103	0
ENSG00000170248	PDCD6IP	0.662612434	0.439055237	0
ENSG00000139714	MORN3	0.662533999	0.4389513	0
ENSG00000146918	NCAPG2	0.662297567	0.438638067	0
ENSG00000165810	BTNL9	0.66216505	0.438462554	0
ENSG00000254860	TMEM9B-AS1	0.661971109	0.43820575	0
ENSG00000204136	GGTA1	0.661970071	0.438204375	0
ENSG00000163221	S100A12	0.661968518	0.438202318	0
ENSG00000151806	GUF1	0.661964062	0.43819642	0
ENSG00000165959	CLMN	0.661925237	0.43814502	0
ENSG00000103196	CRISPLD2	0.661849875	0.438045257	0
ENSG00000196655	TRAPPC4	0.661704716	0.437853132	0

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ENSG00000176422	SPRYD4	0.661483835	0.437560863	0
ENSG00000167711	SERPINF2	0.661225537	0.437219211	0
ENSG00000255328	AC136475.5	0.660571312	0.436354458	0
ENSG00000250565	ATP6V1E2	0.660522756	0.436290311	0
ENSG00000265992	ESRG	0.660473306	0.436224988	0
ENSG00000168427	KLHL30	0.660365315	0.436082349	0
ENSG00000166839	ANKDD1A	0.660330504	0.436036374	0
ENSG00000080815	PSEN1	0.660313058	0.436013335	0
ENSG00000067057	PFKP	0.660169551	0.435823837	0
ENSG00000152348	ATG10	0.660111167	0.435746753	0
ENSG00000189190	ZNF600	0.66008436	0.435711362	0
ENSG00000130508	PXDN	0.660006549	0.435608644	0
ENSG00000112031	MTRF1L	0.659830307	0.435376034	0
ENSG00000154429	CCSAP	0.65960283	0.435075894	0

ENSG00000230513	THAP7-AS1	0.659583898	0.435050918	0
ENSG00000259785	N.A.	0.659462762	0.434891135	0
ENSG00000204161	TMEM273	0.659322784	0.434706533	0
ENSG00000251364	AC107884.1	0.659083903	0.434391591	0
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ENSG00000171051	FPR1	0.6155355	0.378883952	0
ENSG00000236770	AC079325.1	0.615344266	0.378648566	0
ENSG00000013288	MAN2B2	0.615336201	0.37863864	0
ENSG00000184361	SPATA32	0.615253379	0.37853672	0
ENSG00000242612	DECR2	0.615210782	0.378484306	0
ENSG00000212293	AL137247.1	0.615106491	0.378355995	0
ENSG00000142156	COL6A1	0.615035499	0.378268665	0
ENSG00000242550	SERPINB10	0.614933724	0.378143485	0
ENSG00000118432	CNR1	0.614843352	0.378032347	0
ENSG00000070476	ZXDC	0.614840302	0.378028597	0
ENSG00000186088	GSAP	0.614745871	0.377912486	0
ENSG00000224769	MUC20P1	0.614724758	0.377886528	7.0374E-306
ENSG00000134184	GSTM1	0.61464204	0.377784838	0
ENSG00000164346	NSA2	0.614560591	0.37768472	0

ENSG00000104450	SPAG1	0.614444003	0.377541432	0
ENSG00000064115	TM7SF3	0.614441448	0.377538293	0
ENSG00000103111	MON1B	0.614099285	0.377117931	0
ENSG00000233621	LINC01137	0.614029236	0.377031902	0
ENSG00000135318	NT5E	0.613915395	0.376892113	0
ENSG00000188636	RTL6	0.613893724	0.376865504	0
ENSG00000091073	DTX2	0.613740046	0.376676844	0
ENSG00000038945	MSR1	0.613690546	0.376616086	0
ENSG00000197142	ACSL5	0.613690237	0.376615707	0
ENSG00000147439	BIN3	0.613611283	0.376518807	0
ENSG00000145882	PCYOX1L	0.613371017	0.376224005	0
ENSG00000096996	IL12RB1	0.613320137	0.37616159	0
ENSG00000182986	ZNF320	0.613249729	0.37607523	0
ENSG00000155093	PTPRN2	0.613240353	0.37606373	0
ENSG00000261770	AC006504.1	0.613213667	0.376031001	0

ENSG00000168268	NT5DC2	0.613174123	0.375982505	0
ENSG00000133104	SPART	0.613017954	0.375791012	0
ENSG00000251129	LINC02506	0.612949499	0.375707088	0
ENSG00000156510	HKDC1	0.612870183	0.375609861	0
ENSG00000176386	CDC26	0.612363074	0.374988534	0
ENSG00000102710	SUPT20H	0.61218031	0.374764731	0
ENSG00000182310	SPACA6	0.612145695	0.374722352	0
ENSG00000267985	N.A.	0.611990113	0.374531899	0
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ENSG00000197958	RPL12	0.611800318	0.374299629	0
ENSG00000226816	AC005082.1	0.611403675	0.373814454	0
ENSG00000229515	FLT1P1	0.611174334	0.373534067	0
ENSG00000253552	HOXA-AS2	0.611071083	0.373407868	0
ENSG00000163281	GNPDA2	0.610827322	0.373110018	0

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ENSG00000165233	CARD19	0.610415927	0.372607604	0
ENSG00000070731	ST6GALNAC2	0.610268428	0.372427554	0
ENSG00000225756	DBH-AS1	0.610233466	0.372384883	0
ENSG00000112531	QKI	0.61018434	0.372324929	0
ENSG00000134014	ELP3	0.60981394	0.371873042	0
ENSG00000128815	WDFY4	0.609736044	0.371778044	0
ENSG00000229921	KIF25-AS1	0.609651795	0.371675311	0
ENSG00000245532	NEAT1	0.609590988	0.371601173	0
ENSG00000102882	MAPK3	0.609548841	0.37154979	0
ENSG00000256515	N.A.	0.609546725	0.37154721	7.3983E-262
ENSG00000146166	LGSN	0.609532247	0.37152956	0

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ENSG00000174989	FBXW8	0.609166129	0.371083373	0
ENSG00000144820	ADGRG7	0.608878747	0.370733329	0
ENSG00000147576	ADHFE1	0.60877184	0.370603153	0
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ENSG00000058453	CROCC	0.608646708	0.370450815	0
ENSG00000256967	AC018653.3	0.608212607	0.369922575	0
ENSG00000260077	AC104794.3	0.60797203	0.369629989	0
ENSG00000160408	ST6GALNAC6	0.607884986	0.369524157	0
ENSG00000166140	ZFYVE19	0.607723795	0.369328211	0
ENSG00000183506	PI4KAP2	0.607712222	0.369314145	0
ENSG00000243806	RPL7P18	0.607555414	0.369123582	0
ENSG00000152527	PLEKHH2	0.607506306	0.369063912	0
ENSG00000228315	GUSBP11	0.607300796	0.368814257	0
ENSG00000119411	BSPRY	0.607271674	0.368778886	0

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ENSG00000239998	LILRA2	0.606479065	0.367816857	0
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ENSG00000119326	CTNNAL1	0.606424879	0.367751134	0
ENSG00000211638	IGLV8-61	0.606382987	0.367700327	0
ENSG00000189306	RRP7A	0.606381415	0.36769842	0
ENSG00000089876	DHX32	0.606057974	0.367306267	0
ENSG00000250490	LINC02145	0.605827273	0.367026684	0
ENSG00000161328	LRRC56	0.6057893	0.366980676	0
ENSG00000255446	AP003064.2	0.605751403	0.366934763	0
ENSG00000163563	MNDA	0.605545122	0.366684894	0
ENSG00000246898	LINC00920	0.605305398	0.366394625	0
ENSG00000268240	AC123912.2	0.605180017	0.366242854	0
ENSG00000236242	MYO16-AS1	0.605067927	0.366107196	0

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ENSG00000112685	EXOC2	0.604926099	0.365935585	0
ENSG00000231581	N.A.	0.604385975	0.365282407	0
ENSG00000237803	LINC00211	0.604242725	0.36510927	0
ENSG00000138381	ASNSD1	0.603907622	0.364704416	0
ENSG00000197165	SULT1A2	0.603749281	0.364513194	0
ENSG00000173262	SLC2A14	0.603508315	0.364222286	0
ENSG00000185808	PIGP	0.603398019	0.36408917	0
ENSG00000172967	XKR3	0.603225497	0.363881	0
ENSG00000051620	HEBP2	0.602999226	0.363608066	0
ENSG00000227001	NBPF2P	0.602950744	0.3635496	0
ENSG00000169085	VXN	0.602928255	0.36352248	0
ENSG00000095002	MSH2	0.602650861	0.36318806	0
ENSG00000131558	EXOC4	0.602614287	0.363143979	0
ENSG00000228695	CES1P1	0.602415494	0.362904428	0

ENSG00000174837	ADGRE1	0.602406016	0.362893008	0
ENSG00000254415	SIGLEC14	0.602250061	0.362705136	0
ENSG00000161944	ASGR2	0.601915572	0.362302356	0
ENSG00000262663	AC087222.1	0.601877565	0.362256604	0
ENSG00000198799	LRIG2	0.60171589	0.362062013	0
ENSG00000100441	KHNYN	0.601355393	0.361628308	0
ENSG00000224034	LINC02561	0.601118969	0.361344015	0
ENSG00000139055	ERP27	0.601026929	0.361233369	0
ENSG00000242142	SERBP1P3	0.600974374	0.361170198	0
ENSG00000181444	ZNF467	0.600969705	0.361164587	0
ENSG00000259031	AL845552.2	0.600947702	0.36113814	0
ENSG00000106341	PPP1R17	0.600762763	0.360915897	0
ENSG00000176531	PHLDB3	0.6007543	0.360905729	0
ENSG00000066583	ISOC1	0.600650248	0.36078072	0
ENSG00000100311	PDGFB	0.600648616	0.36077876	0

ENSG00000113621	TXNDC15	0.600583494	0.360700534	0
ENSG00000247157	LINC01252	0.600574676	0.360689942	0
ENSG00000130167	TSPAN16	0.600509134	0.36061122	0
ENSG00000262714	AC007342.5	0.600390291	0.360468502	0
ENSG00000104695	PPP2CB	0.599775541	0.3597307	0
ENSG00000170509	HSD17B13	0.59971822	0.359661943	0
ENSG00000075234	TTC38	0.599541522	0.359450036	0
ENSG00000127084	FGD3	0.599526382	0.359431883	0
ENSG00000228775	WEE2-AS1	0.599370282	0.359244735	0
ENSG00000101017	CD40	0.599322001	0.359186861	0
ENSG00000167618	LAIR2	0.599171597	0.359006602	0
ENSG00000007171	NOS2	0.599151421	0.358982425	0
ENSG00000141179	PCTP	0.599065174	0.358879083	0
ENSG00000196917	HCAR1	0.598933511	0.358721351	0
ENSG00000111817	DSE	0.598749782	0.358501301	0

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ENSG00000160972	PPP1R16A	0.598418579	0.358104795	0
ENSG00000143552	NUP210L	0.598331583	0.358000684	0
ENSG00000168778	TCTN2	0.598106002	0.35773079	0
ENSG00000144118	RALB	0.598070811	0.357688695	0
ENSG00000256379	TRAV8-5	0.597754106	0.357309972	0
ENSG00000229391	HLA-DRB6	0.597728347	0.357279176	0
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ENSG00000184986	TMEM121	0.597535159	0.357048266	0
ENSG00000169592	INO80E	0.597464682	0.356964046	0
ENSG00000261575	AC005829.1	0.597381366	0.356864496	0
ENSG00000112874	NUDT12	0.59729631	0.356762882	0
ENSG00000255455	AP003486.1	0.597133059	0.35656789	0
ENSG00000140961	OSGIN1	0.597067754	0.356489902	0

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ENSG00000170209	ANKK1	0.596656972	0.355999543	0
ENSG00000256581	NLRP9P1	0.596543229	0.355863824	0
ENSG00000176681	LRRC37A	0.596434183	0.355733734	0
ENSG00000118520	ARG1	0.596429675	0.355728357	0
ENSG00000115896	PLCL1	0.596375499	0.355663736	0
ENSG00000090661	CERS4	0.596369735	0.355656861	0
ENSG00000105501	SIGLEC5	0.596272593	0.355541005	0
ENSG00000110218	PANX1	0.595972464	0.355183177	0
ENSG00000075240	GRAMD4	0.595919784	0.355120389	0
ENSG00000135597	REPS1	0.595871543	0.355062896	0
ENSG00000230091	TMEM254-AS1	0.595604581	0.354744817	0
ENSG00000141161	UNC45B	0.595596388	0.354735057	0
ENSG00000165689	ENTR1	0.595578901	0.354714228	0
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ENSG00000152767	FARP1	0.595251498	0.354324346	0
ENSG00000124785	NRN1	0.595108714	0.354154382	0
ENSG00000104228	TRIM35	0.595103063	0.354147655	0
ENSG00000091039	OSBPL8	0.595051802	0.354086647	0
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ENSG00000214872	SMTNL1	0.594821745	0.353812908	0
ENSG00000159461	AMFR	0.594768826	0.353749957	0
ENSG00000095485	CWF19L1	0.594343104	0.353243726	0
ENSG00000239665	AL157392.3	0.594037102	0.352880078	0
ENSG00000127337	YEATS4	0.593683964	0.352460649	0
ENSG00000268802	N.A.	0.593483124	0.352222219	0

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ENSG00000162302	RPS6KA4	0.593150155	0.351827107	0
ENSG00000130731	METTL26	0.59311253	0.351782473	0
ENSG00000167716	WDR81	0.592915287	0.351548538	0
ENSG00000166164	BRD7	0.592829488	0.351446802	0
ENSG00000221890	NPTXR	0.592812912	0.351427149	0
ENSG00000267838	AC245884.8	0.592804868	0.351417612	0
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ENSG00000177337	DLGAP1-AS1	0.592435967	0.350980375	0
ENSG00000108262	GIT1	0.592377557	0.35091117	0
ENSG00000187569	DPPA3	0.592007683	0.350473096	0
ENSG00000124243	BCAS4	0.591995574	0.35045876	0

ENSG00000269867	AC010326.3	0.591937354	0.350389831	0
ENSG00000152359	POC5	0.591892493	0.350336723	0
ENSG00000121310	ECHDC2	0.591650784	0.35005065	0
ENSG00000137801	THBS1	0.591318547	0.349657624	0
ENSG00000146556	WASH2P	0.591269799	0.349599975	0
ENSG00000124713	GNMT	0.591159897	0.349470024	0
ENSG00000157107	FCHO2	0.590984798	0.349263032	0
ENSG00000133597	ADCK2	0.590939446	0.349209429	0
ENSG00000104341	LAPTM4B	0.59055069	0.348750118	0
ENSG00000067141	NEO1	0.590441519	0.348621187	0
ENSG00000119408	NEK6	0.590251404	0.34839672	0
ENSG00000128285	MCHR1	0.590232148	0.348373988	0
ENSG00000185404	SP140L	0.590144071	0.348270025	0
ENSG00000198920	KIAA0753	0.590092621	0.348209301	0
ENSG00000101558	VAPA	0.589763447	0.347820923	0

ENSG00000157551	KCNJ15	0.589660378	0.347699362	0
ENSG00000103313	MEFV	0.589645059	0.347681295	0
ENSG00000267654	N.A.	0.589609193	0.347639001	0
ENSG00000123892	RAB38	0.589588389	0.347614469	0
ENSG00000235989	MORC2-AS1	0.589406563	0.347400096	0
ENSG00000170909	OSCAR	0.589375906	0.347363958	0
ENSG00000264745	TTC39C-AS1	0.589335965	0.347316879	0
ENSG00000136003	ISCU	0.589214278	0.347173465	0
ENSG00000154027	AK5	0.589081379	0.347016871	0
ENSG00000149054	ZNF215	0.589006825	0.34692904	0
ENSG00000183117	CSMD1	0.588975392	0.346892012	0
ENSG00000166377	ATP9B	0.58892004	0.346826813	2.5428E-250
ENSG00000100726	TELO2	0.588853358	0.346748277	0
ENSG00000260565	ERVK13-1	0.588847769	0.346741695	0
ENSG00000180549	FUT7	0.588701601	0.346569575	0

ENSG00000241764	AC002467.1	0.588673274	0.346536223	0
ENSG00000152642	GPD1L	0.588423395	0.346242092	0
ENSG00000228903	RASA4CP	0.588185557	0.34596225	0
ENSG00000005156	LIG3	0.588097604	0.345858792	0
ENSG00000100012	SEC14L3	0.587811292	0.345522115	0
ENSG00000070610	GBA2	0.58777817	0.345483177	0
ENSG00000176476	SGF29	0.587600027	0.345273791	0
ENSG00000231412	AC005392.2	0.587462373	0.345112039	0
ENSG00000072958	AP1M1	0.587366952	0.344999936	0
ENSG00000251819	RNU6-322P	0.587150992	0.344746288	0
ENSG00000167555	ZNF528	0.586966487	0.344529657	0
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ENSG00000127838	PNKD	0.586890842	0.34444086	0
ENSG00000167065	DUSP18	0.586761186	0.34428869	0
ENSG00000166394	CYB5R2	0.586745296	0.344270042	0

ENSG00000168411	RFWD3	0.586693306	0.344209035	0
ENSG00000163041	H3-3A	0.586566173	0.344059875	0
ENSG00000243708	PLA2G4B	0.586262385	0.343703585	0
ENSG00000141480	ARRB2	0.586224062	0.343658651	0
ENSG00000172469	MANEA	0.58621773	0.343651227	0
ENSG00000198890	PRMT6	0.585951112	0.343338706	0
ENSG00000197253	TPSB2	0.585931906	0.343316199	0
ENSG00000217702	AC073263.1	0.585804884	0.343167362	0
ENSG00000101298	SNPH	0.585803843	0.343166143	0
ENSG00000175518	UBQLNL	0.585647445	0.34298293	0
ENSG00000197345	MRPL21	0.585613682	0.342943384	0
ENSG00000269365	AC120349.1	0.585382531	0.342672707	0
ENSG00000085063	CD59	0.585138666	0.342387258	0
ENSG00000205583	STAG3L1	0.585097081	0.342338594	0
ENSG00000233930	KRTAP5-AS1	0.585049537	0.342282961	0

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ENSG00000241058	NSUN6	0.584987056	0.342209855	0
ENSG00000186235	LINC02610	0.584786721	0.341975509	0
ENSG00000116871	MAP7D1	0.584775977	0.341962943	0
ENSG00000171853	TRAPPC12	0.584627163	0.34178892	0
ENSG00000213672	NCKIPSD	0.584588791	0.341744054	0
ENSG00000171806	METTL18	0.584562427	0.341713231	0
ENSG00000054179	ENTPD2	0.584498133	0.341638067	0
ENSG00000108654	DDX5	0.584450526	0.341582417	0
ENSG00000184164	CRELD2	0.584436867	0.341566451	0
ENSG00000198818	SFT2D1	0.584389423	0.341510998	0
ENSG00000226124	FTCDNL1	0.584273369	0.34137537	0
ENSG00000123636	BAZ2B	0.584059355	0.34112533	0
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ENSG00000225892	N.A.	0.58390126	0.340940681	0

ENSG00000100031	GGT1	0.583769439	0.340786758	0
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ENSG00000232615	AC026412.2	0.583507989	0.340481573	0
ENSG00000116874	WARS2	0.583423687	0.340383198	0
ENSG00000112308	C6orf62	0.583302863	0.340242231	0
ENSG00000006744	ELAC2	0.583053113	0.339950932	0
ENSG00000140545	MFGE8	0.583040941	0.339936739	0
ENSG00000064547	LPAR2	0.583031434	0.339925652	0
ENSG00000005955	N.A.	0.582988987	0.339876159	0
ENSG00000198721	ECI2	0.582842882	0.339705825	0
ENSG00000229314	ORM1	0.582739406	0.339585215	0
ENSG00000163393	SLC22A15	0.582584615	0.339404834	0
ENSG00000113231	PDE8B	0.582495702	0.339301243	0
ENSG00000215908	CROCCP2	0.582414813	0.339207014	1.1031E-299
ENSG00000162885	B3GALNT2	0.582387806	0.339175556	0

ENSG00000180185	FAHD1	0.582367659	0.33915209	0
ENSG00000197128	ZNF772	0.58232186	0.339098749	0
ENSG00000140009	ESR2	0.582306579	0.339080952	0
ENSG00000134201	GSTM5	0.581966821	0.338685381	0
ENSG00000143153	ATP1B1	0.581551071	0.338201648	0
ENSG00000198894	CIPC	0.581204431	0.337798591	0
ENSG00000073584	SMARCE1	0.581009617	0.337572175	0
ENSG00000239697	TNFSF12	0.58100515	0.337566984	0
ENSG00000179632	MAF1	0.581004726	0.337566491	0
ENSG00000260708	AL118516.1	0.580934744	0.337485177	0
ENSG00000106603	COA1	0.580849759	0.337386443	0
ENSG00000185085	INTS5	0.580843619	0.33737931	0
ENSG00000135116	HRK	0.580653965	0.337159028	0
ENSG00000185112	FAM43A	0.580190256	0.336620733	0
ENSG00000143382	ADAMTSL4	0.58015822	0.33658356	0

ENSG00000184350	MRGPRE	0.580120299	0.336539561	0
ENSG00000179913	B3GNT3	0.580031408	0.336436434	0
ENSG00000171055	FEZ2	0.579971136	0.336366518	0
ENSG00000259488	AC023355.1	0.579949768	0.336341733	0
ENSG00000003393	ALS2	0.579774462	0.336138426	0
ENSG00000260276	AC022167.2	0.579591511	0.335926319	0
ENSG00000128829	EIF2AK4	0.579477876	0.335794609	0
ENSG00000103174	NAGPA	0.579319126	0.33561065	0
ENSG00000147852	VLDLR	0.579075683	0.335328646	0
ENSG00000233297	RASA4DP	0.579023345	0.335268034	0
ENSG00000134575	ACP2	0.578881867	0.335104216	0
ENSG00000004777	ARHGAP33	0.578792742	0.335001038	0
ENSG00000213949	ITGA1	0.578513752	0.334678161	0
ENSG00000225783	MIAT	0.578223626	0.334342562	0
ENSG00000176731	RBIS	0.578206888	0.334323205	0

ENSG00000269963	N.A.	0.578147699	0.334254762	0
ENSG00000224203	RPS23P10	0.578114897	0.334216834	0
ENSG00000168405	CMAHP	0.578037785	0.334127681	0
ENSG00000165025	SYK	0.57797002	0.334049344	0
ENSG00000129103	SUMF2	0.577676459	0.333710092	0
ENSG00000267149	AC011476.2	0.577606517	0.333629289	0
ENSG00000237927	AL078604.2	0.577567942	0.333584727	0
ENSG00000125534	PPDPF	0.577541685	0.333554398	0
ENSG00000179818	PCBP1-AS1	0.577533109	0.333544493	0
ENSG00000260630	SNAI3-AS1	0.577276202	0.333247814	0
ENSG00000130656	HBZ	0.577179224	0.333135857	0
ENSG00000180712	LINC02363	0.577175876	0.333131992	0
ENSG00000170667	RASA4B	0.577161822	0.333115769	5.0117E-303
ENSG00000231770	TMEM44-AS1	0.577075097	0.333015667	0
ENSG00000244026	FAM86DP	0.576977988	0.332903599	0

ENSG00000165898	ISCA2	0.576966051	0.332889824	0
ENSG00000135587	SMPD2	0.576946123	0.332866829	0
ENSG00000092295	TGM1	0.576902307	0.332816272	0
ENSG00000083097	DOP1A	0.576758167	0.332649983	0
ENSG00000185485	SDHAP1	0.576608229	0.33247705	0
ENSG00000109794	FAM149A	0.576575031	0.332438767	0
ENSG00000205726	ITSN1	0.576544048	0.33240304	0
ENSG00000153208	MERTK	0.576526312	0.332382588	0
ENSG00000163823	CCR1	0.576436253	0.332278754	0
ENSG00000161912	ADCY10P1	0.576354805	0.332184861	0
ENSG00000240403	KIR3DL2	0.576275935	0.332093954	0
ENSG00000177335	C8orf31	0.576234955	0.332046723	0
ENSG00000144580	CNOT9	0.575986313	0.331760233	0
ENSG00000069020	MAST4	0.575782897	0.331525944	0
ENSG00000203666	EFCAB2	0.575496404	0.331196112	0

ENSG00000132305	IMMT	0.575469741	0.331165423	0
ENSG00000187953	PMS2CL	0.575375166	0.331056581	0
ENSG00000182923	CEP63	0.57501122	0.330637904	0
ENSG00000246082	NUDT16L2P	0.574916977	0.330529531	0
ENSG00000095397	WHRN	0.574829249	0.330428665	0
ENSG00000171517	LPAR3	0.574658128	0.330231964	0
ENSG00000135845	PIGC	0.574442703	0.329984418	0
ENSG00000164253	WDR41	0.574251776	0.329765103	4.38E-294
ENSG00000225851	HLA-S	0.574171044	0.329672388	0
ENSG00000184389	A3GALT2	0.57414411	0.329641459	0
ENSG00000021762	OSBPL5	0.574142509	0.329639621	0
ENSG00000204653	ASPDH	0.574077885	0.329565418	0
ENSG00000254910	AC136475.2	0.574028322	0.329508514	0
ENSG00000142102	PGGHG	0.573765714	0.329207094	0
ENSG00000141956	PRDM15	0.573656515	0.329081798	0

ENSG00000256249	AC026333.3	0.573650635	0.329075052	0
ENSG00000182117	NOP10	0.573470429	0.328868333	0
ENSG00000185684	EP400P1	0.57339881	0.328786195	0
ENSG00000167105	TMEM92	0.573334395	0.328712328	0
ENSG00000185669	SNAI3	0.573024184	0.328356715	0
ENSG0000018280	SLC11A1	0.572969442	0.328293982	0
ENSG00000259799	N.A.	0.572872497	0.328182898	0
ENSG00000211974	IGHV2-70D	0.572811291	0.328112775	0
ENSG00000154803	FLCN	0.572666897	0.327947375	0
ENSG00000206013	IFITM5	0.572590986	0.327860437	0
ENSG00000159228	CBR1	0.572517519	0.32777631	0
ENSG00000140931	CMTM3	0.572361258	0.32759741	0
ENSG00000126351	THRA	0.572266553	0.327489007	0
ENSG00000186831	KRT17P2	0.572159822	0.327366862	1.8969E-281
ENSG00000152749	GPR180	0.571943069	0.327118874	0

ENSG0000044090	CUL7	0.571552111	0.326671816	0
ENSG00000258398	N.A.	0.571505116	0.326618097	0
ENSG00000119699	TGFB3	0.571272096	0.326351808	0
ENSG00000163389	POGLUT1	0.571051509	0.326099825	0
ENSG00000140386	SCAPER	0.570638717	0.325628545	0
ENSG00000032742	IFT88	0.570501227	0.32547165	0
ENSG00000173852	DPY19L1	0.570484266	0.325452298	0
ENSG00000068615	REEP1	0.570385023	0.325339074	0
ENSG00000121742	GJB6	0.570328331	0.325274405	0
ENSG00000223722	IFITM3P2	0.570276267	0.32521502	0
ENSG00000136315	AL355922.1	0.570197317	0.32512498	0
ENSG00000171798	KNDC1	0.570115532	0.32503172	0
ENSG00000254995	STX16-NPEPL1	0.569960136	0.324854557	0
ENSG00000118961	LDAH	0.569956263	0.324850141	0
ENSG00000237438	CECR7	0.569871285	0.324753282	0

ENSG00000175445	LPL	0.569843196	0.324721268	0
ENSG00000135124	P2RX4	0.569709487	0.3245689	0
ENSG00000183431	SF3A3	0.569618107	0.324464788	0
ENSG00000140368	PSTPIP1	0.569567876	0.324407565	1.5254E-291
ENSG00000197563	PIGN	0.569563939	0.324403081	0
ENSG00000138835	RGS3	0.569556179	0.324394241	0
ENSG00000250334	LINC00989	0.569551341	0.324388731	0
ENSG00000185899	TAS2R60	0.569424814	0.324244618	0
ENSG00000254789	AC073172.1	0.569142965	0.323923714	0
ENSG00000245080	MIR3150BHG	0.56913938	0.323919633	0
ENSG00000231365	WARS2-AS1	0.56912044	0.323898076	0
ENSG00000140876	NUDT7	0.568894321	0.323640748	0
ENSG00000163866	SMIM12	0.568879256	0.323623608	0
ENSG00000181396	OGFOD3	0.568793452	0.323525991	0
ENSG00000023892	DEF6	0.568332354	0.323001664	0

ENSG00000236296	GUSBP5	0.568332137	0.323001418	0
ENSG00000160828	N.A.	0.568256983	0.322915999	0
ENSG00000170074	FAM153A	0.568091849	0.322728348	0
ENSG00000149922	TBX6	0.567892885	0.322502329	0
ENSG00000146278	PNRC1	0.567891884	0.322501191	0
ENSG00000244682	FCGR2C	0.567872281	0.322478927	5.2729E-193
ENSG00000127957	PMS2P3	0.567841631	0.322444118	0
ENSG00000137070	IL11RA	0.567818865	0.322418263	0
ENSG00000139610	CELA1	0.56756963	0.322135285	0
ENSG00000214765	SEPTIN7P2	0.567323599	0.321856066	0
ENSG00000142173	COL6A2	0.567048513	0.321544016	4.9964E-215
ENSG00000000460	C1orf112	0.567031436	0.32152465	0
ENSG00000106404	CLDN15	0.566973979	0.321459493	0
ENSG00000261373	VPS9D1-AS1	0.566632257	0.321072115	0
ENSG00000255398	HCAR3	0.566557653	0.320987574	0

ENSG00000105186	ANKRD27	0.566474105	0.320892912	0
ENSG00000249601	LINC01187	0.566344915	0.320746563	0
ENSG00000236213	AC006369.1	0.566227487	0.320613567	0
ENSG00000110871	COQ5	0.566197717	0.320579855	0
ENSG00000253716	MINCR	0.566093881	0.320462282	0
ENSG00000099949	LZTR1	0.566037169	0.320398076	0
ENSG00000076650	GPATCH1	0.565977768	0.320330834	0
ENSG00000108064	TFAM	0.565864246	0.320202345	0
ENSG00000055211	GINM1	0.565768424	0.32009391	0
ENSG00000267702	N.A.	0.565651587	0.319961718	0
ENSG00000151690	MFSD6	0.565403923	0.319681596	0
ENSG00000168487	BMP1	0.565387006	0.319662466	3.4026E-308
ENSG00000165684	SNAPC4	0.564959926	0.319179718	0
ENSG00000103199	ZNF500	0.564922807	0.319137778	0
ENSG00000224877	NDUFAF8	0.564906649	0.319119522	0

ENSG00000136819	C9orf78	0.564872124	0.319080516	0
ENSG00000221838	AP4M1	0.564848512	0.319053842	0
ENSG00000239839	DEFA3	0.564743088	0.318934755	2.4993E-307
ENSG00000125630	POLR1B	0.564665501	0.318847128	0
ENSG00000189366	ALG1L	0.564523579	0.318686872	0
ENSG00000160588	MPZL3	0.564309081	0.318444739	0
ENSG00000160194	NDUFV3	0.563980422	0.318073917	0
ENSG00000258572	AL133467.1	0.563914064	0.317999072	0
ENSG00000148450	MSRB2	0.563893001	0.317975316	0
ENSG00000141503	MINK1	0.563705984	0.317764436	0
ENSG00000249695	AC026369.1	0.56369203	0.317748704	3.2689E-307
ENSG00000136718	IMP4	0.563614965	0.317661828	0
ENSG00000228696	ARL17B	0.563504798	0.317537657	2.6223E-308
ENSG00000138617	PARP16	0.563492612	0.317523923	0
ENSG00000136828	RALGPS1	0.563302388	0.31730958	0

ENSG00000095321	CRAT	0.563199649	0.317193845	0
ENSG00000143369	ECM1	0.563172784	0.317163584	0
ENSG00000186081	KRT5	0.563139247	0.317125812	6.2453E-304
ENSG00000229769	TRBV10-2	0.562952103	0.316915071	0
ENSG00000175873	N.A.	0.562778691	0.316719855	2.4571E-307
ENSG00000132842	AP3B1	0.562494156	0.316399676	5.896E-307
ENSG00000152969	JAKMIP1	0.562282278	0.31616136	4.3355E-308
ENSG00000164587	RPS14	0.562077775	0.315931425	0
ENSG00000266709	AC005224.3	0.561832985	0.315656303	9.9317E-305
ENSG00000203485	INF2	0.561765018	0.315579935	5.5332E-306
ENSG00000145780	FEM1C	0.561508581	0.315291886	1.2145E-305
ENSG00000270055	AC127502.2	0.561433732	0.315207835	6.5836E-303
ENSG00000141012	GALNS	0.561348153	0.315111749	1.9854E-305
ENSG00000109667	SLC2A9	0.561326718	0.315087685	4.6813E-304
ENSG00000166002	SMCO4	0.561156315	0.31489641	1.3736E-306

ENSG00000198089	SFI1	0.561137541	0.31487534	8.3498E-304
ENSG00000124613	ZNF391	0.561052927	0.314780387	0
ENSG00000127249	ATP13A4	0.560970278	0.314687653	2.7136E-302
ENSG00000183741	CBX6	0.560879265	0.31458555	1.8387E-303
ENSG00000174886	NDUFA11	0.560837888	0.314539137	3.6411E-306
ENSG00000126432	PRDX5	0.560655042	0.314334077	6.37E-306
ENSG00000006042	TMEM98	0.560592358	0.314263792	2.0036E-304
ENSG00000164124	TMEM144	0.560379139	0.314024779	1.4804E-305
ENSG00000128951	DUT	0.560278801	0.313912335	2.0114E-305
ENSG00000088881	EBF4	0.560272265	0.313905011	2.2808E-301
ENSG00000181409	AATK	0.560235486	0.313863799	5.9562E-304
ENSG00000212694	LINC01089	0.560025659	0.313628739	2.5433E-308
ENSG00000180155	LYNX1	0.559982915	0.313580865	1.5032E-306
ENSG00000226742	HSBP1L1	0.559956476	0.313551255	2.5635E-297
ENSG00000161381	PLXDC1	0.559920094	0.313510512	6.0113E-305

ENSG00000241839	PLEKHO2	0.559911005	0.313500334	1.8723E-306
ENSG00000119509	INVS	0.559836827	0.313417273	2.0084E-303
ENSG0000010292	NCAPD2	0.55980537	0.313382053	2.2104E-303
ENSG00000205702	CYP2D7	0.559781405	0.313355222	1.7872E-299
ENSG00000181031	RPH3AL	0.559692552	0.313255752	5.7089E-297
ENSG00000099968	BCL2L13	0.559639463	0.313196328	3.6636E-303
ENSG00000124564	SLC17A3	0.559629865	0.313185586	1.4563E-304
ENSG00000138172	CALHM2	0.55945052	0.312984884	1.4308E-301
ENSG00000198417	MT1F	0.55941535	0.312945534	7.2468E-303
ENSG00000170484	KRT74	0.559233419	0.312742017	4.2859E-270
ENSG00000214846	AC114744.1	0.559221972	0.312729214	1.3049E-302
ENSG00000187862	TTC24	0.558841943	0.312304318	1.6018E-303
ENSG00000166452	AKIP1	0.558703458	0.312149554	2.4397E-303
ENSG00000115232	ITGA4	0.558610383	0.31204556	3.5514E-299
ENSG00000145979	TBC1D7	0.558577476	0.312008797	1.0602E-273

ENSG0000073060	SCARB1	0.558576691	0.31200792	3.9329E-299
ENSG00000186153	WVOX	0.558440702	0.311856018	1.0406E-297
ENSG00000160255	ITGB2	0.558354098	0.311759299	1.8191E-301
ENSG00000069424	KCNAB2	0.558215058	0.311604051	1.0743E-302
ENSG00000166035	LIPC	0.558086171	0.311460174	1.7352E-298
ENSG00000138399	FASTKD1	0.558039375	0.311407944	1.8299E-302
ENSG00000112992	NNT	0.558031383	0.311399024	1.0587E-299
ENSG00000206344	HCG27	0.55778733	0.311126705	3.9267E-302
ENSG00000089063	TMEM230	0.55775401	0.311089536	1.3233E-303
ENSG00000126467	TSKS	0.557747702	0.311082499	4.8251E-298
ENSG00000260911	AC135050.3	0.557747245	0.311081989	2.6193E-305
ENSG00000237276	ANO7L1	0.557683049	0.311010383	5.3845E-302
ENSG00000160199	PKNOX1	0.557599607	0.310917322	1.786E-300
ENSG00000166341	DCHS1	0.557527656	0.310837087	1.6395E-296
ENSG00000229759	MRPS18AP1	0.557524258	0.310833298	5.1497E-305

ENSG00000166881	NEMP1	0.557453288	0.310754168	3.2902E-303
ENSG00000183160	TMEM119	0.557285186	0.310566778	1.0092E-298
ENSG00000123213	NLN	0.557118632	0.31038117	9.0563E-303
ENSG00000154227	CERS3	0.557052448	0.31030743	9.3261E-300
ENSG00000159648	TEPP	0.55694924	0.310192456	4.9503E-301
ENSG00000125885	MCM8	0.556774628	0.309997987	2.5612E-302
ENSG00000172243	CLEC7A	0.556725705	0.309943511	1.8338E-295
ENSG00000165178	NCF1C	0.556722141	0.309939542	1.025E-197
ENSG00000150556	LYPD6B	0.556619081	0.309824801	3.4458E-299
ENSG00000138185	ENTPD1	0.556588901	0.309791205	3.7738E-299
ENSG00000167895	TMC8	0.556586002	0.309787977	1.5999E-296
ENSG00000102606	ARHGEF7	0.556454099	0.309641165	1.235E-297
ENSG00000064270	ATP2C2	0.556251163	0.309415356	7.6301E-295
ENSG00000220785	MTMR9LP	0.556116993	0.30926611	3.6272E-303
ENSG00000006740	ARHGAP44	0.555802282	0.308916176	1.5695E-299

ENSG00000175857	GAPT	0.555753842	0.308862333	5.5601E-301
ENSG00000197599	CCDC154	0.555521462	0.308604095	9.3561E-298
ENSG00000244291	N.A.	0.555423866	0.308495671	4.8947E-299
ENSG00000198363	ASPH	0.555392813	0.308461177	5.7495E-295
ENSG00000108592	FTSJ3	0.555285873	0.308342401	2.2714E-300
ENSG00000224513	AC109309.1	0.555204691	0.308252249	1.01E-294
ENSG00000014257	ACP3	0.555161368	0.308204145	1.1498E-294
ENSG00000022567	SLC45A4	0.555141689	0.308182295	1.142E-298
ENSG00000084110	HAL	0.555054753	0.308085779	1.582E-294
ENSG00000269468	N.A.	0.555002593	0.308027878	4.4363E-297
ENSG00000043514	TRIT1	0.554915794	0.307931539	2.2488E-298
ENSG00000131042	LILRB2	0.554772671	0.307772716	3.6778E-294
ENSG00000166548	TK2	0.554624103	0.307607896	5.3905E-298
ENSG00000132823	OSER1	0.554608159	0.30759021	5.6542E-298
ENSG00000159267	HLCS	0.554572554	0.307550718	6.6881E-294

ENSG00000269834	ZNF528-AS1	0.554439255	0.307402888	9.9587E-294
ENSG00000233806	LINC01237	0.55438646	0.307344347	3.3751E-299
ENSG00000259363	AC090825.1	0.554143772	0.30707532	4.1694E-292
ENSG00000159202	UBE2Z	0.553846515	0.306745962	3.328E-300
ENSG00000037280	FLT4	0.553811032	0.306706659	1.5658E-295
ENSG00000156603	MED19	0.553640946	0.306518297	5.6298E-294
ENSG00000104714	ERICH1	0.553632953	0.306509446	5.7656E-294
ENSG00000156261	CCT8	0.55358351	0.306454703	1.2107E-296
ENSG00000137185	ZSCAN9	0.553530981	0.306396547	4.3621E-298
ENSG00000237914	SIRPG-AS1	0.553383758	0.306233584	5.6001E-295
ENSG00000184304	PRKD1	0.553200461	0.30603075	2.2962E-299
ENSG00000176593	AC008969.1	0.55316238	0.305988619	1.083E-294
ENSG00000120008	WDR11	0.553118644	0.305940235	4.844E-296
ENSG00000184182	UBE2F	0.552944527	0.30574765	2.0716E-294
ENSG00000129515	SNX6	0.552889527	0.305686829	2.9576E-297

ENSG00000104883	PEX11G	0.552889105	0.305686363	2.9613E-297
ENSG00000171033	PKIA	0.55281527	0.305604723	3.6902E-297
ENSG00000187231	SESTD1	0.552786174	0.305572554	3.3182E-294
ENSG00000204054	LINC00963	0.552617207	0.305385777	3.8979E-290
ENSG00000146457	WTAP	0.552583605	0.30534864	7.3576E-297
ENSG00000161981	SNRNP25	0.55250189	0.305258339	3.0384E-295
ENSG00000163472	TMEM79	0.552388852	0.305133444	4.2523E-295
ENSG00000197992	CLEC9A	0.552023494	0.304729938	3.1975E-293
ENSG00000265975	AC002091.1	0.551973016	0.30467421	8.9049E-298
ENSG00000249741	AC093890.1	0.551831782	0.304518316	1.3552E-297
ENSG00000261804	AC007342.4	0.5515371	0.304193172	1.6503E-295
ENSG00000160117	ANKLE1	0.551451044	0.304098254	6.8789E-294
ENSG00000069493	CLEC2D	0.551300864	0.303932643	2.7208E-292
ENSG00000150625	GPM6A	0.551178043	0.303797236	1.5442E-293
ENSG00000237517	DGCR5	0.551121346	0.303734738	5.6611E-295

ENSG00000259520	AC051619.4	0.550991718	0.303591873	2.6805E-293
ENSG0000014164	ZC3H3	0.550575478	0.303133357	2.3218E-291
ENSG00000092621	PHGDH	0.55018846	0.302707341	1.56E-289
ENSG00000144214	LYG1	0.550170954	0.302688078	7.6576E-291
ENSG00000268204	AC008763.1	0.550169774	0.30268678	1.8686E-295
ENSG00000151327	FAM177A1	0.549980574	0.302478631	1.342E-290
ENSG00000157954	WIPI2	0.549891801	0.302380992	3.7362E-289
ENSG00000095917	TPSD1	0.549817956	0.302299785	8.5802E-292
ENSG00000164512	ANKRD55	0.549734041	0.302207516	2.7736E-290
ENSG00000231386	MOB4P1	0.549514118	0.301965765	1.2949E-294
ENSG00000178860	MSC	0.549485303	0.301934098	2.2857E-291
ENSG00000162461	SLC25A34	0.549470306	0.301917617	1.4734E-294
ENSG00000237886	NALT1	0.549419721	0.30186203	2.7723E-291
ENSG00000226942	IL9RP3	0.549415791	0.301857711	8.7316E-293
ENSG00000225234	TRAPPC12-AS1	0.549407703	0.301848824	7.2445E-290

ENSG00000169062	UPF3A	0.549199039	0.301619585	5.4101E-287
ENSG00000106392	C1GALT1	0.549001964	0.301403156	5.1035E-288
ENSG00000168883	USP39	0.548619614	0.300983481	7.3287E-289
ENSG00000187498	COL4A1	0.548566611	0.300925326	1.8287E-287
ENSG00000246582	AC100861.1	0.548559005	0.300916982	3.4783E-290
ENSG00000136238	RAC1	0.548433167	0.300778939	1.2659E-288
ENSG00000054967	RELT	0.548424814	0.300769776	5.1564E-290
ENSG00000178607	ERN1	0.548421092	0.300765694	1.6272E-291
ENSG00000104177	MYEF2	0.548379824	0.300720431	1.8367E-291
ENSG00000006652	IFRD1	0.548157249	0.300476369	1.9499E-284
ENSG00000166321	NUDT13	0.548027226	0.300333841	1.0277E-292
ENSG00000151773	CCDC122	0.547930783	0.300228143	2.2143E-285
ENSG00000250318	AC003072.1	0.547849112	0.30013865	6.9987E-288
ENSG00000178802	MPI	0.547812311	0.300098328	3.1029E-289
ENSG00000244041	LINC01011	0.547640245	0.299909838	5.1706E-285

ENSG00000256069	A2MP1	0.547561484	0.299823579	6.4637E-289
ENSG00000166527	CLEC4D	0.547483291	0.299737954	8.1242E-289
ENSG00000260549	MT1L	0.547439346	0.299689838	9.2897E-285
ENSG00000173372	C1QA	0.547427989	0.299677403	2.3964E-287
ENSG00000104899	AMH	0.547202708	0.299430803	1.1512E-291
ENSG00000257027	AC010186.3	0.547093737	0.299311557	2.6069E-258
ENSG00000204237	OXLD1	0.546720429	0.298903227	2.363E-289
ENSG00000159556	ISL2	0.546651029	0.298827348	9.222E-284
ENSG00000070087	PFN2	0.546578947	0.298748545	3.5708E-289
ENSG00000165929	TC2N	0.546488965	0.298650189	3.7045E-286
ENSG00000182109	N.A.	0.546138532	0.298267296	1.0269E-285
ENSG00000159399	HK2	0.545930521	0.298040134	1.8799E-285
ENSG00000270030	N.A.	0.545924672	0.298033747	7.6499E-287
ENSG00000241666	AL031733.2	0.545789087	0.297885728	2.8352E-285
ENSG00000132832	AL139352.1	0.545768756	0.297863535	3.0144E-265

ENSG00000182511	FES	0.545763185	0.297857454	1.2142E-282
ENSG00000226416	MRPL23-AS1	0.545699862	0.29778834	3.6737E-285
ENSG00000196867	ZFP28	0.545618765	0.297699837	1.8614E-286
ENSG00000198625	MDM4	0.545615088	0.297695824	1.184E-289
ENSG00000009790	TRAF3IP3	0.545554185	0.297629369	5.6074E-285
ENSG00000197362	ZNF786	0.545354605	0.297411645	2.5262E-289
ENSG00000212719	LINC02693	0.545354105	0.297411099	3.9717E-282
ENSG00000260671	AC010536.2	0.545294935	0.297346566	3.0048E-289
ENSG00000155097	ATP6V1C1	0.545272753	0.297322375	5.0836E-286
ENSG00000042832	TG	0.545249936	0.297297493	1.3553E-284
ENSG00000228389	N.A.	0.545110969	0.297145969	5.1289E-289
ENSG00000112799	LY86	0.545090211	0.297123338	2.1532E-284
ENSG00000211936	N.A.	0.545023109	0.297050189	1.0487E-285
ENSG00000107819	SFXN3	0.544970932	0.296993317	3.0419E-284
ENSG00000146859	TMEM140	0.544900338	0.296916378	4.7159E-287

ENSG00000185339	TCN2	0.544846415	0.296857615	9.2286E-283
ENSG00000182010	RTKN2	0.544342693	0.296308968	7.3857E-281
ENSG00000103479	RBL2	0.544330918	0.296296148	2.4561E-286
ENSG00000155849	ELMO1	0.54416674	0.296117441	3.1141E-283
ENSG00000154035	N.A.	0.543940963	0.295871771	1.5258E-287
ENSG00000166441	RPL27A	0.543866998	0.295791312	2.976E-284
ENSG00000131697	NPHP4	0.543789419	0.295706932	1.9524E-281
ENSG00000181274	FRAT2	0.543676806	0.295584469	1.6287E-285
ENSG00000043591	ADRB1	0.543611358	0.295513308	6.0753E-280
ENSG00000126231	PROZ	0.543412886	0.295297565	1.1035E-283
ENSG00000182179	UBA7	0.543351566	0.295230924	8.3863E-287
ENSG00000186715	MST1L	0.543317068	0.295193437	5.4743E-243
ENSG00000198912	C1orf174	0.543299749	0.295174617	4.8372E-285
ENSG00000158286	RNF207	0.543231542	0.295100508	5.8891E-285
ENSG00000227603	N.A.	0.542994812	0.294843366	3.6813E-283

ENSG00000241657	TRBV11-2	0.542904794	0.294745615	1.5106E-284
ENSG00000260528	FAM157C	0.542792686	0.2946239	3.4362E-280
ENSG00000267265	AC011476.3	0.542722971	0.294548224	8.0503E-283
ENSG00000240859	AC093627.4	0.542671826	0.29449271	9.3263E-283
ENSG00000177519	RPRM	0.542529193	0.294337926	2.2874E-277
ENSG00000165061	ZMAT4	0.542432347	0.294232851	1.7955E-278
ENSG00000123610	TNFAIP6	0.54239874	0.294196393	1.3088E-285
ENSG00000107281	NPDC1	0.542390534	0.294187491	5.1856E-281
ENSG00000162078	ZG16B	0.542376814	0.294172609	5.394E-281
ENSG00000175643	RMI2	0.542192344	0.293972538	1.1739E-283
ENSG00000153214	TMEM87B	0.542116554	0.293890358	1.1383E-280
ENSG00000167525	PROCA1	0.542109053	0.293882225	1.4913E-283
ENSG00000228960	OR2A9P	0.542103132	0.293875806	3.2785E-194
ENSG00000170852	KBTBD2	0.541954102	0.293714249	1.8138E-280
ENSG00000243628	N.A.	0.541888766	0.293643435	2.808E-283

ENSG0000047579	DTNBP1	0.541847633	0.293598857	2.4611E-280
ENSG00000170035	UBE2E3	0.54150642	0.293229203	2.6468E-281
ENSG00000085871	MGST2	0.541495303	0.293217163	2.6229E-277
ENSG00000196476	C20orf96	0.541355854	0.293066161	4.074E-281
ENSG00000132824	SERINC3	0.541350178	0.293060015	1.3165E-282
ENSG00000133313	CNDP2	0.541297449	0.293002928	4.6154E-277
ENSG00000111328	CDK2AP1	0.54127247	0.292975887	1.645E-282
ENSG00000105519	CAPS	0.541236378	0.292936817	1.8242E-282
ENSG00000162736	NCSTN	0.541078849	0.292766321	2.8644E-282
ENSG00000138293	N.A.	0.541066768	0.292753247	2.3E-279
ENSG00000213901	SLC23A3	0.540977944	0.292657136	3.8238E-282
ENSG00000205809	KLRC2	0.540944067	0.292620483	1.3237E-280
ENSG00000157426	AASDH	0.540722012	0.292380294	7.9533E-282
ENSG00000104497	SNX16	0.540559651	0.292204737	3.9712E-280
ENSG00000189129	PLAC9	0.540414288	0.292047603	3.0986E-277

ENSG00000211812	TRAV26-2	0.540373411	0.292003423	4.3712E-283
ENSG00000164930	FZD6	0.5402363	0.29185526	9.5E-276
ENSG00000188312	CENPP	0.540134891	0.2917457	4.2572E-281
ENSG00000138942	RNF185	0.539884102	0.291474844	8.7075E-281
ENSG00000101460	MAP1LC3A	0.539713707	0.291290885	2.8769E-282
ENSG00000129007	CALML4	0.539570627	0.291136461	1.6378E-277
ENSG00000167720	SRR	0.539499506	0.291059717	5.2996E-282
ENSG00000165934	CPSF2	0.539336416	0.29088377	1.2973E-278
ENSG00000157240	FZD1	0.539322963	0.290869258	3.3115E-277
ENSG00000228050	TOP3BP1	0.539248828	0.290789298	1.6642E-278
ENSG00000145817	YIPF5	0.539247251	0.290787598	5.3442E-280
ENSG00000136111	TBC1D4	0.539181421	0.290716605	4.9505E-277
ENSG00000132199	ENOSF1	0.539094267	0.290622628	2.5823E-278
ENSG00000101161	PRPF6	0.539050346	0.290575276	2.9256E-278
ENSG00000100124	ANKRD54	0.538990356	0.290510604	2.2601E-281

ENSG00000136868	SLC31A1	0.538745205	0.290246396	3.5546E-275
ENSG00000117862	TXNDC12	0.538618273	0.290109644	2.4468E-276
ENSG00000205808	PLPP6	0.538575543	0.290063616	1.0568E-273
ENSG00000151498	ACAD8	0.538355261	0.289826387	2.1036E-277
ENSG00000231663	COA6-AS1	0.538050466	0.289498304	4.9891E-277
ENSG00000211750	TRBV24-1	0.538016267	0.289461504	5.4964E-277
ENSG00000158747	NBL1	0.537974663	0.289416738	2.8158E-207
ENSG00000169230	PRELID1	0.537823923	0.289254572	9.4741E-277
ENSG00000172260	NEGR1	0.537620873	0.289036204	4.1156E-275
ENSG00000135698	MPHOSPH6	0.537571423	0.288983034	6.2137E-278
ENSG00000163864	NMNAT3	0.537468254	0.288872124	6.3335E-275
ENSG00000198189	HSD17B11	0.53741934	0.288819547	1.5087E-273
ENSG00000116117	PARD3B	0.537386822	0.288784597	1.0475E-277
ENSG00000227533	SLC2A1-AS1	0.537204023	0.288588162	5.4646E-276
ENSG00000089199	CHGB	0.537006721	0.288376219	9.5377E-276

ENSG00000196810	CTBP1-DT	0.53695131	0.288316709	3.5867E-277
ENSG00000132965	ALOX5AP	0.536923721	0.288287082	7.9382E-279
ENSG00000249859	PVT1	0.536351751	0.287673201	3.0481E-272
ENSG00000213366	GSTM2	0.536217211	0.287528898	2.047E-268
ENSG00000166523	CLEC4E	0.535995333	0.287290997	1.6475E-274
ENSG00000157782	CABP1	0.535937261	0.287228747	6.2554E-276
ENSG00000142856	ITGB3BP	0.535912009	0.287201681	2.0825E-274
ENSG00000132329	RAMP1	0.535529268	0.286791597	5.5919E-270
ENSG00000060709	RIMBP2	0.535480059	0.286738894	2.8439E-198
ENSG00000263899	N.A.	0.535478821	0.286737568	2.2707E-275
ENSG00000205309	NT5M	0.535454717	0.286711754	7.5254E-274
ENSG00000176490	DIRAS1	0.535429613	0.28668487	2.6074E-275
ENSG00000249673	NOP14-AS1	0.535407491	0.286661182	8.5922E-274
ENSG00000182580	EPHB3	0.535341155	0.286590152	9.4677E-270
ENSG00000137764	MAP2K5	0.535316775	0.28656405	2.6946E-272

ENSG00000258819	LINC02289	0.535219936	0.28646038	1.4543E-273
ENSG00000125510	OPRL1	0.535160723	0.286397	1.717E-273
ENSG00000108264	N.A.	0.535011304	0.286237096	8.4384E-275
ENSG00000173200	PARP15	0.534873296	0.286089443	1.9235E-270
ENSG00000188785	ZNF548	0.53484284	0.286056863	4.1854E-273
ENSG00000211973	IGHV1-69	0.534733602	0.285940025	5.6834E-273
ENSG00000169397	RNASE3	0.534588312	0.285784663	8.5363E-273
ENSG00000130775	THEMIS2	0.534551277	0.285745068	3.0645E-274
ENSG00000204930	FAM221B	0.534488584	0.285678047	3.6527E-274
ENSG00000263812	N.A.	0.534442941	0.285629257	1.2821E-272
ENSG00000137135	ARHGEF39	0.534413901	0.285598217	3.3731E-271
ENSG00000151655	ITIH2	0.534222939	0.285394149	1.1833E-269
ENSG00000177685	CRACR2B	0.534221319	0.285392418	1.7111E-260
ENSG00000227012	LINC02527	0.534200607	0.285370289	8.1794E-274
ENSG00000234456	MAGI2-AS3	0.534178438	0.285346604	2.435E-268

ENSG00000184271	POU6F1	0.53403454	0.28519289	1.3015E-273
ENSG00000196511	TPK1	0.53397382	0.285128041	1.1529E-270
ENSG00000110514	MADD	0.533928382	0.285079517	5.4024E-272
ENSG00000065802	ASB1	0.533742851	0.284881431	2.9412E-273
ENSG00000165714	BORCS5	0.533610907	0.2847406	1.943E-266
ENSG00000109819	PPARGC1A	0.533597474	0.284726264	1.2276E-267
ENSG00000243753	HLA-L	0.533541022	0.284666022	1.5926E-271
ENSG00000180198	RCC1	0.533514923	0.284638173	1.7128E-271
ENSG00000011021	CLCN6	0.533302815	0.284411893	7.483E-270
ENSG00000035687	ADSS2	0.533227426	0.284331488	3.8174E-271
ENSG00000144843	ADPRH	0.533097386	0.284192823	5.4838E-271
ENSG00000197798	FAM118B	0.533095938	0.284191279	1.7888E-272
ENSG00000241163	LINC00877	0.533018249	0.284108453	1.652E-269
ENSG00000235944	ZNF815P	0.532797427	0.283873099	6.2575E-268
ENSG00000136247	ZDHHC4	0.532436638	0.283488774	1.1216E-271

ENSG00000138463	SLC49A4	0.532384543	0.283433302	9.6103E-269
ENSG00000170873	MTSS1	0.532236012	0.283275172	8.7939E-265
ENSG00000125246	CLYBL	0.532068012	0.283096369	8.5524E-266
ENSG00000196458	ZNF605	0.531851617	0.282866143	2.5451E-264
ENSG00000072818	ACAP1	0.531787712	0.282798171	5.0289E-268
ENSG00000170558	CDH2	0.531743447	0.282751093	5.6849E-268
ENSG00000224997	N.A.	0.531741721	0.282749258	2.3715E-269
ENSG00000205221	VIT	0.531698869	0.282703687	1.8074E-272
ENSG00000161640	SIGLEC11	0.531649509	0.282651201	3.0622E-269
ENSG00000259652	AC090181.1	0.531641035	0.28264219	7.549E-268
ENSG00000122783	CYREN	0.531638319	0.282639302	7.6059E-268
ENSG00000138074	SLC5A6	0.531593632	0.282591789	8.6076E-268
ENSG00000197558	SSPOP	0.531572042	0.282568836	3.7954E-269
ENSG00000232229	LINC00865	0.531554459	0.282550143	3.9849E-269
ENSG00000122512	PMS2	0.531475201	0.28246589	4.4043E-265

ENSG00000178878	APOLD1	0.531431833	0.282419793	4.9647E-265
ENSG00000224397	PELATON	0.531256913	0.282233908	2.1851E-267
ENSG00000085491	SLC25A24	0.531256163	0.282233111	2.1897E-267
ENSG00000104805	NUCB1	0.531226737	0.282201846	9.8748E-269
ENSG00000142082	SIRT3	0.531193577	0.282166617	3.534E-270
ENSG00000146592	CREB5	0.531161251	0.282132275	2.8467E-267
ENSG00000234286	AC006026.3	0.531108964	0.282076731	9.2862E-272
ENSG00000266714	MYO15B	0.531095219	0.282062132	3.082E-262
ENSG00000025708	TYMP	0.531064829	0.282029853	7.5829E-266
ENSG00000181754	AMIGO1	0.530839597	0.281790677	9.4149E-270
ENSG00000254396	AL355432.1	0.530824401	0.281774545	1.4723E-265
ENSG00000247774	PCED1B-AS1	0.530797649	0.281746145	7.7727E-267
ENSG00000235162	C12orf75	0.530652105	0.281591656	4.8363E-268
ENSG00000138777	PPA2	0.530550657	0.281484	5.6382E-264
ENSG00000099330	OCEL1	0.530430071	0.28135606	1.2803E-262

ENSG0000051009	FAM160A2	0.530335498	0.281255741	2.7815E-266
ENSG00000169696	ASPSCR1	0.529691205	0.280572773	1.6397E-265
ENSG00000162366	PDZK1IP1	0.529683584	0.280564699	4.7805E-270
ENSG00000162490	DRAXIN	0.529578634	0.280453529	3.132E-175
ENSG00000103852	TTC23	0.529366303	0.280228682	1.6734E-266
ENSG00000234336	JAZF1-AS1	0.529353708	0.280215349	1.7324E-266
ENSG00000173327	MAP3K11	0.529327055	0.280187131	6.1164E-268
ENSG00000196814	MVB12B	0.529287945	0.280145728	4.9678E-265
ENSG00000156171	DRAM2	0.529262649	0.280118951	3.1524E-261
ENSG00000167850	CD300C	0.529189597	0.280041629	1.3216E-263
ENSG00000117054	ACADM	0.529121939	0.279970027	7.837E-265
ENSG00000223496	EXOSC6	0.52900062	0.279841656	4.5721E-266
ENSG00000144136	SLC20A1	0.528943848	0.279781594	1.755E-267
ENSG00000187145	N.A.	0.528890459	0.279725118	6.1874E-266
ENSG00000184923	NUTM2A	0.528883723	0.279717992	4.7357E-244

ENSG00000177990	DPY19L2	0.528727543	0.279552815	9.6768E-266
ENSG00000223648	IGHV3-64	0.528720171	0.27954502	9.8745E-266
ENSG00000171109	MFN1	0.528460994	0.279271023	2.0104E-265
ENSG00000213713	PIGCP1	0.528424213	0.279232149	1.531E-268
ENSG00000174171	AC020659.1	0.528414811	0.279222212	5.4481E-264
ENSG00000122679	RAMP3	0.528349104	0.279152776	1.3215E-262
ENSG00000181458	TMEM45A	0.52827373	0.279073134	3.3589E-265
ENSG00000140416	TPM1	0.528127452	0.278918605	1.1964E-263
ENSG00000145241	CENPC	0.528117991	0.278908613	5.1461E-265
ENSG00000120708	TGFBI	0.528024695	0.278810078	1.5848E-263
ENSG00000137225	CAPN11	0.52800583	0.278790156	6.9961E-265
ENSG00000180999	C1orf105	0.527977185	0.278759908	1.8047E-263
ENSG00000185442	FAM174B	0.52760958	0.278371869	9.967E-262
ENSG00000174373	RALGAPA1	0.52749382	0.27824973	1.9638E-267
ENSG00000120318	ARAP3	0.527396426	0.27814699	9.8562E-201

ENSG00000177595	PIDD1	0.527229506	0.277970952	5.8434E-264
ENSG00000156414	TDRD9	0.52701126	0.277740869	1.0602E-263
ENSG00000168546	GFRA2	0.526985871	0.277714108	1.1362E-263
ENSG00000205890	AC108134.1	0.526688682	0.277400968	2.5552E-263
ENSG00000154188	ANGPT1	0.526595502	0.277302823	7.8274E-262
ENSG00000170891	CYTL1	0.526564377	0.277270043	8.5194E-262
ENSG00000257704	INAFM1	0.526536311	0.277240487	1.2792E-264
ENSG00000104427	ZC2HC1A	0.526518737	0.27722198	2.8234E-266
ENSG00000119673	ACOT2	0.526313465	0.277005863	6.0502E-259
ENSG00000214975	PPIAP29	0.526286256	0.276977223	7.6464E-263
ENSG00000198624	CCDC69	0.526157203	0.276841403	9.2453E-259
ENSG00000115306	SPTBN1	0.526057149	0.276736124	1.9535E-257
ENSG00000103496	STX4	0.525944393	0.276617505	1.3517E-265
ENSG00000229590	MSX2P1	0.525658171	0.276316513	2.0118E-259
ENSG00000248124	RRN3P1	0.525590614	0.276245494	2.4161E-259

ENSG00000132600	PRMT7	0.525424739	0.276071157	7.9503E-262
ENSG00000235010	AL512622.1	0.524873807	0.275492514	3.5413E-261
ENSG00000076554	TPD52	0.524665811	0.275274213	2.951E-258
ENSG00000170322	NFRKB	0.524633413	0.275240218	5.7096E-257
ENSG00000070495	JMJD6	0.524409593	0.275005422	1.2442E-260
ENSG00000255893	AP000786.1	0.524390053	0.274984928	9.2243E-264
ENSG00000178202	POGLUT3	0.524338966	0.274931351	5.0065E-262
ENSG00000186184	POLR1D	0.524193826	0.274779168	1.0553E-257
ENSG00000166780	BMERB1	0.524178164	0.274762748	5.4928E-259
ENSG00000115750	TAF1B	0.524127607	0.274709748	8.8697E-262
ENSG00000140497	SCAMP2	0.524034988	0.274612669	1.6196E-257
ENSG00000050555	LAMC3	0.523997862	0.274573759	8.9363E-259
ENSG00000183049	CAMK1D	0.523951264	0.274524927	2.0296E-257
ENSG00000103226	NOMO3	0.523754767	0.274319056	6.0951E-256
ENSG00000167468	GPX4	0.523628993	0.274187323	2.4164E-258

ENSG00000205356	TECPR1	0.523398333	0.273945815	4.4983E-258
ENSG00000100056	ESS2	0.523385342	0.273932216	1.3976E-262
ENSG00000104936	DMPK	0.52325767	0.273798589	9.297E-261
ENSG00000243273	AC020636.1	0.523201677	0.273739995	1.5268E-256
ENSG00000197928	ZNF677	0.523183416	0.273720887	3.4064E-259
ENSG00000153814	JAZF1	0.523105719	0.273639593	4.1993E-259
ENSG00000198734	F5	0.523079974	0.273612659	2.1176E-256
ENSG00000105793	GTPBP10	0.522922751	0.273448204	3.2308E-256
ENSG00000183091	NEB	0.522875679	0.273398976	4.8553E-229
ENSG00000006432	MAP3K9	0.522870564	0.273393626	7.9084E-259
ENSG00000160185	UBASH3A	0.522703509	0.273218958	8.6286E-240
ENSG00000258311	AC009779.3	0.522620301	0.273131979	5.1771E-260
ENSG00000176170	SPHK1	0.522441786	0.27294542	8.3689E-260
ENSG00000122085	MTERF4	0.522243878	0.272738668	1.4248E-259
ENSG00000204525	HLA-C	0.522031337	0.272516717	3.5288E-255

ENSG00000251532	AC091849.2	0.521962095	0.272444428	4.2476E-255
ENSG00000134222	PSRC1	0.521891321	0.272370551	5.1337E-255
ENSG00000111666	CHPT1	0.52181959	0.272295684	3.1231E-256
ENSG00000113300	CNOT6	0.52181857	0.27229462	1.3345E-257
ENSG00000157870	PRXL2B	0.521808755	0.272284376	3.2151E-256
ENSG00000253188	TRBV6-7	0.521748764	0.272221773	3.7755E-256
ENSG00000226822	LINC02785	0.521738819	0.272211395	7.721E-255
ENSG00000246548	LINC02288	0.521718131	0.272189808	1.2458E-260
ENSG00000181007	ZFP82	0.521697239	0.272168009	4.3341E-256
ENSG00000257495	KRT73-AS1	0.52159346	0.272059738	2.4398E-257
ENSG00000268119	AC010615.2	0.521573916	0.27203935	8.6088E-259
ENSG00000243836	WDR86-AS1	0.521525144	0.271988476	1.3673E-254
ENSG00000181027	FKRP	0.521475324	0.271936513	3.3481E-257
ENSG00000261186	LINC01238	0.521472076	0.271933126	2.4117E-260
ENSG00000170017	ALCAM	0.521325781	0.27178057	4.0935E-253

ENSG00000111215	PRR4	0.52119162	0.271640704	2.3984E-258
ENSG00000180481	GLIPR1L2	0.520943335	0.271381958	4.6623E-258
ENSG00000100024	UPB1	0.520896253	0.271332906	5.2883E-258
ENSG00000184752	NDUFA12	0.520878795	0.271314719	5.5412E-258
ENSG00000029364	SLC39A9	0.520801886	0.271234605	2.0288E-256
ENSG00000168229	PTGDR	0.520777854	0.271209573	1.0056E-253
ENSG00000158457	TSPAN33	0.520759787	0.271190756	1.8516E-252
ENSG00000149262	INTS4	0.520660074	0.271086912	2.9633E-256
ENSG00000225171	DUTP6	0.520629459	0.271055034	2.3065E-259
ENSG00000134077	THUMPD3	0.520610207	0.271034987	3.3854E-256
ENSG00000115756	HPCAL1	0.520595624	0.271019804	4.5523E-251
ENSG00000115457	IGFBP2	0.520509148	0.270929773	2.0582E-253
ENSG00000251179	TMEM92-AS1	0.520452574	0.270870881	5.1568E-256
ENSG00000144712	CAND2	0.5204176	0.270834478	7.3083E-251
ENSG00000187764	SEMA4D	0.520331791	0.270745172	1.6639E-254

ENSG00000095739	BAMBI	0.520267518	0.27067829	1.9748E-254
ENSG00000165716	DIPK1B	0.520132755	0.270538083	1.2104E-255
ENSG00000135679	MDM2	0.520084139	0.270487511	1.3779E-255
ENSG00000126368	NR1D1	0.520047677	0.270449586	5.1052E-257
ENSG00000134287	ARF3	0.520013326	0.270413859	5.5951E-257
ENSG00000156253	RWDD2B	0.519994752	0.270394542	5.8794E-257
ENSG00000207425	Y_RNA	0.519796015	0.270187897	9.6159E-247
ENSG00000226091	LINC00937	0.519442557	0.26982057	3.5112E-252
ENSG00000183604	SMG1P5	0.518994383	0.26935517	8.4405E-256
ENSG00000157111	TMEM171	0.518939393	0.269298094	3.6824E-249
ENSG00000109084	TMEM97	0.51891087	0.269268491	1.4386E-251
ENSG00000269949	AC069307.1	0.518859158	0.269214826	1.2091E-255
ENSG00000176783	RUFY1	0.518824207	0.269178558	3.1597E-250
ENSG00000166546	BEAN1	0.518744698	0.269096062	4.8582E-254
ENSG00000187116	LILRA5	0.518707235	0.269057196	1.249E-252

ENSG00000116171	SCP2	0.518608227	0.268954493	2.3549E-255
ENSG00000226233	Z82188.1	0.518371475	0.268708986	9.4888E-257
ENSG00000056736	IL17RB	0.518295738	0.268630472	5.3968E-255
ENSG00000168255	POLR2J3	0.518279594	0.268613737	4.775E-189
ENSG00000115825	PRKD3	0.518275944	0.268609954	7.7251E-251
ENSG00000250742	LINC02381	0.518236243	0.268568803	1.8707E-253
ENSG00000107020	PLGRKT	0.518122014	0.268450422	2.5317E-253
ENSG00000144485	HES6	0.518067211	0.268393635	2.9271E-253
ENSG00000258116	PPIAP45	0.51802124	0.268346005	3.306E-253
ENSG00000171469	ZNF561	0.517880352	0.268200059	1.623E-254
ENSG00000232677	LINC00665	0.517828424	0.268146277	1.9557E-226
ENSG00000167995	BEST1	0.517808103	0.268125231	4.6303E-249
ENSG00000187796	CARD9	0.517684903	0.267997658	5.8642E-256
ENSG00000134470	IL15RA	0.517682505	0.267995176	8.1011E-253
ENSG00000227598	Z94721.1	0.517617109	0.267927472	3.2585E-254

ENSG00000110719	TCIRG1	0.517591159	0.267900608	1.0314E-252
ENSG00000262319	AC007952.6	0.517499609	0.267805845	9.5801E-256
ENSG00000144320	LNPk	0.517431252	0.267735101	7.1885E-250
ENSG00000198826	ARHGAP11A	0.517365436	0.267666994	1.8728E-252
ENSG00000006607	FARP2	0.517243291	0.267540623	5.9956E-251
ENSG00000102837	OLFM4	0.51715941	0.267453855	7.4803E-251
ENSG00000099251	HSD17B7P2	0.517051935	0.267342704	9.9309E-251
ENSG00000104728	ARHGEF10	0.51673461	0.267014657	1.7774E-245
ENSG00000197965	MPZL1	0.516734118	0.267014149	1.2304E-246
ENSG00000198677	TTC37	0.516652576	0.266929884	1.2284E-251
ENSG00000104324	CPQ	0.516573762	0.266848452	1.8743E-246
ENSG00000075275	CELSR1	0.516521109	0.266794056	1.737E-251
ENSG00000230836	LINC01293	0.516485193	0.266756955	1.3997E-254
ENSG00000267080	ASB16-AS1	0.516387324	0.266655868	8.3866E-253
ENSG00000127948	POR	0.516355485	0.266622987	1.2201E-248

ENSG00000115507	OTX1	0.516301651	0.266567395	1.0511E-252
ENSG00000253982	AC100810.1	0.516277911	0.266542882	1.1189E-252
ENSG00000214900	LINC01588	0.516263132	0.266527622	6.1155E-245
ENSG00000185963	BICD2	0.516256286	0.266520553	3.4883E-251
ENSG00000196668	LINC00173	0.516215332	0.266478269	2.8523E-254
ENSG00000170265	ZNF282	0.516088593	0.266347436	1.8423E-252
ENSG00000261218	AC099524.1	0.515957732	0.266212381	9.4227E-246
ENSG00000116213	WRAP73	0.515810295	0.26606026	3.8322E-252
ENSG00000140943	MBTPS1	0.5157772	0.26602612	9.6414E-247
ENSG00000211456	SACM1L	0.515760019	0.266008398	2.9711E-249
ENSG00000143753	DEGS1	0.515725007	0.265972283	1.4104E-250
ENSG00000127412	TRPV5	0.51567938	0.265925223	1.5899E-250
ENSG00000115866	DARS1	0.515515648	0.265756383	8.3157E-252
ENSG00000162076	FLYWCH2	0.515454789	0.265693639	6.6173E-249
ENSG00000205352	PRR13	0.515278323	0.26551175	4.5562E-250

ENSG00000146242	TPBG	0.515215731	0.26544725	1.8282E-251
ENSG00000269958	AL049840.5	0.515205306	0.265436508	1.2725E-248
ENSG00000220586	TUBBP9	0.515117288	0.26534582	2.3673E-251
ENSG00000179163	FUCA1	0.514910078	0.265132388	1.1964E-249
ENSG00000157578	LCA5L	0.51484774	0.265068195	4.8011E-251
ENSG00000076555	ACACB	0.514818195	0.265037773	1.522E-249
ENSG00000227403	LINC01806	0.514754354	0.264972045	6.1329E-251
ENSG00000162643	DNAI3	0.514679482	0.264894969	7.4626E-251
ENSG00000256937	KRT17P8	0.514593267	0.26480623	9.3541E-251
ENSG00000136933	RABEPK	0.514478293	0.264687914	1.2641E-250
ENSG00000153317	ASAP1	0.514122529	0.264321975	9.3932E-249
ENSG00000141934	PLPP2	0.514055138	0.264252685	1.1202E-248
ENSG00000135643	KCNMB4	0.514034353	0.264231317	1.1827E-248
ENSG00000207650	MIR570	0.513983902	0.264179452	1.043E-244
ENSG00000269271	AC245036.5	0.513866669	0.264058953	4.2113E-247

ENSG00000178789	CD300LB	0.513822696	0.264013763	9.2108E-246
ENSG00000170802	FOXN2	0.51374414	0.263933041	2.5233E-248
ENSG00000113658	SMAD5	0.51372685	0.263915276	9.0237E-250
ENSG00000060642	PIGV	0.513628809	0.263814554	2.5372E-251
ENSG00000137216	TMEM63B	0.513404442	0.263584121	6.1202E-248
ENSG00000177106	EPS8L2	0.513378916	0.263557912	7.8401E-243
ENSG00000014216	CAPN1	0.513329574	0.263507251	1.7071E-246
ENSG00000166928	MS4A14	0.513167813	0.263341205	1.1339E-247
ENSG00000148290	SURF1	0.513027975	0.263197703	7.2824E-245
ENSG00000141564	RPTOR	0.512924506	0.263091549	1.6377E-243
ENSG00000146830	GIGYF1	0.512906389	0.263072964	5.1336E-246
ENSG00000217930	PAM16	0.512895501	0.263061795	5.281E-246
ENSG00000211720	TRBV11-1	0.512889379	0.263055515	2.3409E-247
ENSG00000128604	IRF5	0.512790724	0.262954327	3.026E-247
ENSG00000196152	ZNF79	0.512703336	0.262864711	2.8406E-250

ENSG00000213809	KLRK1	0.512533388	0.262690474	5.9086E-247
ENSG00000187260	WDR86	0.51253302	0.262690097	2.6323E-244
ENSG00000126838	PZP	0.512530204	0.262687211	1.3643E-245
ENSG00000248734	AC008906.1	0.512185204	0.262333683	1.4598E-246
ENSG00000270020	AC009108.3	0.511922242	0.262064382	6.604E-245
ENSG00000174600	CMKLR1	0.511645678	0.2617813	1.3518E-244
ENSG00000127561	SYNGR3	0.511575378	0.261709368	7.0991E-246
ENSG00000171792	RHNO1	0.511541034	0.26167423	2.668E-247
ENSG00000187546	AGMO	0.51137443	0.261503808	2.7274E-244
ENSG00000143951	WDPCP	0.511350944	0.261479788	4.3672E-247
ENSG00000227827	PKD1P2	0.511308529	0.261436412	4.8746E-247
ENSG00000181097	LINC02878	0.511083369	0.26120621	2.5373E-245
ENSG00000170615	SLC26A5	0.510904718	0.261023631	1.387E-246
ENSG00000147955	SIGMAR1	0.510824949	0.260942129	1.705E-246
ENSG00000246922	UBAP1L	0.510719027	0.260833924	2.2423E-246

ENSG00000254810	AP001189.3	0.510578209	0.260690107	3.2272E-246
ENSG00000076641	PAG1	0.510463365	0.260572847	2.8682E-243
ENSG00000005001	PRSS22	0.51037281	0.260480405	1.591E-244
ENSG00000113240	CLK4	0.510330945	0.260437673	7.7973E-242
ENSG00000269560	AC010422.4	0.510250643	0.260355719	1.652E-247
ENSG00000138459	SLC35A5	0.510160901	0.260264144	2.0832E-247
ENSG00000163293	NIPAL1	0.509997673	0.260097626	1.4452E-245
ENSG00000270120	AC007728.3	0.509964424	0.260063713	3.4606E-247
ENSG00000131778	CHD1L	0.509925156	0.260023664	3.7775E-240
ENSG00000166965	RCCD1	0.509847107	0.259944073	2.131E-245
ENSG00000247828	TMEM161B-AS1	0.509775351	0.259870908	7.4229E-244
ENSG00000179862	CITED4	0.509549836	0.259641036	3.0138E-242
ENSG00000076685	NT5C2	0.509546303	0.259637435	3.0413E-242
ENSG00000169710	FASN	0.509498883	0.259589112	5.228E-245
ENSG00000136048	DRAM1	0.509464719	0.2595543	1.2316E-239

ENSG00000114354	TFG	0.509451188	0.259540513	1.7098E-243
ENSG00000251287	ALG1L2	0.509208702	0.259293502	1.1035E-244
ENSG00000169660	HEXD	0.509201906	0.259286581	7.3681E-242
ENSG00000129244	ATP1B2	0.509108952	0.259191925	3.1419E-246
ENSG00000100462	PRMT5	0.509016201	0.259097493	3.9893E-246
ENSG00000257261	AC008014.1	0.50899396	0.259074851	5.5387E-243
ENSG00000170356	OR2A20P	0.508817281	0.258895025	9.9574E-238
ENSG00000213433	RPLP1P6	0.50870034	0.258776036	4.0775E-244
ENSG00000267769	AC011498.6	0.508644173	0.258718895	4.7104E-244
ENSG00000134545	KLRC1	0.508493478	0.258565617	4.5337E-241
ENSG00000143771	CNIH4	0.508485591	0.258557596	2.0419E-242
ENSG00000153786	ZDHHC7	0.508452389	0.258523832	5.0369E-241
ENSG00000264920	AC018521.5	0.508234273	0.258302076	8.8045E-241
ENSG00000105520	PLPPR2	0.50823097	0.258298719	3.9218E-242
ENSG00000261783	AC009054.2	0.508026809	0.258091239	2.2959E-243

ENSG00000184983	NDUFA6	0.507965306	0.258028752	2.6879E-243
ENSG00000243302	AC018638.4	0.507932966	0.257995898	1.9031E-240
ENSG00000101442	ACTR5	0.507891881	0.257954163	9.3451E-242
ENSG00000246100	LINC00900	0.507859544	0.257921317	1.0151E-241
ENSG00000104325	DECR1	0.507743266	0.257803224	4.7471E-243
ENSG00000230910	AL391807.1	0.507740809	0.257800729	3.1101E-240
ENSG00000135047	CTSL	0.507685957	0.257745031	1.5826E-241
ENSG00000008517	IL32	0.507614735	0.257672719	4.292E-240
ENSG00000145949	MYLK4	0.50746208	0.257517763	2.0591E-237
ENSG00000167600	CYP2S1	0.507426384	0.257481535	6.9427E-240
ENSG00000214063	TSPAN4	0.507274861	0.257327785	1.022E-239
ENSG00000006047	YBX2	0.507269127	0.257321967	1.5969E-242
ENSG00000180279	LINC01869	0.507253894	0.257306513	1.6603E-242
ENSG00000120899	PTK2B	0.507160809	0.257212087	1.3671E-239
ENSG00000122035	RASL11A	0.507077188	0.257127275	1.6921E-239

ENSG00000130513	GDF15	0.50705884	0.257108667	7.8558E-241
ENSG00000165410	CFL2	0.506968628	0.25701719	3.4416E-242
ENSG00000176438	SYNE3	0.506870767	0.256917975	1.4201E-235
ENSG00000112977	DAP	0.506787032	0.256833095	1.1474E-236
ENSG00000075413	MARK3	0.506776197	0.256822114	5.6252E-242
ENSG00000072952	IRAG1	0.506562234	0.256605297	6.2825E-239
ENSG00000205821	N.A.	0.506551549	0.256594472	9.9783E-242
ENSG00000162522	KIAA1522	0.506485417	0.256527477	1.1811E-241
ENSG00000156886	ITGAD	0.506455575	0.256497249	2.6632E-236
ENSG00000196821	ILRUN	0.506432133	0.256473506	1.353E-241
ENSG00000073737	DHRS9	0.506282192	0.256321657	4.4003E-243
ENSG00000230074	AL162231.2	0.50627963	0.256319063	1.9958E-241
ENSG00000138468	SENP7	0.506222686	0.256261408	2.8483E-237
ENSG00000091127	PUS7	0.506181339	0.256219548	1.6554E-238
ENSG00000268707	AL158151.4	0.506150668	0.256188499	2.772E-241

ENSG00000118004	COLEC11	0.506098608	0.256135801	3.9032E-237
ENSG00000149418	ST14	0.506058129	0.25609483	1.0058E-239
ENSG00000105808	RASA4	0.506027874	0.256064209	3.3602E-211
ENSG00000156398	SFXN2	0.505876089	0.255910617	5.5769E-241
ENSG00000100083	GGA1	0.505771955	0.255805271	4.6832E-238
ENSG00000183648	NDUFB1	0.505667036	0.255699151	6.1121E-238
ENSG00000267369	TAF5LP1	0.50543396	0.255463488	5.4127E-234
ENSG00000235532	LINC00402	0.50541077	0.255440046	2.2331E-236
ENSG00000108786	HSD17B1	0.50539287	0.255421953	5.4523E-239
ENSG00000185730	ZNF696	0.505382197	0.255411165	4.3552E-242
ENSG00000183309	ZNF623	0.505371856	0.255400713	2.0099E-240
ENSG00000101194	SLC17A9	0.505252014	0.255279598	3.338E-236
ENSG00000104774	MAN2B1	0.505242677	0.255270163	7.9815E-239
ENSG00000108604	SMARCD2	0.505210084	0.255237229	3.0312E-240
ENSG00000172006	ZNF554	0.505205786	0.255232886	3.0644E-240

ENSG00000141298	SSH2	0.505123191	0.255149438	3.7793E-240
ENSG00000175920	DOK7	0.505024273	0.255049517	1.3887E-238
ENSG00000213066	CEP43	0.504974614	0.254999361	6.7346E-236
ENSG00000262877	AC110285.2	0.504861329	0.254884962	2.0986E-238
ENSG00000182500	N.A.	0.504813037	0.254836202	2.3717E-238
ENSG00000258181	AC008083.3	0.50479855	0.254821576	8.6119E-240
ENSG00000255142	AP006621.2	0.50478635	0.254809259	8.8825E-240
ENSG00000103326	CAPN15	0.504757926	0.254780564	9.5462E-240
ENSG00000186188	FFAR4	0.504314331	0.254332945	2.9369E-239
ENSG0000029725	RABEP1	0.504160677	0.254177988	1.2358E-237
ENSG00000146066	HIGD2A	0.503939203	0.253954721	1.6942E-240
ENSG00000249572	AC034231.1	0.503871142	0.253886128	2.0126E-240
ENSG00000268081	AC123912.1	0.503813281	0.253827823	1.043E-238
ENSG00000103227	LMF1	0.503804552	0.253819027	6.7986E-236
ENSG00000182670	TTC3	0.50359616	0.253609092	2.1822E-234

ENSG00000196355	N.A.	0.503507671	0.253519975	1.4368E-235
ENSG00000096717	SIRT1	0.503266232	0.2532769	9.2865E-240
ENSG00000176623	RMDN1	0.503247568	0.253258114	1.238E-236
ENSG00000142046	TMEM91	0.50323493	0.253245395	1.005E-239
ENSG00000116106	EPHA4	0.503211238	0.25322155	3.0311E-235
ENSG00000104974	LILRA1	0.503123696	0.253133454	3.7781E-235
ENSG00000197403	OR6N1	0.503116096	0.253125806	6.0619E-238
ENSG00000229186	ADAM1A	0.503098731	0.253108334	6.3332E-238
ENSG00000158887	MPZ	0.502899592	0.252907999	1.0462E-237
ENSG00000164175	SLC45A2	0.502828624	0.252836625	1.251E-237
ENSG00000198961	PJA2	0.50280371	0.252811571	2.9835E-239
ENSG00000130475	FCHO1	0.502716351	0.252723729	1.9925E-233
ENSG00000186480	INSIG1	0.502489319	0.252495516	1.861E-234
ENSG00000215252	GOLGA8B	0.50246931	0.252475408	4.7315E-222
ENSG00000172638	EFEMP2	0.502202524	0.252207375	6.0461E-237

ENSG00000183281	PLGLB1	0.502101926	0.252106344	4.9193E-234
ENSG00000233223	AC016876.1	0.501848138	0.251851554	1.4727E-236
ENSG00000138741	TRPC3	0.501828819	0.251832164	1.5459E-236
ENSG00000118762	PKD2	0.501747131	0.251750183	2.2606E-232
ENSG00000160013	PTGIR	0.501694843	0.251697715	2.1639E-236
ENSG00000152457	DCLRE1C	0.501635036	0.251637709	7.1231E-235
ENSG00000233695	GAS6-AS1	0.501580456	0.251582954	5.7208E-231
ENSG00000119630	PGF	0.50148113	0.251483324	8.3141E-238
ENSG00000101104	PABPC1L	0.501463419	0.251465561	2.435E-233
ENSG00000127415	IDUA	0.501305925	0.251307631	1.7131E-229
ENSG00000196683	TOMM7	0.501169273	0.25117064	1.8182E-237
ENSG00000106066	CPVL	0.501152977	0.251154307	5.2928E-233
ENSG00000211630	N.A.	0.500976552	0.250977505	2.9475E-237
ENSG00000188906	LRRK2	0.500946041	0.250946936	8.8768E-233
ENSG00000206560	ANKRD28	0.500927158	0.250928018	9.3055E-233

ENSG00000232973	CYP1B1-AS1	0.50075627	0.250756842	4.47E-230
ENSG00000260188	AC002464.1	0.500745199	0.250745755	2.3365E-235
ENSG00000181381	DDX60L	0.500681963	0.250682428	8.1023E-229
ENSG00000266852	MIR4482	0.500675713	0.250676169	6.2622E-237
ENSG00000245937	LINC01184	0.500648146	0.250648566	8.4161E-234
ENSG00000160223	ICOSLG	0.500636216	0.250636621	1.9239E-232
ENSG00000178297	TMPRSS9	0.500616837	0.250617217	2.0192E-232
ENSG00000244509	APOBEC3C	0.500603459	0.250603823	3.9313E-231
ENSG00000248794	AC026436.1	0.500394774	0.25039493	5.6112E-235
ENSG00000164904	ALDH7A1	0.500380008	0.250380153	1.6439E-233
ENSG00000259803	SLC22A31	0.500360981	0.250361111	1.7239E-233
ENSG00000258831	AC103996.2	0.5002869	0.250286982	2.0739E-233
ENSG00000143924	EML4	0.500178998	0.25017903	6.0158E-232
ENSG00000159256	MORC3	0.500015757	0.250015758	4.0781E-233
ENSG00000123405	NFE2	0.499993738	0.249993738	3.4467E-236

ENSG00000186301	MST1P2	0.499879533	0.249879548	2.5881E-209
ENSG00000233306	TRGV2	0.499860555	0.249860575	4.1482E-229
ENSG00000197134	ZNF257	0.49980464	0.249804678	6.9014E-233
ENSG00000164120	HPGD	0.499784179	0.249784225	3.0209E-230
ENSG00000119227	PIGZ	0.499645621	0.249645747	4.2625E-230
ENSG00000197912	SPG7	0.499603832	0.249603989	4.0383E-234
ENSG00000230487	PSMG3-AS1	0.499564447	0.249564636	5.2148E-230
ENSG00000167363	FN3K	0.499514882	0.249515117	3.1412E-231
ENSG00000188185	LINC00265	0.499437145	0.249437462	3.8108E-231
ENSG00000223350	IGLV9-49	0.499322585	0.249323044	8.1367E-234
ENSG00000126870	DYNC2I1	0.499174429	0.249175111	1.1765E-233
ENSG00000167645	YIF1B	0.498859118	0.24886042	2.5775E-233
ENSG00000270164	LINC01480	0.498825402	0.248826782	2.8028E-233
ENSG00000129083	COPB1	0.498807283	0.248808706	6.6372E-235
ENSG00000172113	NME6	0.498693686	0.248695392	2.4126E-230

ENSG00000105287	PRKD2	0.498630515	0.24863239	2.8216E-230
ENSG00000136240	KDEL2	0.498606951	0.248608891	4.823E-233
ENSG00000141569	TRIM65	0.498573366	0.248575401	1.4732E-231
ENSG00000065809	FAM107B	0.498547257	0.248549368	3.4682E-230
ENSG00000181631	P2RY13	0.498396826	0.248399396	1.8416E-234
ENSG00000169683	LRR45	0.498377342	0.248379975	8.529E-233
ENSG00000267454	ZNF582-AS1	0.498071872	0.24807559	1.8196E-232
ENSG00000112715	VEGFA	0.498053369	0.248057158	3.6406E-227
ENSG00000183473	N.A.	0.498001007	0.248005003	1.341E-229
ENSG00000002549	LAP3	0.497882104	0.24788659	6.6094E-234
ENSG00000174788	PCP2	0.497877175	0.247881681	6.6907E-234
ENSG00000151136	BTBD11	0.49773735	0.24774247	4.809E-228
ENSG00000251000	GGCTP1	0.497729149	0.247734306	9.6581E-234
ENSG00000184669	OR7E14P	0.497572207	0.247578102	1.7584E-230
ENSG00000143851	PTPN7	0.49752351	0.247529643	4.3645E-229

ENSG00000196151	WDSUB1	0.497516628	0.247522795	2.0174E-230
ENSG00000108852	MPP2	0.497509484	0.247515687	2.0533E-230
ENSG00000163161	ERCC3	0.497461994	0.247468435	2.3091E-230
ENSG00000042286	AIFM2	0.497216115	0.247223865	9.3206E-229
ENSG00000233184	AC093157.1	0.497199945	0.247207785	1.5757E-231
ENSG00000010278	CD9	0.497160649	0.247168711	6.7361E-224
ENSG00000166667	N.A.	0.497128607	0.247136852	9.6762E-193
ENSG00000184221	OLIG1	0.496869454	0.246879255	2.191E-228
ENSG00000170340	B3GNT2	0.496714185	0.246724982	1.4627E-229
ENSG00000204282	N.A.	0.496656796	0.246667973	6.8932E-227
ENSG00000125863	MKKS	0.496636184	0.2466475	3.892E-228
ENSG00000164125	GASK1B	0.496555234	0.2465671	7.7434E-231
ENSG00000099817	POLR2E	0.496416758	0.246429598	1.2437E-226
ENSG00000269430	N.A.	0.496233648	0.246247833	4.7784E-229
ENSG00000143502	SUSD4	0.496111546	0.246126666	6.4389E-224

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ENSG00000126215	XRCC3	0.49563033	0.245649424	7.556E-230
ENSG00000169026	SLC49A3	0.495619743	0.245638929	4.7339E-227
ENSG00000231711	LINC00899	0.49555567	0.245575422	2.5307E-228
ENSG00000060762	MPC1	0.495432829	0.245453688	3.4217E-228
ENSG00000256574	OR13A1	0.495288749	0.245310944	1.7495E-229
ENSG00000101493	ZNF516	0.495248481	0.245271058	2.1841E-225
ENSG00000230124	ACBD6	0.495153721	0.245177207	6.7871E-228
ENSG00000211816	TRAV38-1	0.495153355	0.245176845	6.7932E-228
ENSG00000163956	LRPAP1	0.495131747	0.245155447	7.0725E-223
ENSG00000121578	B4GALT4	0.494951884	0.244977368	2.4331E-226
ENSG00000143466	N.A.	0.494736954	0.244764654	1.25E-223
ENSG00000136573	BLK	0.494710458	0.244738437	7.2319E-229
ENSG00000119431	HDHD3	0.494704973	0.24473301	4.4524E-226
ENSG00000129521	EGLN3	0.494625013	0.244653904	5.4141E-226

ENSG00000211642	IGLV10-54	0.494575977	0.244605397	6.1039E-226
ENSG00000118579	MED28	0.494564202	0.244593749	2.8775E-227
ENSG00000137944	KYAT3	0.494469823	0.244500405	3.6252E-227
ENSG00000110931	CAMKK2	0.494383634	0.244415178	2.9601E-223
ENSG00000186567	CEACAM19	0.494227083	0.24426041	6.4193E-222
ENSG00000183023	SLC8A1	0.49422708	0.244260407	2.6509E-224
ENSG00000152926	ZNF117	0.494187638	0.244221421	4.7729E-223
ENSG00000240563	L1TD1	0.494139525	0.244173871	5.3666E-223
ENSG00000246263	UBR5-AS1	0.494030449	0.244066085	2.3143E-225
ENSG00000269343	ZNF587B	0.493935626	0.243972402	1.3383E-226
ENSG00000173369	C1QB	0.493761645	0.243800562	4.459E-225
ENSG00000077585	GPR137B	0.493591239	0.243632311	3.0132E-221
ENSG00000205021	N.A.	0.49354101	0.243582728	5.8635E-219
ENSG00000171574	ZNF584	0.493470988	0.243513616	3.446E-229
ENSG00000242779	ZNF702P	0.493391905	0.243435572	4.8893E-221

ENSG00000168672	LRATD2	0.493353691	0.243397865	5.5374E-226
ENSG00000230730	AC074011.1	0.493350517	0.243394732	1.2144E-224
ENSG00000183060	LYSMD4	0.493224308	0.243270218	7.3434E-221
ENSG00000142025	DMRTC2	0.493103098	0.243150665	8.4646E-229
ENSG00000119718	EIF2B2	0.493081153	0.243129023	8.9304E-229
ENSG00000147883	CDKN2B	0.492940438	0.242990276	5.4749E-227
ENSG00000196776	CD47	0.492831113	0.242882506	1.9776E-225
ENSG00000167414	GNG8	0.492723276	0.242776227	2.1382E-228
ENSG00000072736	NFATC3	0.492626445	0.242680814	3.2538E-225
ENSG00000124275	MTRR	0.492483668	0.242540163	4.6043E-225
ENSG00000121380	BCL2L14	0.49248292	0.242539427	1.6684E-226
ENSG00000159788	RGS12	0.492436045	0.242493258	4.9591E-220
ENSG00000156564	LRFN2	0.492428352	0.242485682	5.0522E-220
ENSG00000148019	CEP78	0.492427588	0.24248493	4.3955E-228
ENSG00000213214	ARHGEF35	0.492427343	0.242484688	5.2799E-225

ENSG00000225476	MTCO3P5	0.49241205	0.242469627	1.9824E-226
ENSG00000152256	PDK1	0.492406634	0.242464293	3.6139E-221
ENSG00000134013	LOXL2	0.492305579	0.242364783	1.5403E-223
ENSG00000072310	SREBF1	0.492280495	0.242340086	2.7301E-226
ENSG00000133612	AGAP3	0.492273933	0.242333625	7.665E-225
ENSG00000075884	ARHGAP15	0.492265824	0.242325641	5.0824E-221
ENSG00000179253	AL162457.1	0.492176472	0.24223768	2.1069E-223
ENSG00000125445	MRPS7	0.49213361	0.24219549	8.9919E-228
ENSG00000167747	C19orf48	0.491872143	0.241938205	2.0329E-224
ENSG00000141294	LRRC46	0.491555608	0.241626916	1.5881E-225
ENSG00000166135	HIF1AN	0.491433168	0.241506558	2.1372E-225
ENSG00000170542	SERPINB9	0.491414018	0.241487738	3.6223E-181
ENSG00000107521	HPS1	0.491349979	0.241424802	1.5601E-222
ENSG00000125388	GRK4	0.491239404	0.241316152	3.4187E-225
ENSG00000100219	XBP1	0.491228409	0.241305349	9.6744E-224

ENSG00000231682	LINC01891	0.491197195	0.241274685	3.7869E-225
ENSG00000254827	SLC22A18AS	0.491090166	0.241169551	1.3519E-223
ENSG00000053900	ANAPC4	0.491083332	0.241162839	4.9899E-225
ENSG00000239265	CLRN1-AS1	0.491011134	0.241092136	1.6359E-223
ENSG00000264469	N.A.	0.49096758	0.241049165	7.2165E-221
ENSG00000198208	RPS6KL1	0.490932094	0.241014321	1.6639E-226
ENSG00000138639	ARHGAP24	0.490805447	0.240889986	2.6914E-223
ENSG00000184840	TMED9	0.490783152	0.240868102	2.8405E-223
ENSG00000256862	PARP11-AS1	0.49074284	0.240828535	1.241E-220
ENSG00000206052	DOK6	0.490687923	0.240774638	7.7257E-222
ENSG00000172985	SH3RF3	0.490393269	0.240485559	4.6653E-219
ENSG00000166401	SERPINB8	0.490387148	0.240479555	7.3932E-223
ENSG00000072858	SIDT1	0.490297932	0.240392062	1.9792E-221
ENSG00000101457	DNTTIP1	0.490237119	0.240332433	3.864E-224
ENSG00000145868	FBXO38	0.490194873	0.240291014	4.2791E-224

ENSG00000245958	SEPTIN7P14	0.489946297	0.240047374	2.1413E-222
ENSG00000173621	LRFN4	0.48994335	0.240044486	2.1565E-222
ENSG00000247982	LINC00926	0.489897906	0.239999959	8.7636E-224
ENSG00000246448	N.A.	0.489859161	0.239961997	2.6417E-222
ENSG00000147689	FAM83A	0.489857533	0.239960403	9.6602E-224
ENSG00000178752	ERFE	0.489762024	0.23986684	1.2163E-223
ENSG00000240288	GHRLOS	0.489752156	0.239857174	7.368E-221
ENSG00000107099	DOCK8	0.489644462	0.239751699	2.8206E-218
ENSG00000186340	THBS2	0.489508556	0.239618626	1.3238E-220
ENSG00000177410	ZFAS1	0.489449466	0.23956078	7.0851E-222
ENSG00000145014	TMEM44	0.489404139	0.239516412	7.9016E-222
ENSG00000258695	AC005225.3	0.489189062	0.239305938	2.8526E-220
ENSG00000122481	RWDD3	0.489002232	0.239123183	4.4673E-220
ENSG00000101361	NOP56	0.489001715	0.239122678	1.3169E-217
ENSG00000222028	PSMB11	0.488962313	0.239084144	8.3466E-223

ENSG00000100297	MCM5	0.488664996	0.238793478	1.8297E-218
ENSG00000225940	C5orf67	0.488549065	0.238680189	3.8903E-217
ENSG00000132259	CNGA4	0.488484414	0.238617022	7.1998E-221
ENSG00000232063	AL691447.2	0.488415733	0.238549928	8.489E-221
ENSG00000129673	AANAT	0.488334724	0.238470802	3.7705E-222
ENSG00000243244	STON1	0.488334172	0.238470264	3.7755E-222
ENSG00000177030	DEAF1	0.488333831	0.23846993	3.7786E-222
ENSG00000171595	DNAI2	0.488280407	0.238417756	1.1743E-220
ENSG00000100147	CCDC134	0.488225416	0.238364057	4.9014E-222
ENSG00000128245	YWHAH	0.488152476	0.23829284	1.5956E-220
ENSG00000176595	KBTBD11	0.487835925	0.23798389	3.1095E-215
ENSG00000159111	MRPL10	0.487672199	0.237824173	5.0385E-220
ENSG00000188641	DPYD	0.487585429	0.237739551	1.3287E-218
ENSG00000171160	MORN4	0.487565488	0.237720105	2.3835E-221
ENSG00000172830	SSH3	0.487382761	0.237541956	1.0066E-219

ENSG00000141076	UTP4	0.48735101	0.237511007	9.2959E-223
ENSG00000204149	AGAP6	0.487347315	0.237507405	1.0956E-219
ENSG00000183662	TAFA1	0.487296203	0.23745759	2.6506E-218
ENSG00000168297	PXK	0.487100008	0.237266418	4.2327E-218
ENSG00000197822	OCLN	0.486942283	0.237112787	2.8822E-219
ENSG00000131037	EPS8L1	0.486813647	0.236987527	8.377E-218
ENSG00000121577	POPDC2	0.486690244	0.236867393	5.258E-219
ENSG00000135052	GOLM1	0.486611011	0.236790276	3.9455E-215
ENSG00000161980	POLR3K	0.486508109	0.23669014	2.9832E-220
ENSG00000159348	CYB5R1	0.486487666	0.23667025	3.1323E-220
ENSG00000166913	YWHAB	0.486480329	0.23666311	3.1876E-220
ENSG00000228278	ORM2	0.486351083	0.236537376	2.5199E-217
ENSG00000102699	PARP4	0.486021949	0.236217335	9.981E-216
ENSG00000122390	NAA60	0.485736784	0.235940224	1.8742E-219
ENSG00000264247	LINC00909	0.485649265	0.235855208	2.308E-219

ENSG00000135472	FAIM2	0.485609595	0.235816679	1.4674E-216
ENSG00000170954	ZNF415	0.485513311	0.235723175	7.7071E-213
ENSG00000239415	AP001469.3	0.485477155	0.235688068	9.4295E-218
ENSG00000166503	HDGFL3	0.485420005	0.235632581	2.3008E-216
ENSG00000130299	GTPBP3	0.485270877	0.235487824	1.5387E-217
ENSG00000107554	DNMBP	0.485254529	0.235471958	5.8991E-219
ENSG00000162711	NLRP3	0.485195837	0.235415	1.6319E-212
ENSG00000164039	BDH2	0.48517256	0.235392413	7.1671E-219
ENSG00000137261	KIAA0319	0.48509859	0.235320642	8.9043E-215
ENSG00000251136	AF117829.1	0.485021776	0.235246123	2.7784E-217
ENSG00000197077	KIAA1671	0.485007611	0.235232382	2.8733E-217
ENSG00000233006	MIR3936HG	0.484719144	0.234952649	1.2104E-215
ENSG00000130489	N.A.	0.484702245	0.234936266	5.9248E-217
ENSG00000119457	SLC46A2	0.484691142	0.234925503	2.3338E-214
ENSG00000255801	AC092746.1	0.48465144	0.234887019	1.4206E-215

ENSG00000268658	LINC00664	0.484568921	0.23480704	8.1244E-217
ENSG00000149485	FADS1	0.484550571	0.234789256	3.1351E-218
ENSG00000196502	SULT1A1	0.484313131	0.234559208	1.7361E-210
ENSG00000260054	N.A.	0.483991558	0.234247829	3.1834E-216
ENSG00000261455	LINC01003	0.483960041	0.234217321	3.4295E-216
ENSG00000162384	CZIB	0.483921014	0.234179548	1.3919E-217
ENSG00000107185	RGP1	0.483909406	0.234168314	3.3705E-219
ENSG00000116830	TTF2	0.483890048	0.234149579	4.0462E-216
ENSG00000125912	NCLN	0.483696448	0.233962254	6.3914E-216
ENSG00000143149	ALDH9A1	0.483571387	0.233841286	7.4887E-211
ENSG00000175928	LRRN1	0.483411193	0.233686382	4.7741E-213
ENSG00000160695	VPS11	0.483328897	0.233606823	5.6393E-217
ENSG00000133706	LARS1	0.483234688	0.233515764	1.6624E-218
ENSG00000230148	HOXB-AS1	0.483190969	0.233473512	2.1058E-215
ENSG00000070540	WIPI1	0.483141793	0.233425992	2.0528E-210

ENSG00000113645	WWC1	0.483134617	0.233419058	1.4525E-211
ENSG00000101230	ISM1	0.483062232	0.23334912	2.852E-215
ENSG00000232559	N.A.	0.48302928	0.233317286	1.1435E-216
ENSG00000105479	CCDC114	0.482832811	0.233127524	4.8952E-215
ENSG00000157992	KRTCAP3	0.482792303	0.233088408	1.9991E-216
ENSG00000232869	TRBV29-1	0.482779488	0.233076034	2.1075E-212
ENSG00000198643	FAM3D	0.482770305	0.233067167	5.6711E-215
ENSG00000196715	VKORC1L1	0.482547955	0.232852529	9.5685E-215
ENSG00000173678	SPDYE2B	0.48247507	0.232782193	4.3058E-212
ENSG00000168237	GLYCTK	0.48244721	0.232755311	4.5059E-216
ENSG00000104388	RAB2A	0.482440586	0.232748919	4.5766E-216
ENSG00000179299	NSUN7	0.482437722	0.232746155	2.6204E-213
ENSG00000267100	ILF3-DT	0.482345852	0.232657521	1.5388E-214
ENSG00000167880	EVPL	0.482267228	0.232581679	6.8817E-216
ENSG00000100075	SLC25A1	0.482255993	0.232570843	4.0146E-213

ENSG0000006015	REX1BD	0.482240728	0.232556119	1.97E-214
ENSG00000135069	PSAT1	0.48220295	0.232519685	2.1528E-214
ENSG00000136286	MYO1G	0.482175915	0.232493613	2.294E-214
ENSG00000241399	CD302	0.482150636	0.232469235	9.2128E-212
ENSG00000129353	SLC44A2	0.481997647	0.232321732	3.4864E-214
ENSG00000168404	MLKL	0.481872014	0.232200638	2.7993E-210
ENSG00000228784	LINC00954	0.481853385	0.232182684	1.8481E-211
ENSG00000126581	BECN1	0.481834221	0.232164217	4.5114E-217
ENSG00000269951	AC090181.2	0.481828921	0.23215911	1.9281E-215
ENSG00000261305	AC005586.1	0.481695257	0.232030321	2.639E-215
ENSG00000196565	HBG2	0.48169341	0.232028541	2.6504E-215
ENSG00000140374	ETFA	0.481564767	0.231904625	2.0291E-212
ENSG00000182134	TDRKH	0.481540837	0.231881578	3.7918E-215
ENSG00000166347	CYB5A	0.481507351	0.23184933	2.321E-212
ENSG00000116678	LEPR	0.481398347	0.231744368	2.9956E-212

ENSG00000231419	LINC00689	0.481316212	0.231665295	3.6303E-212
ENSG00000263391	N.A.	0.481311546	0.231660805	1.7419E-213
ENSG00000135862	LAMC1	0.481289503	0.231639586	6.837E-215
ENSG00000172059	KLF11	0.481272468	0.231623188	1.6241E-208
ENSG00000108556	CHRNE	0.481242802	0.231594635	7.628E-215
ENSG00000168461	RAB31	0.481197513	0.231551047	1.4401E-157
ENSG00000237440	ZNF737	0.481189006	0.23154286	8.738E-211
ENSG00000115414	FN1	0.481071294	0.23142959	1.8159E-209
ENSG00000141580	WDR45B	0.48101955	0.231379808	3.4505E-213
ENSG00000179528	LBX2	0.480886882	0.231252193	4.1712E-216
ENSG00000125772	GPCPD1	0.480840901	0.231207972	4.4379E-208
ENSG00000130758	MAP3K10	0.480797519	0.231166254	2.1647E-214
ENSG00000260302	LINC01882	0.48067654	0.231049936	1.6186E-211
ENSG00000142207	URB1	0.480657534	0.231031665	8.0449E-213
ENSG00000162714	ZNF496	0.480648914	0.231023379	8.2086E-213

ENSG00000103932	RPAP1	0.480644937	0.231019556	3.0937E-214
ENSG00000135437	RDH5	0.480566115	0.230943791	3.7201E-214
ENSG00000165646	SLC18A2	0.480528782	0.23090791	2.285E-211
ENSG00000130312	MRPL34	0.480520303	0.230899762	9.8451E-216
ENSG00000158773	USF1	0.480272747	0.230661912	1.7572E-215
ENSG00000267547	AC060766.3	0.480261555	0.230651161	7.5986E-210
ENSG00000172890	NADSYN1	0.480250633	0.230640671	7.7776E-214
ENSG00000163964	PIGX	0.480218886	0.230610178	4.7071E-211
ENSG00000117592	PRDX6	0.480182004	0.230574757	2.4421E-212
ENSG00000111254	AKAP3	0.480033483	0.230432145	3.4532E-212
ENSG00000256128	LINC00944	0.479966532	0.230367872	4.0367E-212
ENSG00000163412	EIF4E3	0.479902359	0.230306274	2.3076E-191
ENSG00000110768	GTF2H1	0.479841916	0.230248264	2.0197E-213
ENSG00000231050	AL109917.1	0.479837459	0.230243987	2.0408E-213
ENSG00000175800	OR52B3P	0.479668751	0.230082111	3.0249E-213

ENSG00000244459	AC147067.1	0.479642262	0.230056699	8.594E-212
ENSG0000082996	RNF13	0.479546921	0.229965249	9.5797E-215
ENSG00000114853	ZBTB47	0.479522141	0.229941484	1.1368E-211
ENSG00000180353	HCLS1	0.479460782	0.229882642	1.3113E-211
ENSG00000161010	MRNIP	0.479397967	0.22982241	5.6592E-209
ENSG00000109944	JHY	0.479293129	0.229721904	7.2592E-213
ENSG00000176700	SCAND2P	0.479256215	0.229686519	2.1107E-211
ENSG00000054965	FAM168A	0.47909097	0.229528157	1.1538E-208
ENSG00000256582	LINC02390	0.479027806	0.229467639	1.3463E-212
ENSG0000010165	EEF1AKNMT	0.478648961	0.229104827	8.6545E-211
ENSG00000108823	SGCA	0.478483064	0.228946043	1.2719E-210
ENSG00000108448	TRIM16L	0.478454198	0.228918419	5.1082E-212
ENSG00000168056	LTBP3	0.478444647	0.22890928	5.2227E-212
ENSG00000259953	AL138756.1	0.478379894	0.228847323	3.3774E-209
ENSG00000114631	PODXL2	0.478351521	0.228820178	6.3982E-208

ENSG00000172594	SMPDL3A	0.47820513	0.228680146	1.9943E-205
ENSG00000217078	AL021407.1	0.478177376	0.228653603	2.584E-210
ENSG00000070081	NUCB2	0.478042505	0.228524636	3.5319E-210
ENSG00000222365	SNORD12B	0.478024351	0.22850728	1.3852E-211
ENSG00000111052	LIN7A	0.478004715	0.228488507	3.4705E-213
ENSG00000099889	ARVCF	0.477887692	0.228376646	2.9263E-206
ENSG00000061337	LZTS1	0.47787005	0.228359785	1.9473E-207
ENSG00000130770	ATP5IF1	0.477797251	0.228290213	6.2325E-210
ENSG00000147324	MFHAS1	0.477746137	0.228241371	4.0563E-206
ENSG00000215012	RTL10	0.477701514	0.228198737	7.7784E-210
ENSG00000148120	AOPEP	0.477407123	0.227917561	1.5367E-209
ENSG00000134539	KLRD1	0.476924519	0.227456996	4.6852E-209
ENSG00000197217	ENTPD4	0.476770424	0.227310037	6.6856E-209
ENSG00000250443	N.A.	0.476630629	0.227176757	5.2883E-205
ENSG00000154237	LRRK1	0.476527932	0.22707887	4.2934E-206

ENSG0000076248	UNG	0.476416455	0.226972638	1.512E-208
ENSG00000141293	SKAP1	0.476404034	0.226960804	1.5559E-208
ENSG0000074695	LMAN1	0.476236534	0.226801236	2.08E-211
ENSG00000146904	EPHA1	0.476228523	0.226793607	8.8086E-210
ENSG00000257285	AL132780.1	0.476209311	0.226775308	2.4365E-208
ENSG00000160214	RRP1	0.476166482	0.226734519	1.0163E-209
ENSG00000120647	CCDC77	0.476033788	0.226608167	3.3207E-211
ENSG00000197457	STMN3	0.476002595	0.22657847	1.4354E-205
ENSG00000116237	ICMT	0.475867799	0.226450162	2.0223E-209
ENSG00000255200	PGAM1P8	0.475575424	0.226171984	2.172E-206
ENSG00000182742	HOXB4	0.475519725	0.226119008	1.19E-207
ENSG00000251615	AC104825.1	0.475497978	0.226098327	4.5669E-205
ENSG00000230537	AL158071.2	0.475480967	0.22608215	4.9254E-209
ENSG00000105963	ADAP1	0.475465427	0.226067373	1.0771E-202
ENSG00000164366	CCDC127	0.475370803	0.225977401	6.3451E-209

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ENSG00000197070	ARRDC1	0.475188554	0.225804162	9.6457E-209
ENSG00000104970	KIR3DX1	0.475083202	0.225704049	1.1807E-204
ENSG00000263072	ZNF213-AS1	0.474843376	0.225476232	1.163E-205
ENSG00000133794	ARNTL	0.474806993	0.225441681	1.264E-205
ENSG00000215039	CD27-AS1	0.474715699	0.225354995	2.7362E-204
ENSG00000166971	AKTIP	0.474522475	0.225171579	4.4481E-208
ENSG00000183762	KREMEN1	0.474425592	0.225079642	1.4626E-206
ENSG00000218048	AL121949.1	0.474362424	0.225019709	1.6901E-206
ENSG00000091640	SPAG7	0.474336585	0.224995196	1.793E-206
ENSG00000186205	MTARC1	0.474319389	0.224978883	3.8557E-205
ENSG00000249684	AC106795.2	0.474235046	0.224898879	1.7833E-201
ENSG00000106113	CRHR2	0.474183031	0.224849547	9.6807E-208
ENSG00000071462	BUD23	0.474132092	0.224801241	1.0878E-207

ENSG0000064490	RFXANK	0.474033929	0.224708166	3.5826E-206
ENSG00000100360	IFT27	0.474031652	0.224706007	7.4395E-205
ENSG00000197774	EME2	0.473965575	0.224643366	4.1884E-206
ENSG00000228998	AC091167.1	0.473937003	0.224616283	4.1147E-209
ENSG00000002822	MAD1L1	0.473912174	0.224592749	6.3604E-194
ENSG00000005801	ZNF195	0.473842116	0.224526351	5.1135E-209
ENSG00000188171	ZNF626	0.473765068	0.22445334	5.1941E-201
ENSG00000122359	ANXA11	0.473654651	0.224348728	1.7584E-204
ENSG00000151151	IPMK	0.473525973	0.224226847	4.3509E-207
ENSG00000075239	ACAT1	0.473329604	0.224040914	1.7889E-205
ENSG00000184967	NOC4L	0.473302649	0.224015398	2.9682E-148
ENSG00000234506	LINC01506	0.473254748	0.223970057	8.083E-207
ENSG00000100181	TPTEP1	0.47318454	0.223903609	5.1322E-204
ENSG00000163406	SLC15A2	0.473155814	0.223876424	2.6586E-205
ENSG00000040487	SLC66A1	0.473144755	0.223865959	5.6187E-204

ENSG00000158805	ZNF276	0.472992221	0.223721641	3.8596E-205
ENSG00000108785	HSD17B1P1	0.472968977	0.223699653	1.5514E-206
ENSG00000127903	ZNF835	0.472787044	0.223527589	6.1581E-205
ENSG00000103489	XYLT1	0.47278101	0.223521884	3.467E-201
ENSG00000035862	TIMP2	0.472762821	0.223504685	6.5072E-205
ENSG00000115138	POMC	0.472747968	0.223490641	1.3856E-203
ENSG00000214548	MEG3	0.472707034	0.22345194	2.8187E-206
ENSG00000002919	SNX11	0.472681495	0.223427796	2.9876E-206
ENSG00000133030	MPRIP	0.472647539	0.223395696	8.4592E-205
ENSG00000185651	UBE2L3	0.472584079	0.223335712	9.0608E-208
ENSG0000021488	SLC7A9	0.472488837	0.223245701	2.4968E-203
ENSG00000103966	EHD4	0.472435071	0.223194896	4.9246E-202
ENSG00000159388	BTG2	0.472334513	0.223099892	1.6003E-207
ENSG00000174227	PIGG	0.472177637	0.22295172	5.0606E-203
ENSG00000106123	EPHB6	0.472155791	0.222931091	2.5604E-198

ENSG00000151883	PARP8	0.472135244	0.222911688	2.711E-204
ENSG00000136235	GPNMB	0.472046418	0.222827821	3.0842E-207
ENSG00000151148	UBE3B	0.471951918	0.222738613	4.1107E-204
ENSG00000174780	SRP72	0.471845898	0.222638552	5.229E-204
ENSG00000161921	CXCL16	0.471719833	0.222519601	6.9603E-204
ENSG00000107736	CDH23	0.471714671	0.222514731	3.8767E-200
ENSG00000136783	NIPSNAP3A	0.471614926	0.222420639	1.8121E-202
ENSG00000234678	ELF3-AS1	0.471587795	0.222395048	8.753E-207
ENSG00000198832	SELENOM	0.471565032	0.222373579	3.5334E-201
ENSG00000147894	C9orf72	0.47148411	0.222297266	2.4368E-202
ENSG00000164082	GRM2	0.471468318	0.222282375	4.3971E-201
ENSG00000111364	DDX55	0.471447212	0.222262474	4.9438E-205
ENSG00000133731	IMPA1	0.471412523	0.222229767	5.3486E-205
ENSG00000256092	SBNO1-AS1	0.471337645	0.222159175	1.6553E-203
ENSG00000175806	MSRA	0.471303777	0.222127251	9.8061E-200

ENSG00000111897	SERINC1	0.471300224	0.222123901	6.9003E-205
ENSG00000102886	GDPD3	0.471177667	0.222008393	9.1106E-205
ENSG00000128482	RNF112	0.471111003	0.221945577	2.5846E-206
ENSG00000002016	RAD52	0.470974331	0.221816821	3.7679E-203
ENSG00000183891	TTC32	0.47085067	0.221700354	1.0208E-201
ENSG00000238201	AC114752.2	0.470823717	0.221674973	2.8951E-199
ENSG00000178852	EFCAB13	0.470787857	0.221641206	2.2032E-204
ENSG00000261067	AC109460.3	0.470630407	0.22149298	8.201E-203
ENSG00000196839	ADA	0.47056393	0.221430413	3.3872E-200
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ENSG00000257743	MGAM2	0.470077575	0.220972926	1.098E-203
ENSG00000230107	AL022316.1	0.469990599	0.220891163	3.2692E-205
ENSG00000172345	STARD5	0.469942041	0.220845521	2.1047E-198
ENSG00000258476	LINC02207	0.469919244	0.220824096	1.5699E-203
ENSG00000106992	AK1	0.469908837	0.220814316	1.6072E-203

ENSG00000184517	ZFP1	0.46975365	0.220668492	2.2812E-203
ENSG00000115902	SLC1A4	0.469665307	0.220585501	7.2378E-202
ENSG00000157191	NECAP2	0.469578103	0.220503595	8.8086E-202
ENSG00000248280	N.A.	0.469559886	0.220486487	3.5315E-203
ENSG00000111186	WNT5B	0.46948163	0.220413001	4.2129E-203
ENSG00000008438	PGLYRP1	0.469440865	0.220374726	1.1998E-201
ENSG00000221947	XKR9	0.469432953	0.220367298	1.1519E-204
ENSG00000158792	SPATA2L	0.469334498	0.220274871	5.8691E-203
ENSG00000111581	NUP107	0.469326843	0.220267685	3.1629E-200
ENSG00000229648	RPSAP22	0.469281282	0.220224921	6.6167E-203
ENSG00000159110	IFNAR2	0.469254686	0.22019996	3.7197E-200
ENSG00000163660	CCNL1	0.46920787	0.220156026	7.8064E-203
ENSG00000111907	TPD52L1	0.469161776	0.220112772	8.6602E-203
ENSG00000219607	PPP1R3G	0.469158689	0.220109875	8.7206E-203
ENSG00000106771	TMEM245	0.469053705	0.220011378	1.5441E-197

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ENSG00000050767	COL23A1	0.468754949	0.219731202	5.2995E-195
ENSG00000109762	SNX25	0.468684673	0.219665323	2.5335E-202
ENSG00000182272	B4GALNT4	0.468664522	0.219646435	1.1388E-160
ENSG00000160075	SSU72	0.468619564	0.219604296	7.2019E-204
ENSG00000136193	SCRN1	0.468569131	0.21955703	8.5133E-201
ENSG00000163083	INHBB	0.46856394	0.219552166	1.753E-199
ENSG00000253738	OTUD6B-AS1	0.468528946	0.219519373	9.3168E-201
ENSG00000167984	NLRC3	0.468473529	0.219467448	2.1468E-199
ENSG00000065621	GSTO2	0.468210778	0.219221332	7.3458E-202
ENSG00000109854	HTATIP2	0.468209806	0.219220423	3.8757E-199
ENSG00000139970	RTN1	0.468144198	0.219158991	2.2081E-200
ENSG00000133318	RTN3	0.468079292	0.219098223	9.867E-202

ENSG00000248099	INSL3	0.468002318	0.21902617	1.6088E-176
ENSG00000089012	SIRPG	0.467971684	0.218997497	1.1389E-197
ENSG00000213995	NAXD	0.467888371	0.218919528	1.5141E-201
ENSG00000075975	MKRN2	0.467839193	0.21887351	4.3728E-200
ENSG00000133985	TTC9	0.467761226	0.218800565	2.7751E-196
ENSG00000099282	TSPAN15	0.467723217	0.218765008	2.1924E-201
ENSG00000157637	SLC38A10	0.467720602	0.218762561	1.1579E-198
ENSG00000133216	EPHB2	0.467626544	0.218674585	6.7042E-203
ENSG00000162174	ASRGL1	0.467462536	0.218521223	1.0158E-199
ENSG00000181778	TMEM252	0.467379467	0.218443566	1.2231E-199
ENSG00000168476	REEP4	0.467301427	0.218370623	1.3895E-202
ENSG00000121895	TMEM156	0.467272887	0.218343951	8.2395E-196
ENSG00000119383	PTPA	0.467269213	0.218340518	1.5649E-199
ENSG00000236403	AL353611.1	0.467225588	0.21829975	3.4983E-198
ENSG00000133704	IPO8	0.467054871	0.218140253	5.1201E-198

ENSG00000119977	TCTN3	0.467045538	0.218131534	9.9934E-201
ENSG00000148411	NACC2	0.467013766	0.218101858	9.6524E-197
ENSG00000232926	AC000078.1	0.46695619	0.218048083	6.3805E-198
ENSG00000206190	ATP10A	0.466876651	0.217973807	1.9898E-195
ENSG00000162729	IGSF8	0.466760788	0.217865633	9.8631E-198
ENSG00000148655	LRMDA	0.466753967	0.217859266	1.9173E-200
ENSG00000162383	SLC1A7	0.46669939	0.217808321	1.1309E-197
ENSG00000242551	POU5F1P6	0.466601192	0.217716672	2.6969E-200
ENSG00000122490	SLC66A2	0.466441884	0.217568031	3.4461E-196
ENSG00000269973	AC010969.2	0.466379837	0.217510152	1.1387E-198
ENSG00000228252	COL6A4P2	0.466333074	0.217466536	1.2637E-198
ENSG00000109689	STIM2	0.466268782	0.217406577	7.678E-195
ENSG00000161013	MGAT4B	0.466137357	0.217284035	1.9541E-198
ENSG00000142634	EFHD2	0.466111341	0.217259782	2.0707E-198
ENSG00000105991	HOXA1	0.46596245	0.217121005	2.8842E-198

ENSG00000240005	STIM2-AS1	0.465737962	0.21691185	1.8477E-199
ENSG00000139278	GLIPR1	0.465731731	0.216906046	4.8182E-198
ENSG00000131969	ABHD12B	0.465553745	0.216740289	7.1564E-198
ENSG00000186891	TNFRSF18	0.465528961	0.216717213	2.9419E-199
ENSG00000188452	CERKL	0.465428356	0.216623554	6.7719E-193
ENSG00000114626	ABTB1	0.465403169	0.21660011	9.9993E-198
ENSG00000120071	KANSL1	0.465254238	0.216461506	5.419E-199
ENSG00000086288	NME8	0.46521179	0.21642201	5.2789E-195
ENSG00000083845	RPS5	0.465088622	0.216307426	1.9413E-200
ENSG00000104979	C19orf53	0.464881712	0.216115006	3.0753E-200
ENSG00000227354	RBM26-AS1	0.464861659	0.216096362	3.2154E-200
ENSG00000151468	CCDC3	0.464836841	0.216073288	1.3694E-198
ENSG00000163606	CD200R1	0.464777482	0.216018107	1.5622E-198
ENSG00000106009	BRAT1	0.464740342	0.215983585	4.3509E-197
ENSG00000033122	LRRC7	0.464733335	0.215977073	8.9E-196

ENSG00000268575	AL031282.2	0.464628329	0.215879484	2.1749E-198
ENSG00000131669	NINJ1	0.464519022	0.215777922	7.1038E-197
ENSG00000113273	ARSB	0.464466434	0.215729068	2.7437E-194
ENSG00000250312	ZNF718	0.464441718	0.215706109	8.1708E-200
ENSG00000054282	SDCCAG8	0.464326467	0.215599068	4.2467E-198
ENSG00000057252	SOAT1	0.464154397	0.215439304	5.4634E-194
ENSG00000260404	AC110079.1	0.463996399	0.215292658	8.8204E-198
ENSG00000178209	PLEC	0.463963043	0.215261705	9.4962E-198
ENSG00000089351	GRAMD1A	0.463889251	0.215193237	1.1181E-197
ENSG00000112110	MRPL18	0.463629678	0.214952478	5.0756E-196
ENSG00000138111	MFSD13A	0.463523166	0.214853726	3.3052E-192
ENSG00000225402	AC010878.1	0.463495943	0.214828489	1.3686E-194
ENSG00000110799	VWF	0.463449413	0.214785359	7.2148E-143
ENSG00000164483	SAMD3	0.463415931	0.214754325	1.6325E-194
ENSG00000237248	LINC00987	0.463374322	0.214715762	1.7893E-194

ENSG00000104879	CKM	0.46331757	0.214663171	1.0106E-195
ENSG00000244617	ASPRV1	0.46327995	0.214628312	4.2985E-197
ENSG00000165055	METTL2B	0.463144368	0.214502706	5.0531E-193
ENSG00000105996	HOXA2	0.462835448	0.214216652	1.1461E-196
ENSG00000115956	PLEK	0.462798742	0.214182676	3.1704E-195
ENSG00000168792	ABHD15	0.462712373	0.21410274	7.6797E-194
ENSG00000157335	CLEC18C	0.462595355	0.213994463	9.9321E-194
ENSG00000169504	CLIC4	0.462573797	0.213974517	5.2013E-195
ENSG00000256417	AC006206.2	0.462561997	0.213963601	2.7262E-191
ENSG00000173221	GLRX	0.462554208	0.213956396	1.0872E-193
ENSG00000132879	FBXO44	0.462421222	0.213833387	5.0416E-190
ENSG00000198690	FAN1	0.462417265	0.213829727	2.8797E-196
ENSG00000235477	N.A.	0.462200708	0.213629494	4.638E-196
ENSG00000008083	JARID2	0.462162856	0.213594505	6.5345E-191
ENSG00000120860	WASHC3	0.462142354	0.213575556	1.3181E-197

ENSG00000257800	FNBP1P1	0.46213191	0.213565902	5.3959E-196
ENSG00000234171	RNASEH1-AS1	0.462127376	0.213561712	5.4499E-196
ENSG00000132436	FIGNL1	0.462093056	0.213529993	5.8772E-196
ENSG00000235954	TTC28-AS1	0.46198482	0.213429974	1.898E-194
ENSG00000188076	SCGB1C1	0.461938348	0.213387037	2.1019E-194
ENSG00000107201	DDX58	0.46190112	0.213352645	8.9626E-196
ENSG00000234477	AC004231.1	0.461897809	0.213349586	1.583E-189
ENSG00000146070	PLA2G7	0.461786641	0.213246902	2.0179E-189
ENSG00000125775	SDCBP2	0.461742374	0.21320602	6.455E-193
ENSG00000066032	CTNNA2	0.461732148	0.213196577	1.2992E-195
ENSG00000255050	AC067930.4	0.461205063	0.212710111	2.0929E-192
ENSG00000171954	CYP4F22	0.461150283	0.212659583	1.183E-193
ENSG00000211734	TRBV5-1	0.461080174	0.212594927	1.1731E-187
ENSG00000066735	KIF26A	0.460926516	0.212453253	6.5089E-191
ENSG00000242372	EIF6	0.460903945	0.212432447	2.0044E-196

ENSG00000091542	ALKBH5	0.460855724	0.212387999	2.2539E-193
ENSG00000198626	RYR2	0.4608146	0.212350096	9.7192E-195
ENSG00000101294	HM13	0.460757605	0.212297571	2.7628E-196
ENSG00000152760	TCTEX1D1	0.460733932	0.212275756	1.1597E-194
ENSG00000177383	MAGEF1	0.460675905	0.212222289	3.3397E-193
ENSG00000125166	GOT2	0.460627659	0.212177841	1.4634E-194
ENSG00000197299	BLM	0.460589652	0.212142828	1.5903E-194
ENSG00000169330	MINAR1	0.460559515	0.212115067	2.1636E-189
ENSG00000151725	CENPU	0.460542624	0.212099509	1.7627E-194
ENSG00000108518	PFN1	0.460506733	0.212066451	4.7873E-196
ENSG00000215845	TSTD1	0.460483578	0.212045126	5.0844E-193
ENSG00000261655	AC100803.3	0.460453323	0.212017263	2.1429E-194
ENSG00000188921	HACD4	0.460341858	0.211914627	5.8338E-187
ENSG00000160691	SHC1	0.460340689	0.21191355	6.8865E-196
ENSG00000033050	ABCF2	0.460316272	0.21189107	2.8918E-194

ENSG00000116977	LGALS8	0.460279201	0.211856943	3.1359E-194
ENSG00000025434	NR1H3	0.460252031	0.211831932	8.4304E-193
ENSG00000136856	SLC2A8	0.459965727	0.21156847	5.2806E-190
ENSG00000114650	SCAP	0.459892382	0.211501003	1.8476E-192
ENSG00000142494	SLC47A1	0.459819228	0.211433723	1.082E-188
ENSG00000113742	CPEB4	0.459752608	0.211372461	1.2127E-171
ENSG00000135074	ADAM19	0.459699772	0.21132388	2.8115E-192
ENSG00000085465	OVGP1	0.459683918	0.211309305	2.8955E-195
ENSG00000196981	WDR5B	0.459588562	0.211221646	3.5822E-192
ENSG00000224557	HLA-DPB2	0.459523767	0.211162093	4.1252E-192
ENSG00000086062	B4GALT1	0.459511799	0.211151093	4.2341E-192
ENSG00000153207	AHCTF1	0.459476822	0.21111895	4.5692E-192
ENSG00000269918	AF131215.6	0.459471669	0.211114215	9.1729E-191
ENSG00000139350	NEDD1	0.459373366	0.211023889	5.704E-195
ENSG00000184068	SREBF2-AS1	0.459349035	0.211001536	2.388E-193

ENSG00000131626	PPFIA1	0.459341137	0.21099428	6.1392E-192
ENSG00000179023	KLHDC7A	0.459149366	0.210818141	1.8481E-190
ENSG00000174705	SH3PXD2B	0.459106605	0.210778875	3.4133E-189
ENSG00000183955	KMT5A	0.459073448	0.210748431	1.099E-191
ENSG00000109743	BST1	0.459063674	0.210739456	3.7464E-189
ENSG00000153551	CMTM7	0.458963866	0.21064783	9.304E-187
ENSG00000263065	AF001548.1	0.458932055	0.210618631	5.9208E-193
ENSG00000053372	MRTO4	0.458793731	0.210491688	2.0181E-194
ENSG00000121281	ADCY7	0.458776581	0.210475952	8.3038E-193
ENSG00000132623	ANKEF1	0.458765609	0.210465884	2.1457E-191
ENSG00000140575	IQGAP1	0.458449549	0.210175989	1.6905E-192
ENSG00000172922	RNASEH2C	0.458390408	0.210121766	4.8449E-191
ENSG00000249790	AC092490.1	0.458377391	0.210109832	4.9837E-191
ENSG00000130844	ZNF331	0.45828495	0.210025095	1.205E-189
ENSG00000177096	PHETA2	0.458230072	0.209974799	2.7229E-192

ENSG00000164713	BRI3	0.458200499	0.209947697	7.314E-191
ENSG00000204577	LILRB3	0.458135859	0.209888465	1.6642E-189
ENSG00000125898	FAM110A	0.458053391	0.209812909	4.9503E-187
ENSG00000176463	SLCO3A1	0.458035433	0.209796457	1.046E-190
ENSG00000112425	EPM2A	0.457861272	0.209636944	6.061E-192
ENSG00000010295	IFFO1	0.457847681	0.209624499	6.2422E-192
ENSG00000175003	SLC22A1	0.457825055	0.209603781	5.4683E-188
ENSG00000204946	ZNF783	0.457810642	0.209590584	5.6412E-188
ENSG00000129646	QRICH2	0.457784491	0.20956664	3.5592E-189
ENSG00000198873	GRK5	0.457780919	0.209563369	1.1953E-185
ENSG00000066654	THUMPD1	0.457779209	0.209561805	7.2412E-192
ENSG00000169609	C15orf40	0.457777839	0.20956055	8.9712E-187
ENSG00000211685	IGLC7	0.45766658	0.209458698	4.5926E-189
ENSG00000155906	RMND1	0.457595761	0.209393881	2.7101E-190
ENSG00000253326	AL606534.4	0.457578617	0.20937819	2.8125E-190

ENSG00000266389	AC002091.2	0.457574327	0.209374265	2.8573E-193
ENSG00000163735	CXCL5	0.457574082	0.209374041	2.8588E-193
ENSG00000198131	ZNF544	0.457464054	0.209273361	7.1139E-189
ENSG00000165271	NOL6	0.457433175	0.20924511	3.8805E-193
ENSG00000224791	KRT18P39	0.457397604	0.209212568	1.6552E-191
ENSG00000212670	N.A.	0.457366397	0.209184022	4.4506E-190
ENSG00000175826	CTDNEP1	0.457331714	0.209152297	4.8351E-193
ENSG00000083828	ZNF586	0.457328364	0.209149233	4.832E-190
ENSG00000111875	ASF1A	0.457322964	0.209144293	4.8888E-190
ENSG00000011376	LARS2	0.457215216	0.209045754	6.1707E-190
ENSG00000100336	APOL4	0.457189363	0.209022113	6.5253E-190
ENSG00000253549	CA3-AS1	0.457162861	0.208997882	2.7508E-191
ENSG00000205837	LINC00487	0.457051704	0.20889626	2.8994E-187
ENSG00000129187	DCTD	0.456941807	0.208795815	3.6737E-187
ENSG00000136827	TOR1A	0.456839863	0.20870266	1.3879E-189

ENSG00000162627	SNX7	0.456803786	0.208669699	1.5166E-192
ENSG00000253595	LINC01300	0.456776649	0.208644907	6.3398E-191
ENSG00000172771	EFCAB12	0.456682969	0.208559334	1.9471E-189
ENSG00000182621	PLCB1	0.456628059	0.208509184	8.7391E-191
ENSG00000239713	APOBEC3G	0.456535283	0.208424465	1.0677E-190
ENSG00000250508	LINC02701	0.456506102	0.208397821	1.1371E-190
ENSG00000015676	NUDCD3	0.456369314	0.208272951	3.8796E-192
ENSG00000141524	TMC6	0.456229827	0.208145655	1.0174E-187
ENSG00000251075	HTT-AS	0.456149444	0.208072315	2.4545E-190
ENSG00000005243	COPZ2	0.45614849	0.208071445	2.0232E-186
ENSG00000269549	N.A.	0.456124173	0.208049261	1.2769E-187
ENSG00000243335	KCTD7	0.45609923	0.208026507	6.8501E-189
ENSG00000183801	OLFML1	0.456064958	0.207995246	2.9448E-190
ENSG00000176533	GNG7	0.456061071	0.2079917	7.4366E-189
ENSG00000124491	F13A1	0.456047972	0.207979753	3.7018E-185

ENSG00000160282	FTCD	0.455914041	0.207857613	6.5822E-184
ENSG00000160867	FGFR4	0.455901759	0.207846413	2.0596E-187
ENSG00000117480	FAAH	0.455850988	0.207800123	2.297E-187
ENSG00000112787	FBRSL1	0.455758382	0.207715703	6.8857E-185
ENSG00000165792	METTL17	0.45567766	0.20764213	1.6966E-188
ENSG00000136122	BORA	0.45566732	0.207632706	1.7347E-188
ENSG00000257715	AC007298.1	0.455442395	0.207427775	1.1251E-189
ENSG00000026103	FAS	0.455328078	0.207323659	3.5956E-188
ENSG00000129538	RNASE1	0.455314027	0.207310864	2.3745E-183
ENSG00000128383	APOBEC3A	0.455205548	0.207212091	9.1769E-187
ENSG00000023171	GRAMD1B	0.455197036	0.207204341	2.2891E-184
ENSG00000105854	PON2	0.455135936	0.20714872	1.0654E-186
ENSG00000142552	RCN3	0.455064203	0.207083429	6.3349E-188
ENSG00000259850	N.A.	0.455015337	0.207038956	1.3795E-186
ENSG00000160201	U2AF1	0.454980738	0.207007472	1.4856E-186

ENSG00000176125	UFSP1	0.454883089	0.206918625	3.7426E-189
ENSG00000224086	PPM1F-AS1	0.454873014	0.206909459	9.5459E-188
ENSG00000260091	AC093752.2	0.454863132	0.206900469	3.9064E-189
ENSG00000267065	LINC02080	0.454856619	0.206894544	1.0103E-190
ENSG00000160293	VAV2	0.454850904	0.206889345	1.0009E-187
ENSG00000160325	CACFD1	0.454829322	0.206869712	3.4176E-185
ENSG00000197568	HHLA3	0.454806503	0.206848955	4.4113E-189
ENSG00000101190	TCFL5	0.454729867	0.206779252	8.2598E-183
ENSG00000137393	RNF144B	0.454662954	0.206718402	2.9334E-186
ENSG00000198874	TYW1	0.454662878	0.206718333	1.4977E-187
ENSG00000237977	EIF4HP2	0.45457919	0.20664224	1.7917E-187
ENSG00000148690	FRA10AC1	0.454562219	0.206626811	7.4504E-189
ENSG00000158517	NCF1	0.454239547	0.206333566	7.2536E-186
ENSG00000158477	CD1A	0.453975178	0.206093462	2.6205E-188
ENSG00000100243	CYB5R3	0.453809725	0.205943266	3.0123E-184

ENSG00000099785	MARCHF2	0.453808106	0.205941797	9.3244E-187
ENSG00000265399	AP005329.2	0.453753329	0.205892083	4.2124E-188
ENSG00000171984	SHLD1	0.453574175	0.205729532	9.6586E-182
ENSG00000261801	LOXL1-AS1	0.453497735	0.205660195	3.5324E-185
ENSG00000254667	N.A.	0.45348698	0.205650441	1.851E-186
ENSG00000124120	TTPAL	0.453460745	0.205626647	7.8734E-188
ENSG00000125868	DSTN	0.453412781	0.20558315	4.2334E-185
ENSG00000258352	IFITM3P6	0.453139508	0.205335414	1.2544E-183
ENSG00000168878	SFTP8	0.453126328	0.205323469	3.9945E-186
ENSG00000214659	KRT8P26	0.45299879	0.205207903	2.1111E-187
ENSG00000146215	CRIP3	0.452843666	0.205067385	1.4218E-184
ENSG0000013523	ANGEL1	0.452781661	0.205011233	1.6222E-184
ENSG00000116883	N.A.	0.452734905	0.204968894	3.7058E-187
ENSG00000173517	PEAK1	0.452709073	0.204945505	3.1302E-183
ENSG00000149231	CCDC82	0.452693588	0.204931485	1.0383E-188

ENSG00000148925	BTBD10	0.452651696	0.204893558	1.0977E-185
ENSG00000115129	TP53I3	0.452639072	0.20488213	3.6316E-183
ENSG00000211766	TRBJ2-2P	0.452600932	0.204847604	1.2229E-185
ENSG00000243795	LINC02044	0.452484597	0.20474231	3.0499E-184
ENSG00000181523	SGSH	0.45244465	0.204706161	5.486E-183
ENSG00000221926	TRIM16	0.452333219	0.204605341	2.161E-185
ENSG00000198276	UCKL1	0.452200785	0.20448555	1.3422E-181
ENSG00000213203	GIMAP1	0.452161884	0.20445037	1.2555E-186
ENSG00000182141	ZNF708	0.452151129	0.204440643	1.2845E-186
ENSG00000180376	CCDC66	0.452007267	0.204310569	8.3998E-184
ENSG00000213934	HBG1	0.451950907	0.204259622	1.9664E-186
ENSG00000171530	TBCA	0.451878705	0.204194364	5.675E-185
ENSG00000088888	MAVS	0.451743442	0.204072137	2.4234E-182
ENSG00000258754	LINC01579	0.451588417	0.203932098	1.0931E-187
ENSG00000160593	JAML	0.451365077	0.203730432	6.8236E-186

ENSG00000269858	EGLN2	0.45135445	0.20372084	5.5167E-182
ENSG00000142233	NTN5	0.451225283	0.203604256	4.401E-183
ENSG00000100418	DESI1	0.451193932	0.203575964	4.7027E-183
ENSG00000198598	MMP17	0.451013126	0.20341284	1.6495E-180
ENSG00000205578	POM121B	0.450997178	0.203398455	2.2455E-179
ENSG00000146555	SDK1	0.450989443	0.203391478	1.1926E-181
ENSG00000147443	DOK2	0.450972882	0.20337654	3.8701E-184
ENSG00000099250	NRP1	0.450921972	0.203330625	8.3566E-183
ENSG00000263327	TAPT1-AS1	0.450832841	0.203250251	3.1733E-179
ENSG00000182853	VMO1	0.450642909	0.203079031	1.5066E-182
ENSG00000198755	RPL10A	0.450640174	0.203076566	7.822E-184
ENSG00000184381	PLA2G6	0.450613908	0.203052894	1.6017E-182
ENSG00000142002	DPP9	0.450517783	0.202966273	1.0131E-183
ENSG00000184903	IMMP2L	0.450413925	0.202872704	5.1175E-185
ENSG00000140323	DISP2	0.450294378	0.202765027	6.5893E-185

ENSG00000108523	RNF167	0.450228678	0.202705863	5.9287E-181
ENSG00000236525	AC007278.2	0.449939471	0.202445527	3.4341E-183
ENSG00000171621	SPSB1	0.449929705	0.202436739	1.1122E-180
ENSG00000174482	LINGO2	0.449876605	0.20238896	1.8026E-179
ENSG00000135655	USP15	0.449824074	0.202341698	4.3801E-183
ENSG00000182870	GALNT9	0.449759317	0.202283444	5.0206E-183
ENSG00000141519	CCDC40	0.449618247	0.202156568	6.7585E-183
ENSG00000176472	ZNF575	0.449589285	0.202130525	7.1836E-183
ENSG00000179406	LINC00174	0.449535705	0.20208235	1.5531E-181
ENSG00000186487	MYT1L	0.449523268	0.202071168	3.3568E-184
ENSG00000238105	GOLGA2P5	0.449492812	0.202043788	8.802E-183
ENSG00000122378	PRXL2A	0.449491667	0.202042759	3.5881E-184
ENSG00000042980	ADAM28	0.449480913	0.202033091	9.0253E-183
ENSG00000241560	ZBTB20-AS1	0.449475031	0.202027803	1.7645E-181
ENSG00000116497	S100PBP	0.449466592	0.202020217	9.3016E-183

ENSG00000115677	HDLBP	0.449309923	0.201879407	1.2935E-182
ENSG00000133195	SLC39A11	0.449198689	0.201779463	4.0582E-166
ENSG00000119878	CRIPT	0.449086225	0.201678438	8.4307E-184
ENSG00000115464	USP34	0.449085369	0.201677668	2.0746E-182
ENSG00000256427	AC010175.1	0.449073414	0.201666931	2.1274E-182
ENSG00000142675	CNKSR1	0.449048672	0.20164471	7.075E-180
ENSG00000163682	RPL9	0.449022032	0.201620785	2.5014E-185
ENSG00000268379	AC025588.1	0.449003036	0.201603726	1.0044E-183
ENSG00000117697	NSL1	0.448998776	0.201599901	1.0135E-183
ENSG00000150764	DIXDC1	0.448840137	0.201457469	3.4736E-182
ENSG00000188199	NUTM2B	0.448633305	0.201271842	1.0333E-180
ENSG00000072210	ALDH3A2	0.448348441	0.201016325	3.9782E-183
ENSG00000028528	SNX1	0.448303982	0.20097646	1.1343E-184
ENSG00000185101	ANO9	0.448251225	0.200929161	2.301E-180
ENSG00000203871	N.A.	0.44804456	0.200743928	1.844E-181

ENSG00000140945	CDH13	0.448012298	0.200715019	8.9303E-178
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ENSG00000259812	N.A.	0.447910851	0.20062413	2.5914E-184
ENSG00000254999	BRK1	0.44771659	0.200450145	3.8962E-184
ENSG00000125457	MIF4GD	0.447655955	0.200395854	4.1608E-181
ENSG00000253214	AC079209.1	0.447644171	0.200385304	4.2647E-181
ENSG00000165983	PTER	0.447598152	0.200344106	9.0203E-180
ENSG00000172661	WASHC2C	0.447511242	0.200266311	3.3093E-176
ENSG00000163702	IL17RC	0.447483985	0.200241917	3.5024E-176
ENSG00000143653	SCCPDH	0.44743784	0.200200621	1.2608E-179
ENSG00000180113	TDRD6	0.447389816	0.200157648	4.2602E-176
ENSG00000093167	LRRFIP2	0.44737007	0.200139979	3.0952E-182
ENSG00000267488	N.A.	0.447356047	0.200127433	3.5073E-177
ENSG00000128272	ATF4	0.447176603	0.199966914	1.2089E-183
ENSG00000261643	N.A.	0.446965241	0.199777927	3.3803E-179

ENSG00000114796	KLHL24	0.446951867	0.199765971	7.4241E-182
ENSG00000170464	DNAJC18	0.446906782	0.199725671	2.1269E-183
ENSG00000232284	GNG12-AS1	0.446836339	0.199662714	4.4224E-179
ENSG00000177112	IRAG1-AS1	0.446830155	0.199657187	2.3371E-180
ENSG00000007341	ST7L	0.44674036	0.19957695	3.0129E-183
ENSG00000214021	TTLL3	0.446736107	0.199573149	2.8438E-180
ENSG00000131196	NFATC1	0.446595354	0.19944741	1.1878E-177
ENSG00000020181	ADGRA2	0.446593762	0.199445988	3.8268E-180
ENSG00000142166	IFNAR1	0.44651591	0.199376458	4.5013E-180
ENSG00000182372	CLN8	0.446350823	0.199229057	1.9748E-177
ENSG00000108294	N.A.	0.446338166	0.199217758	6.5195E-180
ENSG00000183615	FAM167B	0.446336654	0.199216409	7.0066E-183
ENSG00000116062	MSH6	0.446287336	0.199172387	2.9738E-181
ENSG00000260872	N.A.	0.446226903	0.199118449	6.6241E-172
ENSG00000102572	STK24	0.446138238	0.199039328	4.4054E-176

ENSG00000111424	VDR	0.446103905	0.199008694	6.1425E-175
ENSG00000134215	VAV3	0.446071452	0.198979741	3.5279E-177
ENSG00000211778	TRAV4	0.44605257	0.198962896	2.2602E-178
ENSG00000263214	N.A.	0.446024763	0.198938089	5.1413E-181
ENSG00000110063	DCPS	0.446020928	0.198934668	2.4138E-178
ENSG00000101439	CST3	0.446010598	0.198925453	1.3841E-182
ENSG00000131043	AAR2	0.445982272	0.198900187	1.4684E-182
ENSG00000169432	SCN9A	0.44597679	0.198895297	1.3836E-179
ENSG00000127511	SIN3B	0.445945081	0.198867015	4.586E-177
ENSG00000184056	VPS33B	0.445930099	0.198853653	1.5247E-179
ENSG00000168904	LRRC28	0.445917402	0.198842329	4.8571E-177
ENSG00000139053	PDE6H	0.445884993	0.198813427	6.8794E-181
ENSG00000225611	LINC02158	0.445829343	0.198763803	1.8803E-179
ENSG00000170037	CNTROB	0.445802239	0.198739636	1.9893E-179
ENSG00000116698	SMG7	0.445776085	0.198716318	2.1005E-179

ENSG00000224597	SVIL-AS1	0.445767213	0.198708408	8.7919E-181
ENSG00000170310	STX8	0.445723156	0.198669132	4.4809E-178
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ENSG00000185920	PTCH1	0.445611247	0.198569383	9.1648E-177
ENSG00000126522	ASL	0.445610601	0.198568807	1.2181E-180
ENSG00000268912	AC012313.5	0.445377475	0.198361095	1.9783E-180
ENSG00000142606	MMEL1	0.445244504	0.198242668	2.6083E-180
ENSG00000129625	REEP5	0.445181297	0.198186387	7.2271E-179
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ENSG00000224660	SH3BP5-AS1	0.444901476	0.197937323	3.9838E-176
ENSG00000223510	CDRT15	0.444847381	0.197889192	1.4446E-178
ENSG00000100422	CERK	0.444765081	0.197815978	3.2653E-177
ENSG00000105270	CLIP3	0.444709071	0.197766158	1.9242E-178
ENSG00000105948	TTC26	0.444679236	0.197739623	3.9001E-177

ENSG00000101654	RNMT	0.444223529	0.197334544	2.17E-179
ENSG00000111452	ADGRD1	0.443968405	0.197107945	2.7348E-175
ENSG00000186716	BCR	0.443912235	0.197058072	3.0705E-175
ENSG00000063046	EIF4B	0.443890791	0.197039034	1.0462E-177
ENSG00000154928	EPHB1	0.443759074	0.196922116	7.7383E-173
ENSG00000198355	PIM3	0.443757402	0.196920632	2.619E-176
ENSG00000139629	GALNT6	0.443750689	0.196914674	1.3974E-177
ENSG00000181016	LSMEM1	0.443484951	0.196678902	1.054E-173
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ENSG00000162341	TPCN2	0.443366971	0.196574271	1.3431E-173
ENSG00000137486	ARRB1	0.443298636	0.196513681	3.5522E-177
ENSG00000130270	ATP8B3	0.443229832	0.196452684	4.0937E-177
ENSG00000198515	CNGA1	0.443039987	0.19628443	6.6067E-180
ENSG00000216775	AL109918.1	0.443035822	0.19628074	2.5284E-178
ENSG00000163697	APBB2	0.443013617	0.196261065	1.9512E-174

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ENSG00000203306	N.A.	0.442847095	0.19611355	3.9043E-173
ENSG00000160299	PCNT	0.442816431	0.196086391	2.9255E-174
ENSG00000150403	TMCO3	0.442783899	0.196057581	1.9444E-175
ENSG00000213171	LINGO4	0.442739622	0.196018373	4.6572E-178
ENSG00000081985	IL12RB2	0.442739319	0.196018105	1.1245E-176
ENSG00000123609	NMI	0.442302495	0.195631497	3.0263E-179
ENSG00000160271	RALGDS	0.442218589	0.19555728	1.3618E-177
ENSG00000205937	RNPS1	0.442184634	0.19552725	1.4604E-177
ENSG00000103184	SEC14L5	0.442101038	0.195453328	1.7344E-177
ENSG00000178809	TRIM73	0.442043626	0.195402567	4.7007E-176
ENSG00000169258	GPRIN1	0.442022591	0.195383971	9.2824E-175
ENSG00000065665	SEC61A2	0.442004551	0.195368023	9.6322E-175
ENSG00000197016	ZNF470	0.441902498	0.195277817	6.2806E-176
ENSG00000260807	CEROX1	0.441699765	0.195098683	1.7989E-174

ENSG00000150977	RILPL2	0.441671107	0.195073366	1.9077E-174
ENSG00000101052	IFT52	0.441668262	0.195070853	1.1169E-178
ENSG00000140265	ZSCAN29	0.441607167	0.19501689	1.1512E-175
ENSG00000171962	DRC3	0.441510845	0.194931827	1.4025E-175
ENSG00000105376	ICAM5	0.441374355	0.194811321	3.5022E-174
ENSG00000223907	N.A.	0.441226879	0.194681158	1.0444E-176
ENSG00000180822	PSMG4	0.441216489	0.19467199	1.0668E-176
ENSG00000125648	SLC25A23	0.441141978	0.194606245	9.0194E-173
ENSG00000132781	MUTYH	0.441118432	0.194585471	5.911E-174
ENSG00000225733	FGD5-AS1	0.441040562	0.194516777	3.6749E-175
ENSG00000131771	PPP1R1B	0.440969919	0.194454469	4.6882E-178
ENSG00000111266	DUSP16	0.44090828	0.194400111	4.8173E-175
ENSG00000106605	BLVRA	0.440907902	0.194399778	4.821E-175
ENSG00000182841	RRP7BP	0.44089437	0.194387846	2.1133E-171
ENSG00000100461	RBM23	0.440870019	0.194366373	1.5712E-172

ENSG00000127947	PTPN12	0.440781902	0.194288685	1.1757E-173
ENSG00000260415	N.A.	0.440710939	0.194226132	7.9741E-178
ENSG00000185019	UBOX5	0.440587898	0.194117696	9.2745E-175
ENSG00000239857	GET4	0.440547627	0.194082212	1.8966E-173
ENSG00000069869	NEDD4	0.440518737	0.194056758	5.804E-170
ENSG00000198771	RCSD1	0.440513766	0.194052378	3.2481E-172
ENSG00000117280	RAB29	0.440416906	0.193967051	2.4762E-173
ENSG00000128656	CHN1	0.440359207	0.193916231	2.7854E-173
ENSG00000103253	HAGHL	0.440309001	0.193872017	6.8404E-176
ENSG00000260078	AC007342.3	0.440258729	0.193827748	7.5808E-176
ENSG00000109956	B3GAT1	0.440119887	0.193705515	1.0068E-175
ENSG00000114812	VIPR1	0.440083282	0.193673295	4.888E-173
ENSG00000137815	RTF1	0.440002946	0.193602592	1.2785E-175
ENSG00000180834	MAP6D1	0.439912213	0.193522755	3.6837E-174
ENSG00000119969	HELLS	0.439609416	0.193256439	6.8275E-174

ENSG00000175390	EIF3F	0.439553281	0.193207087	7.6545E-174
ENSG00000254528	AP000757.1	0.439548908	0.193203242	2.312E-171
ENSG00000242588	AC108010.1	0.439470676	0.193134475	3.7877E-175
ENSG00000238042	LINC02257	0.439406157	0.193077771	1.0328E-173
ENSG00000186204	CYP4F12	0.439356404	0.19303405	3.4175E-171
ENSG00000232208	AL139415.1	0.439261208	0.192950409	1.3871E-173
ENSG00000119121	TRPM6	0.43916812	0.192868637	1.6762E-173
ENSG00000159247	TUBBP5	0.438915461	0.192646782	1.1735E-174
ENSG00000181090	EHMT1	0.438898327	0.192631741	2.9009E-173
ENSG00000215305	VPS16	0.438844337	0.192584352	9.6526E-171
ENSG00000111490	TBC1D30	0.438694139	0.192452547	1.8408E-174
ENSG00000203880	PCMTD2	0.438693205	0.192451728	8.2442E-172
ENSG00000131873	CHSY1	0.438565368	0.192339582	2.3917E-174
ENSG00000150967	ABCB9	0.438505008	0.192286642	7.2174E-176
ENSG00000088970	KIZ	0.438349639	0.192150406	3.7072E-174

ENSG00000122043	LINC00544	0.438346218	0.192147407	3.7331E-174
ENSG00000198719	DLL1	0.438340763	0.192142625	4.7699E-168
ENSG00000150054	MPP7	0.438229718	0.192045286	3.3486E-170
ENSG00000261824	LINC00662	0.438220717	0.192037397	2.1473E-171
ENSG00000146826	MAP11	0.438211451	0.192029275	4.9081E-174
ENSG00000259548	AC021483.1	0.438060079	0.191896633	6.6732E-174
ENSG00000131686	CA6	0.437926352	0.19177949	3.8957E-171
ENSG00000151470	C4orf33	0.437780024	0.19165135	5.237E-171
ENSG00000101421	CHMP4B	0.437661346	0.191547454	3.5632E-172
ENSG00000100038	TOP3B	0.437647427	0.191535271	3.665E-172
ENSG00000167780	SOAT2	0.437542228	0.191443201	4.5341E-172
ENSG00000212541	RNU6-510P	0.437516776	0.191420929	2.0075E-173
ENSG00000235381	AL596202.1	0.437179017	0.191125493	1.7627E-170
ENSG00000226029	LINC01772	0.437176944	0.191123681	9.488E-172
ENSG00000100731	PCNX1	0.437081152	0.191039934	2.1474E-170

ENSG00000135213	N.A.	0.437043909	0.191007379	5.1232E-168
ENSG00000025156	HSF2	0.436994955	0.190964591	1.3702E-171
ENSG00000270179	AP002840.2	0.436970672	0.190943368	4.246E-169
ENSG00000197520	FAM177B	0.436913587	0.190893482	1.824E-174
ENSG00000198270	TMEM116	0.436856727	0.1908438	1.8112E-171
ENSG00000172466	ZNF24	0.436831239	0.190821532	1.9068E-171
ENSG00000211706	TRBV6-1	0.436694619	0.190702191	7.3997E-169
ENSG00000133101	CCNA1	0.436666941	0.190678017	1.1196E-172
ENSG00000130363	RSPH3	0.436610391	0.190628634	1.2551E-172
ENSG00000160294	MCM3AP	0.436599307	0.190618955	3.0442E-171
ENSG00000101004	NINL	0.436540375	0.190567499	6.3842E-170
ENSG00000064419	TNPO3	0.436480974	0.190515641	3.8643E-171
ENSG00000174885	NLRP6	0.436478668	0.190513627	7.2285E-170
ENSG00000188599	NPIPP1	0.436451276	0.190489716	4.1026E-171
ENSG00000180398	MCFD2	0.436433771	0.190474436	4.2499E-171

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ENSG00000251600	AC107223.1	0.436324847	0.190379372	5.2928E-171
ENSG00000228146	CASP16P	0.436306001	0.190362927	6.2311E-174
ENSG00000130695	CEP85	0.436244581	0.190309335	2.6258E-172
ENSG00000101224	CDC25B	0.436152177	0.190228721	1.394E-169
ENSG00000123454	DBH	0.43606264	0.190150626	2.6341E-168
ENSG00000225969	ABHD11-AS1	0.435936164	0.190040339	4.8892E-172
ENSG00000052126	PLEKHA5	0.435935454	0.19003972	2.1548E-169
ENSG00000255310	AF131215.5	0.435866837	0.189979899	5.6219E-172
ENSG00000080854	IGSF9B	0.435792796	0.189915361	2.8698E-169
ENSG00000211814	TRAV35	0.435778563	0.189902956	1.8065E-173
ENSG00000257878	AC007298.2	0.43575227	0.189880041	7.0807E-172
ENSG00000261754	AC008555.1	0.43574787	0.189876207	8.7029E-166
ENSG00000196262	PPIA	0.435550737	0.189704444	2.512E-170
ENSG00000160323	ADAMTS13	0.435525063	0.18968208	2.645E-170

ENSG00000227124	ZNF717	0.435462255	0.189627376	3.0006E-170
ENSG00000156521	TYSND1	0.435345929	0.189526077	1.1081E-167
ENSG00000175334	BANF1	0.435342914	0.189523453	1.6135E-171
ENSG00000153012	LGI2	0.43523008	0.189425223	4.7825E-170
ENSG00000185760	KCNQ5	0.435222716	0.189418813	9.0052E-169
ENSG00000139410	SDSL	0.435093964	0.189306757	6.2845E-170
ENSG00000108578	BLMH	0.434920769	0.189156075	3.7679E-171
ENSG00000177868	SVBP	0.434918771	0.189154338	1.0201E-172
ENSG00000240399	AC004801.2	0.43484105	0.189086738	4.4218E-171
ENSG00000160145	KALRN	0.43465137	0.188921813	2.8268E-168
ENSG00000070882	OSBPL3	0.434635454	0.188907978	4.5875E-167
ENSG00000169902	TPST1	0.434531618	0.188817727	1.9396E-169
ENSG00000078814	MYH7B	0.434498272	0.188788748	8.3756E-166
ENSG00000090238	YPEL3	0.434432231	0.188731364	2.7109E-172
ENSG00000139668	WDFY2	0.434375893	0.188682417	4.9031E-168

ENSG00000189253	TRIM64B	0.43435964	0.188668296	2.7367E-169
ENSG00000132906	CASP9	0.434356438	0.188665515	2.7542E-169
ENSG00000158882	TOMM40L	0.434214793	0.188542487	3.6565E-169
ENSG00000168806	LCMT2	0.43412163	0.188461589	1.8704E-170
ENSG00000143811	PYCR2	0.433978558	0.188337388	1.0841E-167
ENSG00000138678	GPAT3	0.433857791	0.188232582	1.3795E-167
ENSG00000230069	LRRC37A15P	0.433730897	0.188122491	1.106E-171
ENSG00000170260	ZNF212	0.433728902	0.188120761	1.7838E-167
ENSG00000144668	ITGA9	0.433696587	0.18809273	4.3781E-170
ENSG00000256229	ZNF486	0.433651049	0.188053232	2.0834E-167
ENSG00000065154	OAT	0.433577918	0.187989811	5.2309E-165
ENSG00000127328	RAB3IP	0.433503806	0.18792555	1.5132E-168
ENSG00000175538	KCNE3	0.433486759	0.18791077	1.5656E-168
ENSG00000137364	TPMT	0.433440796	0.187870924	1.7159E-168
ENSG00000104043	ATP8B4	0.433367695	0.187807559	5.7393E-166

ENSG00000175166	PSMD2	0.433190096	0.18765366	1.2042E-169
ENSG00000262587	AC133552.2	0.433126226	0.187598327	1.3679E-169
ENSG00000116761	CTH	0.433029521	0.187514566	4.4978E-171
ENSG00000142330	CAPN10	0.432955355	0.187450339	8.3242E-167
ENSG00000123843	C4BPB	0.432894762	0.187397875	5.0947E-168
ENSG00000076003	MCM6	0.432758476	0.187279899	2.8483E-169
ENSG00000143315	PIGM	0.432538898	0.187089898	1.0343E-167
ENSG00000183734	ASCL2	0.432537201	0.187088431	2.9862E-165
ENSG00000143252	SDHC	0.432384454	0.186956316	1.6295E-170
ENSG00000111837	MAK	0.432043943	0.186661969	1.094E-163
ENSG00000107593	PKD2L1	0.431989111	0.186614592	1.3173E-168
ENSG00000040199	PHLPP2	0.431927556	0.186561413	1.4887E-168
ENSG00000239480	AC073517.1	0.43190235	0.18653964	1.5652E-168
ENSG00000233252	CRIP1P1	0.431829811	0.186476985	1.8078E-168
ENSG00000174718	RESF1	0.431603291	0.186281401	3.2567E-162

ENSG00000162396	PARS2	0.431580499	0.186261727	8.0745E-170
ENSG00000214274	ANG	0.431520224	0.186209704	7.816E-167
ENSG00000122034	GTF3A	0.431497539	0.186190126	3.4971E-168
ENSG00000261159	AC112484.3	0.431497022	0.18618968	2.3409E-164
ENSG00000143442	POGZ	0.431359261	0.186070812	1.2533E-169
ENSG00000109814	UGDH	0.431199652	0.18593314	2.7054E-165
ENSG00000129204	USP6	0.431186206	0.185921544	4.325E-164
ENSG00000125821	DTD1	0.431181757	0.185917708	2.8028E-165
ENSG00000168734	PKIG	0.431174457	0.185911412	6.6378E-168
ENSG00000139890	REM2	0.431078742	0.185828882	7.3513E-163
ENSG00000197062	ZSCAN26	0.431049456	0.185803633	8.504E-168
ENSG00000100364	KIAA0930	0.430971702	0.185736608	9.0771E-163
ENSG00000106991	ENG	0.430951945	0.185719579	2.408E-166
ENSG00000116288	PARK7	0.43093502	0.185704992	1.0668E-167
ENSG00000147419	CCDC25	0.430815342	0.185601859	1.3521E-167

ENSG00000100814	CCNB1IP1	0.430764371	0.185557943	3.4894E-166
ENSG00000224383	PRR29	0.430638143	0.18544921	4.4781E-166
ENSG00000205609	EIF3CL	0.430610604	0.185425492	1.3458E-163
ENSG00000088832	FKBP1A	0.430590454	0.185408139	2.1103E-167
ENSG00000121413	ZSCAN18	0.43055938	0.18538138	1.4886E-163
ENSG00000102595	UGGT2	0.430542759	0.185367067	5.4068E-166
ENSG00000205784	ARRDC5	0.430415658	0.185257638	6.9495E-166
ENSG00000100201	DDX17	0.430363445	0.185212695	3.3061E-167
ENSG00000162222	TTC9C	0.430181145	0.185055817	1.2955E-168
ENSG00000133678	TMEM254	0.430118612	0.18500202	3.5447E-163
ENSG00000135297	MTO1	0.429958615	0.18486441	1.7123E-165
ENSG00000154781	CCDC174	0.429778818	0.184709833	1.049E-166
ENSG00000087077	TRIP6	0.429698567	0.184640859	8.0931E-163
ENSG00000214106	PAXIP1-AS2	0.429641675	0.184591969	3.1974E-165
ENSG00000126214	KLC1	0.429594442	0.184551384	1.5092E-166

ENSG00000205560	CPT1B	0.429539736	0.184504385	3.9081E-165
ENSG00000135596	MICAL1	0.429509439	0.184478358	4.1483E-165
ENSG00000232956	SNHG15	0.429433356	0.184413008	1.3622E-162
ENSG00000187266	EPOR	0.429350461	0.184341818	1.035E-163
ENSG00000258376	AC004846.1	0.42931147	0.184308339	6.1242E-165
ENSG00000241043	N.A.	0.429280709	0.184281927	2.8007E-166
ENSG00000166016	ABTB2	0.429208425	0.184219872	3.2292E-166
ENSG00000079950	STX7	0.429130133	0.184152671	3.7675E-166
ENSG00000154930	ACSS1	0.429087697	0.184116252	5.1566E-146
ENSG00000136816	TOR1B	0.429046	0.18408047	4.4461E-166
ENSG00000033170	FUT8	0.428951285	0.183999205	1.2433E-164
ENSG00000204872	NAT8B	0.4289359	0.183986006	1.5145E-167
ENSG00000188493	C19orf54	0.428778662	0.183851141	7.523E-166
ENSG00000185596	WASH3P	0.428749187	0.183825865	5.2072E-162
ENSG00000109063	MYH3	0.428696502	0.183780691	2.0506E-164

ENSG00000179598	PLD6	0.428634221	0.183727295	6.5213E-162
ENSG00000246526	LINC02481	0.428562395	0.183665727	1.1509E-165
ENSG00000174137	FAM53A	0.428540287	0.183646778	1.2019E-165
ENSG00000165097	KDM1B	0.428502831	0.183614677	1.2937E-165
ENSG00000159339	PADI4	0.428475617	0.183591354	5.7574E-163
ENSG00000248429	FAM198B-AS1	0.428459387	0.183577446	1.409E-165
ENSG00000181790	ADGRB1	0.428175561	0.183334311	2.1803E-160
ENSG00000259962	AC007342.2	0.428170932	0.183330347	2.4824E-165
ENSG00000235688	SNTG2-AS1	0.428098035	0.183267928	3.1301E-159
ENSG00000198246	SLC29A3	0.428048095	0.183225171	2.051E-161
ENSG00000188959	C9orf152	0.42802167	0.18320255	9.1489E-167
ENSG00000238121	LINC00426	0.4279816	0.18316825	8.3298E-164
ENSG00000170892	TSEN34	0.427919761	0.183115322	4.063E-165
ENSG00000196365	LONP1	0.4278913	0.183090965	4.2961E-165
ENSG00000222037	IGLC6	0.427715141	0.182940241	1.4033E-163

ENSG00000116127	ALMS1	0.4277063	0.182932679	6.1738E-165
ENSG00000140853	NLRC5	0.427663353	0.182895943	2.82E-162
ENSG00000189362	NEMP2	0.42760218	0.182843624	1.7503E-163
ENSG00000174606	ANGEL2	0.427548106	0.182797383	8.4164E-165
ENSG00000108107	RPL28	0.427512594	0.182767018	2.4847E-166
ENSG00000164466	SFXN1	0.427276496	0.182565204	9.2381E-161
ENSG00000234073	AC011816.1	0.427275943	0.182564731	1.2578E-159
ENSG00000223534	HLA-DQB1-AS1	0.427231062	0.18252638	6.5569E-162
ENSG00000089775	ZBTB25	0.427156851	0.182462975	4.1791E-163
ENSG00000124831	LRRFIP1	0.427141113	0.18244953	4.3096E-163
ENSG00000161996	WDR90	0.427134636	0.182443998	1.8903E-164
ENSG00000204514	ZNF814	0.42711385	0.182426241	1.9687E-164
ENSG00000139211	AMIGO2	0.427094765	0.182409938	1.3161E-160
ENSG00000100577	GSTZ1	0.427023404	0.182348988	1.5122E-160
ENSG00000197782	ZNF780A	0.426776474	0.182138158	3.8064E-164

ENSG00000089818	NECAP1	0.426762841	0.182126523	3.9092E-164
ENSG00000259005	AC005479.1	0.426708506	0.182080149	4.3468E-164
ENSG00000139405	RITA1	0.426629446	0.182012684	5.0723E-164
ENSG00000178665	ZNF713	0.426570457	0.181962355	4.9526E-159
ENSG00000249846	LINC02021	0.426532808	0.181930236	6.1253E-164
ENSG00000172349	IL16	0.426525179	0.181923728	2.5937E-161
ENSG00000136243	NUP42	0.42646823	0.181875151	1.9191E-165
ENSG00000139433	GLTP	0.426197598	0.181644393	2.7121E-162
ENSG00000241134	BET1P1	0.426146686	0.181600998	5.4145E-161
ENSG00000187742	SECISBP2	0.426082084	0.181545942	6.1386E-161
ENSG00000267123	SCAT1	0.426079121	0.181543417	3.4154E-162
ENSG00000122543	OCM	0.425944861	0.181429024	1.5634E-141
ENSG00000087008	ACOX3	0.425903767	0.181394019	1.8031E-158
ENSG00000140743	CDR2	0.425899492	0.181390377	2.1053E-163
ENSG00000003056	M6PR	0.425843574	0.181342749	5.4001E-162

ENSG00000168092	PAFAH1B2	0.425731645	0.181247434	6.7126E-162
ENSG00000232788	ITGA6-AS1	0.425699697	0.181220232	2.6763E-158
ENSG00000214595	EML6	0.42557124	0.181110881	3.9882E-163
ENSG00000230633	N.A.	0.425488866	0.181040775	1.0758E-161
ENSG00000211792	TRAV14DV4	0.425484604	0.181037148	4.7201E-163
ENSG00000054356	PTPRN	0.425306552	0.180885663	6.6724E-163
ENSG00000086289	EPDR1	0.425018818	0.180640996	2.6779E-161
ENSG00000182175	RGMA	0.42499747	0.18062285	1.2716E-156
ENSG00000196329	GIMAP5	0.424968883	0.180598552	5.316E-160
ENSG00000214941	ZSWIM7	0.424944364	0.180577712	3.7406E-164
ENSG00000171368	TPPP	0.424905834	0.180544968	3.3336E-161
ENSG00000255545	B3GAT1-DT	0.424795493	0.180451211	1.1365E-158
ENSG00000099994	SUSD2	0.42479015	0.180446672	1.8187E-162
ENSG00000136147	PHF11	0.424758441	0.180419733	1.9341E-162
ENSG00000225151	GOLGA2P7	0.424714583	0.180382477	8.6946E-160

ENSG00000171793	CTPS1	0.424705	0.180374337	8.8573E-160
ENSG00000166763	STRCP1	0.424412965	0.180126365	8.6573E-161
ENSG00000106804	C5	0.424399727	0.180115128	3.8771E-162
ENSG00000103335	PIEZO1	0.424325371	0.18005202	5.2095E-155
ENSG00000005102	MEOX1	0.424243628	0.179982656	5.2459E-162
ENSG00000079974	RABL2B	0.424205902	0.179950648	2.3233E-159
ENSG00000147471	PLPBP	0.42414298	0.179897268	6.3745E-162
ENSG00000175970	UNC119B	0.424132273	0.179888185	2.6781E-159
ENSG00000266312	LINC01927	0.423984936	0.179763226	3.5587E-159
ENSG00000143162	CREG1	0.423811559	0.179616238	7.5782E-158
ENSG00000101115	SALL4	0.423773242	0.179583761	1.339E-155
ENSG00000100154	TTC28	0.423581168	0.179421006	4.3182E-160
ENSG00000146666	LINC00525	0.423528132	0.179376078	4.7834E-160
ENSG00000148600	CDHR1	0.423516892	0.179366558	4.8883E-160
ENSG00000150938	CRIM1	0.42333066	0.179208848	2.57E-156

ENSG00000198133	TMEM229B	0.423329372	0.179207758	7.0176E-160
ENSG00000148719	DNAJB12	0.423149369	0.179055389	4.3489E-161
ENSG00000120784	ZFP30	0.422939616	0.178877919	6.5173E-161
ENSG00000184470	TXNRD2	0.422928438	0.178868463	2.7215E-158
ENSG00000115592	PRKAG3	0.422774431	0.17873822	2.5014E-162
ENSG00000073803	MAP3K13	0.422648632	0.178631866	1.1418E-160
ENSG00000115525	ST3GAL5	0.422593533	0.178585294	7.866E-157
ENSG00000196704	AMZ2	0.422505702	0.178511069	9.3083E-157
ENSG00000167394	ZNF668	0.422442265	0.178457467	4.7468E-162
ENSG00000197223	C1D	0.422143454	0.178205096	1.8629E-156
ENSG00000129055	ANAPC13	0.422122038	0.178187015	3.1453E-160
ENSG00000223704	LINC01422	0.422098447	0.178167099	3.3008E-154
ENSG00000212978	AC016747.1	0.422062328	0.178136609	3.5279E-160
ENSG00000196843	ARID5A	0.422022513	0.178103001	8.6655E-159
ENSG00000181666	ZNF875	0.421940059	0.178033414	4.4624E-160

ENSG00000224373	IGHV4-59	0.421879851	0.177982609	5.0096E-160
ENSG00000234199	LINC01191	0.421846503	0.177954472	1.2146E-158
ENSG00000116957	N.A.	0.421804328	0.177918892	1.3169E-158
ENSG00000079335	CDC14A	0.421746332	0.177869969	1.8126E-161
ENSG00000105254	TBCB	0.421615645	0.177759752	2.3303E-161
ENSG00000196284	SUPT3H	0.421527594	0.177685513	2.2384E-158
ENSG00000080947	CROCCP3	0.421514983	0.177674881	1.0093E-159
ENSG00000010327	STAB1	0.421479124	0.177644652	1.0812E-159
ENSG00000135426	TESPA1	0.421465967	0.177633561	4.4934E-157
ENSG00000177426	TGIF1	0.421360522	0.17754469	3.0825E-158
ENSG00000141526	SLC16A3	0.421245674	0.177447918	3.8405E-158
ENSG00000175348	TMEM9B	0.421209335	0.177417304	4.1171E-158
ENSG00000159784	FAM131B	0.421193431	0.177403907	1.1446E-155
ENSG00000166743	ACSM1	0.421097958	0.17732349	9.0794E-157
ENSG00000071575	TRIB2	0.420975482	0.177220356	2.3167E-154

ENSG00000237510	GPAT2P1	0.42095711	0.177204889	2.3992E-154
ENSG00000167562	ZNF701	0.420886404	0.177145365	2.7448E-154
ENSG00000100596	SPTLC2	0.420771797	0.177048905	9.5054E-158
ENSG00000165568	AKR1E2	0.420684663	0.176975586	4.0288E-154
ENSG00000223482	NUTM2A-AS1	0.42064496	0.176942182	2.2003E-145
ENSG00000159733	ZFYVE28	0.420624947	0.176925346	1.2584E-157
ENSG00000040275	SPDL1	0.420566678	0.17687633	6.2075E-159
ENSG00000198648	STK39	0.42054016	0.176854026	6.5304E-159
ENSG00000267169	AC022098.1	0.420279566	0.176634914	2.4329E-157
ENSG00000166130	IKBIP	0.420220581	0.176585337	2.7226E-157
ENSG00000180543	TSPYL5	0.420153728	0.176529155	8.2908E-155
ENSG00000146535	GNA12	0.420148104	0.176524429	5.5558E-156
ENSG00000218713	AL512378.1	0.420105577	0.176488696	1.4983E-158
ENSG00000218739	CEBPZOS	0.419922882	0.176335227	1.712E-153
ENSG00000235314	LINC00957	0.419786163	0.176220423	6.2312E-157

ENSG00000205045	SLFN12L	0.419773763	0.176210012	2.2715E-153
ENSG00000131379	C3orf20	0.419708525	0.176155246	3.1962E-158
ENSG00000119632	IFI27L2	0.419665747	0.176119339	3.4678E-158
ENSG00000164096	C4orf3	0.419640525	0.17609817	8.2224E-157
ENSG00000148158	SNX30	0.419612322	0.176074501	8.6758E-157
ENSG00000167633	KIR3DL1	0.419338013	0.175844369	6.2411E-152
ENSG00000180871	CXCR2	0.419325206	0.175833628	1.8708E-159
ENSG00000224596	ZMIZ1-AS1	0.419314199	0.175824397	2.7121E-155
ENSG00000105185	PDCD5	0.419289258	0.175803482	7.1055E-158
ENSG00000249915	PDCD6	0.41922672	0.175751043	1.8065E-156
ENSG00000183150	GPR19	0.418998829	0.175560019	1.235E-157
ENSG00000256633	PDE2A-AS2	0.418972636	0.17553807	7.7945E-154
ENSG00000144791	LIMD1	0.418915325	0.17549005	1.4475E-157
ENSG00000170145	SIK2	0.418883074	0.175463029	1.5391E-157
ENSG00000261707	AC092134.1	0.418800112	0.175393533	1.0805E-153

ENSG00000172965	MIR4435-2HG	0.418782168	0.175378505	1.8646E-157
ENSG00000248874	C5orf17	0.418690347	0.175301607	2.2201E-157
ENSG00000099956	SMARCB1	0.41866982	0.175284418	5.2018E-156
ENSG00000243317	STMP1	0.418230659	0.174916884	1.196E-155
ENSG00000256720	BTG1P1	0.418197595	0.174889229	1.2733E-155
ENSG00000187630	DHRS4L2	0.41799233	0.174717588	4.9722E-153
ENSG00000153823	PID1	0.417800978	0.174557657	2.6977E-155
ENSG00000182048	TRPC2	0.417682387	0.174458576	3.376E-155
ENSG00000166428	PLD4	0.417295166	0.174135255	3.1265E-156
ENSG00000136379	ABHD17C	0.417280989	0.174123424	1.9003E-152
ENSG00000197847	SLC22A20P	0.417267941	0.174112535	3.2917E-156
ENSG00000205078	SYCE1L	0.417179704	0.174038905	3.8893E-156
ENSG00000105982	RNF32	0.41716366	0.174025519	1.5848E-153
ENSG00000156795	NTAQ1	0.417124871	0.173993158	4.3141E-156
ENSG00000119900	OGFRL1	0.417097187	0.173970063	4.5459E-156

ENSG00000164683	HEY1	0.416986476	0.173877721	3.3074E-152
ENSG00000112210	RAB23	0.416845384	0.173760074	2.0772E-157
ENSG00000137285	TUBB2B	0.416817248	0.173736618	3.0433E-153
ENSG00000136045	PWP1	0.416719903	0.173655477	2.0773E-154
ENSG00000105278	ZFR2	0.416652512	0.173599316	2.9912E-157
ENSG00000163703	CRELD1	0.416629649	0.173580265	8.531E-151
ENSG00000149679	CABLES2	0.416495905	0.173468839	3.1678E-154
ENSG00000101247	NDUFAF5	0.416393076	0.173383194	4.8832E-157
ENSG00000125900	SIRPD	0.416372515	0.173366071	1.0481E-151
ENSG00000154845	PPP4R1	0.41632807	0.173329062	1.7913E-149
ENSG00000205846	CLEC6A	0.416173467	0.173200354	5.8121E-154
ENSG00000100023	PPIL2	0.416154503	0.17318457	6.0232E-154
ENSG00000059377	TBXAS1	0.415911918	0.172982724	3.2723E-150
ENSG00000114021	NIT2	0.41585401	0.172934558	4.7411E-155
ENSG00000120915	EPHX2	0.415788653	0.172880204	1.1981E-153

ENSG00000124813	RUNX2	0.415680954	0.172790655	2.5733E-152
ENSG00000143155	TIPRL	0.415647844	0.17276313	1.5609E-153
ENSG00000146109	ABT1	0.415602556	0.172725485	2.9807E-152
ENSG00000244607	CCDC13	0.415512826	0.172650909	9.007E-155
ENSG00000152404	CWF19L2	0.415506968	0.17264604	3.5656E-152
ENSG00000148572	NRBF2	0.415377771	0.172538692	8.8804E-150
ENSG00000111863	ADTRP	0.41527233	0.172451108	5.5337E-152
ENSG00000143458	GABPB2	0.415221098	0.17240856	1.5582E-154
ENSG00000132376	INPP5K	0.415135279	0.172337299	1.8307E-154
ENSG00000260905	AC009021.1	0.415101908	0.172309594	5.5626E-156
ENSG00000126217	MCF2L	0.415089387	0.172299199	1.5212E-149
ENSG00000170921	TANC2	0.415011728	0.172234734	6.5903E-156
ENSG00000186448	ZNF197	0.414859079	0.172108055	6.8509E-153
ENSG00000211799	TRAV19	0.414792885	0.172053138	3.4803E-154
ENSG00000179715	PCED1B	0.414784571	0.17204624	1.3782E-151

ENSG00000148204	CRB2	0.414768419	0.172032842	1.4205E-151
ENSG00000163214	DHX57	0.414750345	0.172017849	3.7692E-154
ENSG00000122861	PLAU	0.414675958	0.17195615	4.3333E-154
ENSG00000211725	TRBV5-5	0.414659134	0.171942198	9.9612E-153
ENSG00000149571	KIRREL3	0.414628565	0.171916847	2.7384E-150
ENSG00000100014	SPECC1L	0.414525905	0.171831726	5.7404E-154
ENSG00000171953	ATPAF2	0.414484522	0.171797419	6.2031E-154
ENSG00000266786	LGALS9DP	0.414472497	0.17178745	6.3444E-154
ENSG00000158445	KCNB1	0.414367416	0.171700355	1.7191E-152
ENSG00000159128	IFNGR2	0.414345864	0.171682495	3.1277E-151
ENSG00000259143	AL356017.1	0.414298673	0.171643391	5.0654E-150
ENSG00000235842	N.A.	0.414162688	0.171530732	4.4021E-151
ENSG00000146674	IGFBP3	0.414036754	0.171426433	1.0801E-148
ENSG00000240038	AMY2B	0.413909448	0.171321032	4.0443E-152
ENSG00000196793	ZNF239	0.413879759	0.171296455	7.4603E-151

ENSG00000261596	AC005632.3	0.413851557	0.171273112	2.0276E-153
ENSG00000197903	H2BC12	0.413844685	0.171267424	4.5639E-152
ENSG00000256050	N.A.	0.413749107	0.171188324	1.8431E-148
ENSG00000101574	METTL4	0.413671925	0.171124461	1.6265E-149
ENSG00000114405	C3orf14	0.4136701	0.171122952	2.8461E-153
ENSG00000167965	MLST8	0.413665681	0.171119296	8.2246E-155
ENSG00000122696	SLC25A51	0.413655007	0.171110464	1.1339E-150
ENSG00000164867	NOS3	0.413571225	0.171041158	9.8141E-155
ENSG00000245060	LINC00847	0.413552304	0.171025508	3.5465E-153
ENSG00000139832	RAB20	0.413427694	0.170922458	3.3466E-148
ENSG00000179902	C1orf194	0.413368616	0.170873613	4.997E-153
ENSG00000176358	TAC4	0.413334169	0.170845136	5.3287E-153
ENSG00000215375	MYL5	0.413293531	0.170811543	3.2855E-149
ENSG00000168827	GFM1	0.413275584	0.170796708	5.9442E-153
ENSG00000140455	USP3	0.413261696	0.170785229	1.3533E-151

ENSG00000141551	CSNK1D	0.413250467	0.170775949	1.3819E-151
ENSG00000185897	FFAR3	0.413238052	0.170765688	2.4634E-150
ENSG00000211716	TRBV9	0.413105677	0.1706563	8.1604E-153
ENSG00000099326	MZF1	0.413002312	0.17057091	9.8944E-153
ENSG00000123329	ARHGAP9	0.412746106	0.170359348	1.5947E-152
ENSG00000139626	ITGB7	0.412719318	0.170337235	1.6763E-152
ENSG00000120253	NUP43	0.41267478	0.170300474	5.2347E-154
ENSG00000122687	MRM2	0.412643227	0.170274433	4.2768E-151
ENSG00000171084	FAM86JP	0.412592124	0.170232261	1.2066E-148
ENSG00000161217	PCYT1A	0.412582522	0.170224337	1.2282E-148
ENSG00000170606	HSPA4	0.412546559	0.170194664	2.3121E-152
ENSG00000174004	NRROS	0.412529989	0.170180992	1.7645E-147
ENSG00000099377	HSD3B7	0.412479895	0.170139664	5.7932E-151
ENSG00000185000	DGAT1	0.412475367	0.170135928	1.9521E-147
ENSG00000101425	BPI	0.412464422	0.170126899	1.0362E-149

ENSG00000256576	LINC02361	0.41244247	0.170108791	2.0744E-147
ENSG00000165501	LRR1	0.412410636	0.170082533	2.9773E-152
ENSG00000260228	AC009119.1	0.412351719	0.17003394	1.8832E-148
ENSG00000205571	SMN2	0.412288639	0.169981922	3.2504E-146
ENSG00000101210	EEF1A2	0.412281913	0.169976376	8.3671E-151
ENSG00000159860	TCAF2P1	0.412250438	0.169950424	8.8705E-151
ENSG00000186908	ZDHHC17	0.412182429	0.169894355	2.5759E-148
ENSG00000235505	CASP4LP	0.412166652	0.169881349	1.0363E-150
ENSG00000160229	ZNF66	0.412159628	0.169875559	1.8231E-149
ENSG00000230732	AC016949.1	0.412144384	0.169862993	2.7637E-148
ENSG00000133067	LGR6	0.411869544	0.169636522	3.1195E-149
ENSG00000189283	FHIT	0.411841042	0.169613044	4.842E-148
ENSG00000171492	LRRC8D	0.411835722	0.169608662	8.6652E-152
ENSG00000047188	YTHDC2	0.411804988	0.169583348	3.5153E-149
ENSG00000148344	PTGES	0.411718217	0.16951189	7.8999E-147

ENSG00000246089	AC016065.1	0.411654036	0.169459045	2.6805E-150
ENSG00000136872	ALDOB	0.411631421	0.169440427	2.7951E-150
ENSG00000106638	TBL2	0.411541281	0.169366226	1.4964E-151
ENSG00000172183	ISG20	0.411527358	0.169354767	5.8744E-149
ENSG00000136404	TM6SF1	0.41150122	0.169333254	6.1652E-149
ENSG00000105699	LSR	0.411456688	0.169296606	3.8629E-150
ENSG00000172123	SLFN12	0.411347985	0.169207165	8.1832E-149
ENSG00000172775	PSME3IP1	0.411238257	0.169116904	5.7868E-150
ENSG00000187134	AKR1C1	0.41119081	0.169077882	8.4158E-131
ENSG00000107317	PTGDS	0.411112797	0.169013732	9.5586E-153
ENSG00000228140	AL031283.1	0.411068145	0.16897702	7.9259E-150
ENSG00000122779	TRIM24	0.410923828	0.168858392	2.6294E-147
ENSG00000116641	DOCK7	0.410835688	0.168785962	5.5288E-151
ENSG00000165238	WNK2	0.410791772	0.16874988	3.3532E-147
ENSG00000220517	ASS1P1	0.410784515	0.168743918	5.5896E-144

ENSG00000186283	TOR3A	0.410695496	0.168670791	4.0033E-147
ENSG00000083937	CHMP2B	0.410647875	0.168631677	1.7227E-149
ENSG00000247373	TMED2-DT	0.410639328	0.168624657	2.2986E-152
ENSG00000165802	NSMF	0.410527993	0.168533233	7.0601E-146
ENSG00000165644	COMTD1	0.410485095	0.168498013	1.0572E-150
ENSG00000158406	H4C8	0.410475032	0.168489752	2.3699E-149
ENSG00000255760	LINC02422	0.41043741	0.168458867	2.5402E-149
ENSG00000162976	SLC66A3	0.4103419	0.168380475	5.2328E-148
ENSG00000212939	Z97192.1	0.410330042	0.168370743	1.4078E-150
ENSG00000132507	EIF5A	0.410185606	0.168252231	5.3217E-152
ENSG00000054983	GALC	0.410057436	0.168147101	2.3286E-150
ENSG00000134996	OSTF1	0.410045948	0.168137679	5.227E-149
ENSG00000145982	FARS2	0.409992075	0.168093502	5.7723E-149
ENSG00000130640	TUBGCP2	0.409922908	0.168036791	1.6561E-146
ENSG00000009830	POMT2	0.409913627	0.168029181	2.5517E-144

ENSG00000132434	LANCL2	0.40984318	0.167971432	3.4571E-150
ENSG00000184990	SIVA1	0.409808379	0.167942908	8.0953E-149
ENSG00000070831	CDC42	0.409607029	0.167777919	1.1725E-148
ENSG00000162585	FAAP20	0.409394331	0.167603718	4.3658E-146
ENSG00000152495	CAMK4	0.409250123	0.167485663	2.2597E-148
ENSG00000174132	FAM174A	0.409207315	0.167450627	2.4446E-148
ENSG00000186407	CD300E	0.409160841	0.167412594	4.5829E-147
ENSG00000075340	ADD2	0.409145846	0.167400323	4.7107E-147
ENSG00000227036	LINC00511	0.409114642	0.16737479	2.8981E-148
ENSG00000172538	FAM170B	0.40902529	0.167301688	3.4148E-148
ENSG00000130803	ZNF317	0.408971811	0.167257942	9.4625E-146
ENSG00000226334	AL359182.1	0.408829428	0.167141501	4.8916E-148
ENSG00000160949	TONSL	0.408791021	0.167110099	6.9686E-151
ENSG00000170089	AC106795.1	0.408741669	0.167069752	5.7459E-148
ENSG00000253540	FAM86HP	0.408725295	0.167056367	1.0179E-146

ENSG00000115919	KYNU	0.408646689	0.166992116	6.839E-148
ENSG00000241889	AC079944.2	0.408585628	0.166942215	7.649E-148
ENSG00000059588	TARBP1	0.408531069	0.166897634	2.118E-145
ENSG00000125089	SH3TC1	0.408440676	0.166823786	1.7136E-146
ENSG00000137094	DNAJB5	0.408415976	0.166803609	1.0438E-147
ENSG00000134809	TIMM10	0.408360621	0.166758397	1.5376E-150
ENSG00000196693	ZNF33B	0.408351778	0.166751175	2.0161E-146
ENSG00000204713	TRIM27	0.408313516	0.166719927	4.7283E-143
ENSG00000204528	PSORS1C3	0.408222341	0.16664548	6.8071E-149
ENSG00000139178	C1RL	0.408172432	0.166604734	4.0762E-145
ENSG00000116991	SIPA1L2	0.40808994	0.166537399	3.2534E-146
ENSG00000250067	YJEFN3	0.408038967	0.166495799	9.5265E-149
ENSG00000171421	MRPL36	0.408020397	0.166480645	9.8563E-149
ENSG00000109756	RAPGEF2	0.407887092	0.16637188	1.2582E-148
ENSG00000269896	AL513477.1	0.407820011	0.166317161	5.326E-146

ENSG00000104723	TUSC3	0.407696885	0.16621675	6.6677E-146
ENSG00000141141	N.A.	0.407694426	0.166214745	6.6977E-146
ENSG00000164379	FOXQ1	0.407687599	0.166209178	1.8129E-148
ENSG00000214562	NUTM2D	0.407671596	0.16619613	1.6255E-141
ENSG00000198015	MRPL42	0.407657668	0.166184774	4.1792E-147
ENSG00000049449	RCN1	0.407640568	0.166170833	1.9759E-148
ENSG00000226950	DANCR	0.407492028	0.166049753	2.5928E-148
ENSG00000111962	UST	0.40742859	0.165998056	1.5808E-144
ENSG00000164574	GALNT10	0.407149604	0.1657708	4.1831E-141
ENSG00000154760	SLFN13	0.406983937	0.165635925	1.6704E-107
ENSG00000092108	SCFD1	0.406983924	0.165635915	1.9177E-149
ENSG00000253534	TRBV6-8	0.406954015	0.16561157	1.5092E-146
ENSG00000100298	APOBEC3H	0.406918042	0.165582293	7.4002E-148
ENSG00000101310	SEC23B	0.406909504	0.165575344	1.6367E-146
ENSG00000134463	ECHDC3	0.406764572	0.165457417	3.6431E-145

ENSG0000033800	PIAS1	0.406688191	0.165395285	1.1256E-147
ENSG00000243970	PPIEL	0.406668018	0.165378877	2.5411E-146
ENSG00000101276	SLC52A3	0.406662954	0.165374758	3.4478E-149
ENSG00000154917	RAB6B	0.406589649	0.165315142	1.3472E-147
ENSG00000169071	ROR2	0.406530425	0.165266987	4.3919E-149
ENSG00000120262	CCDC170	0.406528451	0.165265381	5.5959E-145
ENSG00000146834	MEPCE	0.40645232	0.165203489	3.7629E-146
ENSG00000177710	SLC35G5	0.406367063	0.16513419	2.0212E-147
ENSG00000103064	SLC7A6	0.406293235	0.165074193	6.7711E-149
ENSG00000160613	PCSK7	0.406289684	0.165071307	5.0583E-146
ENSG00000231233	CFAP58-DT	0.406176422	0.164979286	2.8602E-147
ENSG00000238078	LINC01352	0.406120736	0.164934052	6.8768E-146
ENSG00000167775	CD320	0.405957412	0.16480142	3.3795E-141
ENSG00000128487	SPECC1	0.405936736	0.164784634	4.4243E-147
ENSG00000158270	COLEC12	0.405863467	0.164725154	4.0037E-141

ENSG00000135046	ANXA1	0.405854249	0.164717671	1.1159E-145
ENSG00000148468	FAM171A1	0.405805791	0.16467834	3.8399E-142
ENSG00000142303	ADAMTS10	0.405621441	0.164528753	1.7027E-145
ENSG00000182397	DNM1P46	0.405597392	0.164509245	1.7786E-145
ENSG00000132932	ATP8A2	0.405570539	0.164487462	4.5982E-143
ENSG00000114670	NEK11	0.405499832	0.164430113	9.7898E-147
ENSG00000129003	VPS13C	0.405468608	0.164404792	3.0416E-148
ENSG00000160336	ZNF761	0.405363265	0.164319377	4.6291E-144
ENSG00000258821	N.A.	0.405361455	0.16431791	3.6961E-148
ENSG00000242125	SNHG3	0.405308247	0.164274775	5.1137E-144
ENSG00000134815	DHX34	0.405147972	0.164144879	1.8543E-146
ENSG00000130598	TNNI2	0.4051358	0.164135016	1.0086E-142
ENSG00000185917	SETD4	0.405109262	0.164113514	4.3087E-145
ENSG00000070019	GUCY2C	0.405076863	0.164087265	4.5691E-145
ENSG00000185627	PSMD13	0.405046927	0.164063013	4.8236E-145

ENSG00000182183	SHISAL2A	0.405022098	0.1640429	2.3299E-146
ENSG00000142733	MAP3K6	0.40496357	0.163995493	9.5373E-144
ENSG00000148824	MTG1	0.404952065	0.163986175	2.6454E-146
ENSG00000118507	AKAP7	0.404906575	0.163949335	1.5253E-142
ENSG00000168899	VAMP5	0.404881159	0.163928753	1.1069E-143
ENSG00000130413	STK33	0.404877461	0.163925758	1.1143E-143
ENSG00000102796	DHRS12	0.404829476	0.163886904	1.2152E-143
ENSG00000183688	RFLNB	0.404791727	0.163856342	2.3909E-141
ENSG00000129566	TEP1	0.404659139	0.163749019	1.6529E-143
ENSG00000238164	TNFRSF14-AS1	0.404522471	0.16363843	3.0484E-142
ENSG00000173113	TRMT112	0.404420699	0.163556102	6.9263E-146
ENSG00000198917	SPOUT1	0.404280613	0.163442814	2.629E-147
ENSG00000100427	MLC1	0.404275266	0.16343849	6.0532E-141
ENSG00000166979	EVA1C	0.404225563	0.163398306	9.8587E-146
ENSG00000078618	NRDC	0.404178959	0.163360631	2.3169E-144

ENSG00000183682	BMP8A	0.404072806	0.163274832	2.8061E-144
ENSG00000155265	GOLGA7B	0.403931836	0.163160928	1.1216E-140
ENSG00000167535	CACNB3	0.403922622	0.163153484	1.7047E-145
ENSG00000115216	NRBP1	0.403852786	0.163097073	1.9339E-145
ENSG00000248835	N.A.	0.403789643	0.163046076	7.9239E-143
ENSG00000137574	TGS1	0.403721221	0.162990824	7.2367E-147
ENSG00000109452	INPP4B	0.403636881	0.162922731	1.4993E-141
ENSG00000132881	CPLANE2	0.403566868	0.162866217	6.987E-144
ENSG00000102890	ELMO3	0.403514403	0.162823873	3.5621E-145
ENSG00000108932	SLC16A6	0.403508494	0.162819105	1.314E-142
ENSG00000213689	TREX1	0.403465966	0.162784785	1.4184E-142
ENSG00000239887	C1orf226	0.403394641	0.162727236	1.6125E-142
ENSG00000068745	IP6K2	0.40326677	0.162624088	2.0291E-142
ENSG00000259015	AL442663.4	0.403213582	0.162581193	2.2325E-142
ENSG00000130811	EIF3G	0.403031614	0.162434482	1.8309E-143

ENSG00000112812	PRSS16	0.402957693	0.162374902	5.0704E-141
ENSG00000157303	SUSD3	0.402932679	0.162354744	5.3028E-141
ENSG00000112763	BTN2A1	0.402899115	0.162327697	3.1935E-146
ENSG00000125966	MMP24	0.402850818	0.162288782	2.534E-143
ENSG00000133460	SLC2A11	0.402793583	0.16224267	2.8085E-143
ENSG00000169914	OTUD3	0.402784111	0.16223504	4.826E-142
ENSG00000143549	TPM3	0.402774755	0.162227503	2.9052E-143
ENSG00000156299	TIAM1	0.40255547	0.162050906	7.2716E-142
ENSG00000154099	DNAAF1	0.402543291	0.162041101	2.0479E-144
ENSG00000103034	NDRG4	0.402481103	0.161991039	1.1901E-140
ENSG00000213859	KCTD11	0.402406508	0.161930997	2.6188E-144
ENSG00000133105	RXFP2	0.402389973	0.16191769	5.7968E-143
ENSG00000257681	AC025265.1	0.402380276	0.161909887	9.9529E-142
ENSG00000118473	SGIP1	0.402250928	0.161805809	3.4634E-144
ENSG00000258551	CRAT37	0.40224655	0.161802287	1.2646E-141

ENSG00000186187	ZNRF1	0.402182868	0.161751059	8.4045E-143
ENSG00000104960	PTOV1	0.402180006	0.161748758	1.1661E-145
ENSG00000178773	CPNE7	0.402058353	0.161650919	4.8942E-144
ENSG00000243927	MRPS6	0.401894857	0.161519476	3.3929E-140
ENSG00000125257	ABCC4	0.401886127	0.161512459	1.4304E-142
ENSG00000171314	PGAM1	0.40187902	0.161506746	2.4408E-141
ENSG00000142798	HSPG2	0.401849802	0.161483263	1.5265E-142
ENSG00000135905	DOCK10	0.401748762	0.161402068	4.4037E-140
ENSG00000177706	FAM20C	0.401732517	0.161389015	6.5438E-138
ENSG00000228409	CCT6P1	0.401705793	0.161367544	3.3267E-141
ENSG00000198792	TMEM184B	0.401683632	0.161349741	9.5858E-144
ENSG00000110717	NDUFS8	0.401592819	0.161276792	2.4181E-142
ENSG00000138964	PARVG	0.401508708	0.161209243	9.7411E-138
ENSG00000115641	FHL2	0.401501782	0.161203681	4.7894E-141
ENSG00000114054	PCCB	0.401455467	0.161166492	1.4428E-143

ENSG00000153774	CFDP1	0.401393041	0.161116374	1.6135E-143
ENSG00000233038	PTPRN2-AS1	0.401390138	0.161114043	3.4747E-142
ENSG00000235111	Z97192.3	0.401339055	0.161073037	6.4039E-141
ENSG00000119698	PPP4R4	0.40130446	0.161045269	6.8118E-141
ENSG00000128253	RFPL2	0.401285449	0.161030012	7.0468E-141
ENSG00000186446	ZNF501	0.401176001	0.160942183	7.0749E-145
ENSG00000232871	SEC1P	0.401106422	0.160886362	5.7693E-142
ENSG00000175895	PLEKHF2	0.401104167	0.160884553	9.7372E-141
ENSG00000124205	EDN3	0.401078037	0.160863592	2.8356E-143
ENSG00000181830	SLC35C1	0.400989419	0.160792514	7.11E-142
ENSG00000258890	CEP95	0.400960952	0.160769685	1.0401E-144
ENSG00000196912	ANKRD36B	0.400869407	0.160696282	1.2254E-144
ENSG00000168159	RNF187	0.400837934	0.160671049	1.565E-140
ENSG00000167670	CHAF1A	0.400802838	0.160642915	4.6383E-143
ENSG00000134779	TPGS2	0.400732787	0.160586766	1.124E-141

ENSG00000140941	MAP1LC3B	0.400676208	0.160541424	1.2434E-141
ENSG00000176871	WSB2	0.400594013	0.160475563	3.4423E-139
ENSG00000152580	IGSF10	0.4005838	0.160467381	6.86E-143
ENSG00000101019	UQCC1	0.400555877	0.160445011	7.2107E-143
ENSG00000123965	PMS2P5	0.400384328	0.16030761	2.0921E-141
ENSG00000112164	GLP1R	0.400349031	0.160279347	3.7367E-140
ENSG00000171115	GIMAP8	0.400297155	0.160237813	5.8323E-139
ENSG00000182858	ALG12	0.400287242	0.160229876	2.4872E-141
ENSG00000211696	TRGV8	0.400271248	0.160217072	4.2911E-140
ENSG00000186074	CD300LF	0.400167905	0.160134352	5.1565E-140
ENSG00000228439	N.A.	0.400143563	0.160114871	7.66E-139
ENSG00000206531	CD200R1L	0.40002006	0.160016048	1.8757E-142
ENSG00000105497	ZNF175	0.400010154	0.160008123	4.0733E-141
ENSG00000088298	EDEM2	0.399859926	0.159887961	5.3212E-141
ENSG00000035403	VCL	0.399815891	0.159852747	9.6366E-140

ENSG00000198162	MAN1A2	0.399766781	0.159813479	6.2798E-141
ENSG00000256433	AC005840.2	0.399717729	0.159774263	1.6298E-138
ENSG00000104219	ZDHHC2	0.39969332	0.15975475	3.357E-142
ENSG00000105514	RAB3D	0.399634942	0.159708086	7.9383E-141
ENSG00000149257	SERPINH1	0.399544105	0.159635492	4.3783E-142
ENSG00000267074	AC015911.3	0.399351047	0.159481259	3.9116E-137
ENSG00000267839	N.A.	0.399347745	0.159478622	3.9345E-137
ENSG00000163421	PROK2	0.399281916	0.159426048	2.4845E-139
ENSG00000007237	GAS7	0.399193923	0.159355788	4.1192E-138
ENSG00000261589	N.A.	0.399139605	0.159312424	8.9889E-142
ENSG00000260552	COSMOC	0.399126414	0.159301895	9.2021E-142
ENSG00000105609	LILRB5	0.39911839	0.159295489	4.7078E-138
ENSG00000184220	CMSS1	0.399025338	0.15922122	1.1012E-141
ENSG00000177508	IRX3	0.399007066	0.159206639	1.1376E-141
ENSG00000139531	SUOX	0.398874763	0.159101076	3.0596E-140

ENSG00000196345	ZKSCAN7	0.398685715	0.158950299	7.1383E-139
ENSG00000125170	DOK4	0.39867123	0.158938749	4.3883E-140
ENSG00000143320	CRABP2	0.398528829	0.158825228	7.9655E-143
ENSG00000254419	AL139349.1	0.398383757	0.158709618	7.2999E-140
ENSG00000204947	ZNF425	0.39821472	0.158574963	1.3912E-142
ENSG00000173083	HPSE	0.398194994	0.158559254	4.8034E-141
ENSG00000126267	COX6B1	0.398183977	0.15855048	1.4692E-142
ENSG00000151474	FRMD4A	0.398095319	0.158479883	5.7308E-141
ENSG00000100505	TRIM9	0.398053471	0.158446566	2.1808E-138
ENSG00000133454	MYO18B	0.39805056	0.158444248	1.8615E-142
ENSG00000229124	VIM-AS1	0.397991016	0.158396849	6.893E-141
ENSG00000198576	ARC	0.397971431	0.15838126	7.1362E-141
ENSG00000168275	COA6	0.397896402	0.158321547	8.1495E-141
ENSG00000182165	TP53TG1	0.397818993	0.158259951	1.9811E-139
ENSG00000270000	AC005479.2	0.397760296	0.158213253	1.0368E-140

ENSG00000162408	NOL9	0.397750555	0.158205504	1.0548E-140
ENSG00000266256	LINC00683	0.397701595	0.158166558	2.4374E-139
ENSG00000232300	FAM215B	0.39752899	0.158029298	1.5606E-140
ENSG00000197442	MAP3K5	0.397358781	0.157894001	6.339E-142
ENSG00000260814	AC073657.1	0.397262553	0.157817536	7.5153E-142
ENSG00000082212	ME2	0.397260152	0.157815629	5.3101E-139
ENSG00000142694	EVA1B	0.39725103	0.157808381	2.5499E-140
ENSG00000244479	OR2A1-AS1	0.397231537	0.157792894	6.9724E-122
ENSG00000204160	ZDHHC18	0.397186453	0.157757079	8.5978E-142
ENSG00000255587	RAB44	0.397169322	0.157743471	1.46E-136
ENSG00000228318	AP001610.2	0.397158488	0.157734865	6.352E-139
ENSG00000228649	SNHG26	0.397069936	0.157664534	7.4244E-139
ENSG00000188385	JAKMIP3	0.397069038	0.157663821	1.6682E-126
ENSG00000211689	TRGC1	0.397032575	0.157634866	7.9294E-139
ENSG00000125814	NAPB	0.396973832	0.157588224	8.7936E-139

ENSG00000084710	EFR3B	0.396782271	0.157436171	2.0445E-137
ENSG00000173338	KCNK7	0.396758356	0.157417193	1.8318E-141
ENSG00000182919	C11orf54	0.396661693	0.157340499	2.1726E-141
ENSG00000254685	FPGT	0.396627475	0.157313354	2.3078E-141
ENSG00000073146	MOV10L1	0.396562933	0.15726216	1.812E-138
ENSG00000205181	LINC00654	0.396558231	0.15725843	3.0301E-137
ENSG00000115604	IL18R1	0.396379125	0.15711641	2.5032E-138
ENSG00000249685	AC079921.2	0.396246238	0.157011081	3.1614E-138
ENSG00000119242	CCDC92	0.396061954	0.156865072	7.2352E-137
ENSG00000239653	PSMD6-AS2	0.39603665	0.156845028	4.5676E-138
ENSG00000198130	HIBCH	0.395916544	0.15674991	2.6754E-139
ENSG00000103550	KNOP1	0.395904359	0.156740261	8.2548E-141
ENSG00000184992	BRI3BP	0.395825577	0.156677888	1.5373E-135
ENSG00000146587	RBAK	0.39582484	0.156677304	6.6234E-138
ENSG00000101367	MAPRE1	0.395805984	0.156662377	3.2491E-139

ENSG00000148341	SH3GLB2	0.395776835	0.156639303	3.4198E-139
ENSG00000269696	AC005498.3	0.395632735	0.156525261	9.2759E-138
ENSG00000085741	WNT11	0.395613217	0.156509818	9.5987E-138
ENSG00000196236	XPNPEP3	0.395555418	0.156464089	5.0448E-139
ENSG00000228486	C2orf92	0.395496067	0.156417139	1.1786E-137
ENSG00000119321	FKBP15	0.395491255	0.156413333	1.9649E-136
ENSG00000212283	SNORD89	0.395480811	0.156405072	5.7505E-139
ENSG00000259514	AC027243.1	0.395422081	0.156358622	3.1106E-135
ENSG00000136699	SMPD4	0.395375904	0.156322105	2.0909E-140
ENSG00000171658	NMRAL2P	0.395293741	0.156257141	2.4156E-140
ENSG00000268785	RPL7P50	0.395233945	0.156209871	8.8666E-139
ENSG00000215529	EFCAB8	0.395210851	0.156191617	3.2077E-136
ENSG00000125551	PLGLB2	0.395206781	0.156188399	9.299E-139
ENSG00000130592	LSP1	0.395145057	0.156139616	2.179E-137
ENSG00000158683	PKD1L1	0.39504579	0.156061176	3.7334E-140

ENSG00000166189	HPS6	0.394942079	0.155979246	1.4787E-138
ENSG00000145349	CAMK2D	0.394918067	0.15596028	9.2698E-134
ENSG00000234436	AC245884.2	0.3948764	0.155927371	3.4858E-137
ENSG00000225948	LINC02648	0.394845983	0.15590335	3.6762E-137
ENSG00000183323	CCDC125	0.394824703	0.155886546	1.8161E-138
ENSG00000154978	VOPP1	0.394748356	0.155826265	1.0068E-134
ENSG00000262001	DLGAP1-AS2	0.394724239	0.155807225	1.05E-134
ENSG00000224287	MSL3P1	0.394580824	0.155694027	5.8423E-137
ENSG00000137501	SYTL2	0.394482633	0.155616548	1.5988E-134
ENSG00000103642	LACTB	0.39421248	0.15540348	5.2984E-138
ENSG00000261490	AC005674.1	0.394084353	0.155302478	3.1952E-134
ENSG00000059691	GATB	0.394013423	0.155246577	7.501E-138
ENSG00000165609	NUDT5	0.394003792	0.155238988	1.5987E-136
ENSG00000132286	TIMM10B	0.394001341	0.155237057	7.6609E-138
ENSG00000138658	ZGRF1	0.393982119	0.15522191	7.9223E-138

ENSG00000170027	YWHAG	0.393946842	0.155194115	8.4255E-138
ENSG00000144827	ABHD10	0.393937355	0.155186639	1.7949E-136
ENSG00000110446	SLC15A3	0.393841009	0.155110741	2.1229E-136
ENSG00000186648	CARMIL3	0.393799097	0.155077728	3.7562E-135
ENSG00000100991	TRPC4AP	0.393736101	0.155028117	2.5485E-136
ENSG00000130517	PGPEP1	0.39370112	0.155000572	6.2152E-134
ENSG00000111647	UHRF1BP1L	0.393687768	0.154990058	4.5581E-135
ENSG00000158428	CATIP	0.393596283	0.154918034	3.2507E-136
ENSG00000168653	NDUFS5	0.393545558	0.154878107	3.5507E-136
ENSG00000145945	FAM50B	0.393513073	0.154852538	1.7954E-137
ENSG00000153898	MCOLN2	0.393503259	0.154844815	3.8219E-136
ENSG00000163545	NUAK2	0.393432111	0.154788826	9.9095E-134
ENSG00000180917	CMTR2	0.393315396	0.154697	2.5335E-137
ENSG00000170624	SGCD	0.393192514	0.154600353	6.5605E-136
ENSG00000103549	RNF40	0.393147398	0.154564877	7.0955E-136

ENSG00000110002	VWA5A	0.393078858	0.154510988	7.9928E-136
ENSG00000086570	FAT2	0.393078765	0.154510915	3.825E-137
ENSG00000221995	TIAF1	0.392969097	0.154424711	4.6291E-137
ENSG00000172590	MRPL52	0.392902171	0.154372116	1.0863E-135
ENSG00000110811	P3H3	0.392846093	0.154328053	5.7333E-137
ENSG00000177663	IL17RA	0.392841353	0.154324329	1.2073E-135
ENSG00000215267	AKR1C7P	0.392773259	0.154270833	1.3587E-135
ENSG00000127463	EMC1	0.392708827	0.154220223	7.2783E-137
ENSG00000099337	KCNK6	0.392608015	0.154141053	8.6718E-137
ENSG00000131153	GINS2	0.392570984	0.154111977	9.248E-137
ENSG00000116151	MORN1	0.392528084	0.154078297	2.0789E-135
ENSG00000138449	SLC40A1	0.392502731	0.154058394	3.1766E-138
ENSG00000130529	TRPM4	0.392409272	0.153985037	2.5543E-135
ENSG00000237840	FAM21FP	0.392399624	0.153977465	4.2542E-134
ENSG00000119403	PHF19	0.392335578	0.153927206	2.9023E-135

ENSG00000197870	PRB3	0.392322313	0.153916797	2.9697E-135
ENSG00000169047	IRS1	0.392212746	0.153830838	5.8774E-134
ENSG00000067221	STOML1	0.392161433	0.15379059	3.9241E-135
ENSG00000049860	HEXB	0.392090489	0.153734952	7.2605E-134
ENSG00000130669	PAK4	0.391908702	0.153592431	2.9181E-136
ENSG00000103222	ABCC1	0.391833339	0.153533365	1.9261E-131
ENSG00000205903	ZNF316	0.391598342	0.153349262	1.0394E-134
ENSG00000187474	FPR3	0.391483317	0.153259188	2.8711E-132
ENSG00000140043	PTGR2	0.391462783	0.153243111	2.1457E-133
ENSG00000171206	TRIM8	0.391341382	0.153148077	1.6202E-134
ENSG00000184005	ST6GALNAC3	0.391332949	0.153141477	1.644E-134
ENSG00000081913	PHLPP1	0.391274953	0.153096089	1.8171E-134
ENSG00000103160	HSDL1	0.391156083	0.153003081	2.2309E-134
ENSG00000072778	ACADVL	0.391085503	0.152947871	1.2129E-135
ENSG00000171943	SRGAP2C	0.391085011	0.152947486	3.7195E-137

ENSG00000140463	BBS4	0.391067345	0.152933668	2.5999E-134
ENSG00000138613	APH1B	0.391010259	0.152889023	2.869E-134
ENSG00000141959	PFKL	0.390943946	0.152837169	5.2454E-133
ENSG00000255582	OR10G2	0.39089913	0.15280213	5.666E-133
ENSG00000238651	N.A.	0.390885754	0.152791672	5.2509E-137
ENSG00000237082	COX5BP6	0.390846518	0.152761001	3.8049E-134
ENSG00000122420	PTGFR	0.390816845	0.152737807	9.0313E-132
ENSG00000184616	SPDYE12P	0.390791423	0.152717936	4.1839E-134
ENSG00000070018	LRP6	0.390766422	0.152698397	1.2035E-130
ENSG00000141401	IMPA2	0.390724689	0.152665783	7.6492E-133
ENSG00000162882	HAAO	0.390654511	0.152610947	8.6304E-133
ENSG00000211683	AP000346.1	0.390653728	0.152610335	2.5565E-135
ENSG00000129562	DAD1	0.390622201	0.152585704	9.1235E-133
ENSG00000177103	DSCAML1	0.390554507	0.152532823	1.4169E-131
ENSG00000125827	TMX4	0.39052849	0.152512502	1.4816E-131

ENSG00000183401	CCDC159	0.390468059	0.152465305	3.5216E-135
ENSG00000263834	MIR4635	0.390449364	0.152450706	7.5412E-134
ENSG00000234420	ZNF37BP	0.390426375	0.152432754	7.8456E-134
ENSG00000091622	PITPNM3	0.390294404	0.152329722	4.7506E-135
ENSG00000089916	GPATCH2L	0.390251055	0.152295886	5.1191E-135
ENSG00000171714	ANO5	0.39022067	0.152272171	5.3942E-135
ENSG00000128268	MGAT3	0.390204165	0.15225929	5.5498E-135
ENSG00000188897	AC099489.1	0.390187224	0.15224607	3.5838E-129
ENSG00000035681	NSMAF	0.390144438	0.152212683	6.1512E-135
ENSG00000081665	ZNF506	0.39013618	0.152206239	2.1026E-132
ENSG00000141971	MVB12A	0.390071046	0.152155421	2.1452E-136
ENSG00000107643	MAPK8	0.390034218	0.152126691	2.2859E-136
ENSG00000108666	C17orf75	0.389837913	0.151973598	1.0427E-134
ENSG00000171747	LGALS4	0.389783578	0.151931238	3.8498E-132
ENSG00000135976	ANKRD36	0.389737516	0.151895331	2.564E-133

ENSG00000108039	XPNPEP1	0.3896033	0.151790731	4.8042E-136
ENSG00000213020	ZNF611	0.389575373	0.151768971	5.5004E-132
ENSG00000117016	RIMS3	0.389573826	0.151767766	3.3959E-133
ENSG00000106686	SPATA6L	0.389553948	0.151752279	9.5758E-130
ENSG00000213639	PPP1CB	0.389459428	0.151678646	4.1323E-133
ENSG00000143776	CDC42BPA	0.38937743	0.151614783	1.0634E-130
ENSG00000133103	COG6	0.38936438	0.15160462	7.2485E-136
ENSG00000259070	LINC00639	0.389349214	0.151592811	2.4156E-134
ENSG00000204377	N.A.	0.389329696	0.151577612	2.4979E-134
ENSG00000112137	PHACTR1	0.38930596	0.151559131	5.3764E-133
ENSG00000187726	DNAJB13	0.389158426	0.151444281	1.033E-135
ENSG00000269051	N.A.	0.38914254	0.151431916	3.4447E-134
ENSG00000186532	SMYD4	0.389057353	0.151365624	1.3349E-131
ENSG00000100889	PCK2	0.388966282	0.151294769	4.6612E-134
ENSG00000139514	SLC7A1	0.388963207	0.151292376	1.568E-131

ENSG00000172250	SERHL	0.388957189	0.151287695	1.1171E-114
ENSG00000164556	FAM183BP	0.388911249	0.15125196	1.0573E-132
ENSG00000026950	BTN3A1	0.388874911	0.151223696	1.8234E-131
ENSG00000256872	N.A.	0.388874136	0.151223093	1.1266E-132
ENSG00000165125	TRPV6	0.388865479	0.15121636	5.541E-134
ENSG00000169925	BRD3	0.388861131	0.151212979	1.152E-132
ENSG00000261693	AC134682.1	0.388819182	0.151180357	5.9988E-134
ENSG00000249849	AC138819.1	0.388802604	0.151167465	2.0632E-131
ENSG00000147853	AK3	0.388796015	0.151162341	3.8334E-128
ENSG00000232533	AC093673.1	0.388724711	0.151106901	3.9354E-129
ENSG00000196739	COL27A1	0.388712469	0.151097383	2.4066E-131
ENSG00000235478	LINC01664	0.38851493	0.150943851	4.6327E-130
ENSG00000186818	LILRB4	0.388335737	0.150804645	4.5777E-131
ENSG00000198885	ITPRIPL1	0.388252741	0.150740191	4.8913E-135
ENSG00000138376	BARD1	0.388212753	0.150709142	3.4907E-132

ENSG00000236297	AC048351.1	0.388163888	0.150671204	1.8427E-133
ENSG00000139998	RAB15	0.388157303	0.150666092	3.5479E-114
ENSG00000185187	SIGIRR	0.388139013	0.150651893	3.9592E-132
ENSG00000117601	SERPINC1	0.388080053	0.150606127	6.5758E-135
ENSG00000073150	PANX2	0.388022161	0.150561197	7.8126E-131
ENSG00000267023	LRR37A16P	0.387964766	0.150516659	5.3306E-132
ENSG00000226266	AC009961.1	0.387944693	0.150501085	8.2916E-135
ENSG00000198380	GFPT1	0.387933112	0.150492099	5.6265E-132
ENSG00000167920	TMEM99	0.387812054	0.150398189	1.1174E-130
ENSG00000225964	NRIR	0.387665708	0.150284701	4.3176E-133
ENSG00000130396	AFDN	0.387647599	0.150270661	2.4524E-128
ENSG00000188677	PARVB	0.38763035	0.150257288	2.086E-129
ENSG00000230257	NFE4	0.387581241	0.150219218	2.2674E-129
ENSG00000171148	TADA3	0.387510434	0.150164336	5.6281E-133
ENSG00000256269	HMBS	0.387505321	0.150160374	1.8831E-130

ENSG00000172273	HINFP	0.387463902	0.150128276	6.0933E-133
ENSG00000230492	AL049651.1	0.387279441	0.149985366	1.7142E-131
ENSG00000162783	IER5	0.387200241	0.149924027	1.9616E-131
ENSG00000131507	NDFIP1	0.387169794	0.149900449	1.0062E-132
ENSG00000248971	KRT8P46	0.387097144	0.149844199	1.1389E-132
ENSG00000166770	ZNF667-AS1	0.387050187	0.149807847	4.0809E-130
ENSG00000176715	ACSF3	0.387036831	0.149797509	4.1745E-130
ENSG00000160678	S100A1	0.387026109	0.149789209	3.9872E-134
ENSG00000143799	PARP1	0.387017129	0.149782258	1.3053E-132
ENSG00000185838	GNB1L	0.386982496	0.149755452	6.2607E-129
ENSG00000133574	GIMAP4	0.38695106	0.149731123	4.8289E-130
ENSG00000188227	ZNF793	0.386905437	0.149695817	1.5788E-132
ENSG00000171522	PTGER4	0.386767833	0.149589356	1.0874E-127
ENSG00000186395	KRT10	0.386726857	0.149557662	4.3873E-131
ENSG00000255026	AC136475.3	0.386706058	0.149541575	7.3176E-130

ENSG0000005882	PDK2	0.386682444	0.149523312	4.7312E-131
ENSG00000256673	AC141557.1	0.386679161	0.149520774	1.0465E-128
ENSG00000106018	VIPR2	0.386630573	0.1494832	1.3713E-127
ENSG00000131355	ADGRE3	0.386625934	0.149479613	5.2078E-131
ENSG00000196782	MAML3	0.386544438	0.149416602	2.9186E-132
ENSG00000185829	ARL17A	0.386432782	0.149330295	1.1629E-129
ENSG00000145012	LPP	0.386399523	0.149304592	1.2303E-129
ENSG00000175984	DENND2C	0.386210192	0.149158312	5.1518E-132
ENSG00000132561	MATN2	0.386203356	0.149153032	5.2119E-132
ENSG00000125734	GPR108	0.386196522	0.149147753	2.3672E-128
ENSG00000107719	PALD1	0.386174677	0.149130881	1.8004E-129
ENSG00000258602	LINC01629	0.386148493	0.149110659	5.721E-132
ENSG00000100417	PMM1	0.385981546	0.148981754	1.5539E-130
ENSG00000162378	ZYG11B	0.385957959	0.148963546	2.598E-129
ENSG00000127528	KLF2	0.385914478	0.148929984	8.5122E-132

ENSG00000225527	AL450384.1	0.385803596	0.148844415	3.1987E-133
ENSG00000167094	TTC16	0.385789002	0.148833154	1.0532E-131
ENSG00000176788	BASP1	0.385771288	0.148819486	2.2188E-130
ENSG00000184313	MROH7	0.385761722	0.148812106	2.255E-130
ENSG00000188042	ARL4C	0.385709891	0.14877212	7.0594E-126
ENSG00000267364	AC022706.1	0.385674058	0.148744479	2.6158E-130
ENSG00000177302	TOP3A	0.385544252	0.148644371	1.595E-131
ENSG00000148926	ADM	0.385518328	0.148624381	5.1933E-133
ENSG00000267283	AC005306.1	0.385516311	0.148622826	3.4163E-130
ENSG00000125148	MT2A	0.385455747	0.148576133	3.7848E-130
ENSG00000182636	NDN	0.385418895	0.148547725	6.1482E-133
ENSG00000242048	AC093583.1	0.38535343	0.148497266	2.2039E-131
ENSG00000155085	AK9	0.385273827	0.148435922	2.522E-131
ENSG00000224137	LINC01857	0.38523746	0.1484079	2.6822E-131
ENSG00000226686	LINC01535	0.385237004	0.148407549	5.4787E-130

ENSG00000118307	CFAP94	0.38522449	0.148397908	5.5958E-130
ENSG00000211721	TRBV6-5	0.385180104	0.148363712	6.0317E-130
ENSG00000085662	AKR1B1	0.385159546	0.148347876	1.361E-127
ENSG00000143126	CELSR2	0.385151209	0.148341454	3.1038E-131
ENSG00000183935	HTR7P1	0.385144472	0.148336264	3.1394E-131
ENSG00000227184	N.A.	0.385138543	0.148331697	1.4323E-116
ENSG00000178075	GRAMD1C	0.385117185	0.148315246	3.2878E-131
ENSG00000269892	AC125494.2	0.385098094	0.148300542	3.3958E-131
ENSG00000105397	TYK2	0.385078201	0.148285221	7.1649E-130
ENSG00000172554	SNTG2	0.385078102	0.148285144	2.0391E-125
ENSG00000163141	BNIP1	0.385057686	0.148269421	7.4175E-130
ENSG00000174516	PELI3	0.385043122	0.148258206	3.7269E-131
ENSG00000025039	RRAGD	0.384946226	0.148183597	1.4339E-128
ENSG00000187239	FNBP1	0.384918341	0.148162129	9.3855E-130
ENSG00000123268	ATF1	0.384888625	0.148139253	1.511E-132

ENSG0000019186	CYP24A1	0.384843236	0.148104316	3.023E-125
ENSG00000269202	N.A.	0.384581138	0.147902652	8.1389E-131
ENSG00000106069	CHN2	0.384548609	0.147877633	3.8027E-127
ENSG00000126746	ZNF384	0.384484109	0.14782803	9.5882E-131
ENSG00000231769	AL035701.1	0.384453475	0.147804474	2.056E-129
ENSG00000133835	HSD17B4	0.384400998	0.147764128	1.1033E-130
ENSG00000103647	CORO2B	0.384346755	0.147722428	3.7809E-132
ENSG00000236946	HNRNPA1P70	0.384218527	0.147623877	4.8807E-128
ENSG00000175265	GOLGA8A	0.384216035	0.147621962	6.54007E-95
ENSG00000239672	NME1	0.384196681	0.14760709	4.8728E-132
ENSG00000168269	FOXI1	0.384002046	0.147457571	9.5169E-127
ENSG00000144741	SLC25A26	0.383994767	0.147451981	4.4519E-129
ENSG00000101191	DIDO1	0.383983752	0.147443522	2.2304E-130
ENSG00000154856	APCDD1	0.383913884	0.147389871	1.1033E-126
ENSG00000251022	THAP9-AS1	0.383873427	0.147358808	8.4124E-132

ENSG00000166851	PLK1	0.383826037	0.147322427	2.9096E-130
ENSG00000225449	RAB6C-AS1	0.383821792	0.147319168	9.1785E-132
ENSG00000105971	CAV2	0.383582797	0.147135762	1.4194E-127
ENSG00000180263	FGD6	0.383555113	0.147114524	9.3242E-129
ENSG00000106330	MOSPD3	0.383508965	0.147079126	1.5558E-131
ENSG00000162604	TM2D1	0.383454526	0.147037373	1.7054E-131
ENSG00000268895	A1BG-AS1	0.383418272	0.147009571	1.8129E-131
ENSG00000185009	AP3M1	0.383387361	0.146985869	6.0894E-130
ENSG00000108469	RECQL5	0.383374719	0.146976175	2.012E-127
ENSG00000150477	KIAA1328	0.3833385	0.146948406	2.0737E-131
ENSG00000104518	GSDMD	0.383273592	0.146898646	2.3836E-127
ENSG00000137210	TMEM14B	0.383202017	0.146843786	3.633E-126
ENSG00000231721	LINC-PINT	0.383138697	0.146795261	2.9879E-127
ENSG00000153391	INO80C	0.383081923	0.14675176	3.2859E-127
ENSG00000251160	N.A.	0.383011994	0.146698188	2.3204E-128

ENSG00000185522	LMNTD2	0.382981202	0.146674601	5.2548E-126
ENSG00000255306	AC004923.4	0.382979633	0.1466734	1.2085E-129
ENSG00000151445	VIPAS39	0.382938232	0.14664169	4.0688E-131
ENSG00000079257	LXN	0.382899874	0.146612314	6.0195E-126
ENSG00000144847	IGSF11	0.38286371	0.146584621	1.4683E-129
ENSG00000107537	PHYH	0.382823059	0.146553495	6.8434E-126
ENSG00000091262	ABCC6	0.382750006	0.146497567	5.7264E-127
ENSG00000174749	FAM241A	0.382696008	0.146456234	1.9457E-129
ENSG00000205047	N.A.	0.382574347	0.146363131	2.3863E-129
ENSG00000267198	AC091132.4	0.382457546	0.146273774	2.9027E-129
ENSG00000230825	AC005532.1	0.38231183	0.146162335	7.4968E-128
ENSG00000214226	C17orf67	0.382267913	0.146128758	3.9889E-129
ENSG00000079156	OSBPL6	0.382258958	0.146121911	4.0492E-129
ENSG00000170092	SPDYE5	0.382070416	0.145977803	1.7486E-130
ENSG00000070190	DAPP1	0.381941423	0.145879251	1.3926E-127

ENSG00000146425	DYNLT1	0.381875575	0.145828955	7.6945E-129
ENSG00000105656	ELL	0.381827011	0.145791866	2.6742E-126
ENSG00000212743	LINC02656	0.381767525	0.145746443	5.0884E-123
ENSG00000118515	SGK1	0.381765108	0.145744597	5.1089E-123
ENSG00000143869	GDF7	0.381714087	0.145705645	5.1652E-124
ENSG00000166762	CATSPER2	0.381684858	0.145683331	3.389E-126
ENSG00000103316	CRYM	0.381660438	0.14566469	1.1027E-128
ENSG00000158158	CNNM4	0.381593993	0.145613975	2.4874E-127
ENSG00000177807	KCNJ10	0.381591755	0.145612268	1.2369E-128
ENSG00000163602	RYBP	0.381586952	0.145608602	1.2469E-128
ENSG00000131409	LRRC4B	0.381512004	0.145551409	2.852E-127
ENSG00000117174	ZNHIT6	0.381510012	0.14554989	1.418E-128
ENSG00000005175	RPAP3	0.381418028	0.145479712	5.2174E-130
ENSG00000106633	GCK	0.381406179	0.145470673	3.4026E-127
ENSG00000128563	PRKRIP1	0.381390309	0.145458568	3.4938E-127

ENSG00000253736	AC022217.3	0.381354812	0.145431492	3.7069E-127
ENSG00000131203	IDO1	0.381249876	0.145351468	4.4155E-127
ENSG00000205517	RGL3	0.381134825	0.145263755	1.1374E-124
ENSG00000213073	CHP1P2	0.380882756	0.145071673	8.1383E-127
ENSG00000142599	RERE	0.380854385	0.145050062	1.339E-129
ENSG00000108771	DHX58	0.380692866	0.144927058	1.7645E-125
ENSG00000152268	N.A.	0.380659874	0.14490194	2.5003E-124
ENSG00000255569	TRAV1-1	0.380638965	0.144886021	1.2209E-126
ENSG00000261245	AC093520.2	0.380633359	0.144881754	6.1233E-128
ENSG00000177646	ACAD9	0.380623969	0.144874606	1.2518E-126
ENSG00000081014	AP4E1	0.380553448	0.144820927	1.4075E-126
ENSG00000111877	MCM9	0.380416857	0.144716985	1.7662E-126
ENSG00000163435	ELF3	0.380348006	0.144664606	9.8481E-128
ENSG00000164916	FOXK1	0.380297062	0.144625855	1.072E-127
ENSG00000108582	CPD	0.38022812	0.144573423	2.4166E-126

ENSG00000204583	LRCOL1	0.380207714	0.144557906	2.4999E-126
ENSG00000223935	LGALSL-DT	0.38011652	0.144488569	1.4475E-127
ENSG00000037757	MRI1	0.38005183	0.144439393	5.1089E-125
ENSG00000104725	N.A.	0.380020098	0.144415275	3.4134E-126
ENSG00000064787	BCAS1	0.379977782	0.144383115	5.7756E-125
ENSG00000001167	NFYA	0.379935537	0.144351012	6.1985E-129
ENSG00000100330	MTMR3	0.379876751	0.144306346	6.8359E-129
ENSG00000197535	MYO5A	0.379834287	0.144274085	7.3245E-125
ENSG00000153721	CNKS3	0.379748455	0.144208889	2.6686E-127
ENSG00000078487	ZCWPW1	0.379735925	0.144199373	1.153E-123
ENSG00000167565	SERTAD3	0.379634001	0.144121975	1.3644E-123
ENSG00000131389	SLC6A6	0.379558859	0.144064928	3.6559E-127
ENSG00000136270	TBRG4	0.379354144	0.143909566	1.0294E-125
ENSG00000187166	H1-7	0.379242264	0.143824695	6.1814E-127
ENSG00000154719	MRPL39	0.379174795	0.143773525	2.1962E-128

ENSG0000066855	MTFR1	0.378991372	0.14363446	9.3683E-127
ENSG00000131484	AC091132.1	0.378948483	0.143601953	2.0138E-125
ENSG00000179588	ZFPM1	0.378931953	0.143589425	2.0696E-125
ENSG00000260929	N.A.	0.3789279	0.143586354	1.0407E-126
ENSG00000107551	RASSF4	0.378917928	0.143578796	4.4436E-123
ENSG00000267480	AP001542.3	0.378909766	0.143572611	2.1469E-125
ENSG00000158528	PPP1R9A	0.378890652	0.143558126	2.2159E-125
ENSG00000050748	MAPK9	0.37887509	0.143546334	2.2736E-125
ENSG00000162512	SDC3	0.378871016	0.143543247	3.5981E-124
ENSG00000165626	BEND7	0.378789623	0.143481579	5.4888E-123
ENSG00000106003	LFNG	0.378690991	0.143406866	1.5404E-126
ENSG00000174177	CTU2	0.378472659	0.143241553	4.4194E-125
ENSG00000165028	NIPSNAP3B	0.378472497	0.143241431	4.4206E-125
ENSG00000166821	PEX11A	0.378414811	0.143197769	7.7454E-128
ENSG00000184117	NIPSNAP1	0.37841274	0.143196202	7.6583E-124

ENSG00000158714	SLAMF8	0.378374781	0.143167475	8.1524E-124
ENSG00000162694	EXTL2	0.378313916	0.143121419	2.8737E-126
ENSG00000173706	HEG1	0.378313892	0.143121401	1.2003E-122
ENSG00000106785	TRIM14	0.378282183	0.14309741	9.495E-124
ENSG00000169599	NFU1	0.378269644	0.143087924	3.0918E-126
ENSG00000160233	LRRC3	0.378190877	0.14302834	7.0345E-125
ENSG00000248508	SRP14-AS1	0.378157228	0.143002889	7.4357E-125
ENSG00000170522	ELOVL6	0.378132882	0.142984476	1.616E-122
ENSG00000206530	CFAP44	0.378052456	0.14292366	4.4259E-126
ENSG00000124508	BTN2A2	0.378003149	0.14288638	9.5853E-125
ENSG00000048342	CC2D2A	0.377990913	0.14287713	4.8993E-126
ENSG00000071242	RPS6KA2	0.377972322	0.142863076	2.1033E-122
ENSG00000123975	CKS2	0.377748824	0.142694174	1.4572E-124
ENSG00000114738	MAPKAPK3	0.377588753	0.142573266	9.5109E-126
ENSG00000138095	LRPPRC	0.377559631	0.142551275	9.9786E-126

ENSG00000105447	GRWD1	0.377458776	0.142475127	1.1783E-125
ENSG00000114541	FRMD4B	0.377399032	0.142430029	4.0542E-123
ENSG00000124116	WFDC3	0.377394324	0.142426475	1.3103E-125
ENSG00000227135	N.A.	0.377355417	0.142397111	2.7834E-124
ENSG00000244198	ARHGEF35-AS1	0.377347051	0.142390797	5.02757E-93
ENSG00000181192	DHTKD1	0.377309823	0.142362702	4.6933E-123
ENSG00000205959	AC105345.1	0.377263766	0.142327949	1.6246E-125
ENSG00000067208	EVI5	0.377207759	0.142285693	1.7815E-125
ENSG00000224298	N.A.	0.377138259	0.142233267	6.3854E-127
ENSG00000158089	GALNT14	0.377134453	0.142230395	6.2573E-123
ENSG00000131943	C19orf12	0.377118274	0.142218193	4.1097E-124
ENSG00000008838	MED24	0.377070069	0.142181837	2.2345E-125
ENSG00000268758	ADGRE4P	0.376967406	0.142104425	5.265E-124
ENSG00000162777	DENND2D	0.376929767	0.142076049	1.4079E-118
ENSG00000185298	CCDC137	0.376881207	0.142039444	3.0485E-125

ENSG00000100629	CEP128	0.376878239	0.142037207	6.0948E-124
ENSG00000185272	RBM11	0.376828041	0.141999372	3.327E-125
ENSG00000239556	AC004951.2	0.376702907	0.14190508	4.0867E-125
ENSG00000259673	IQCH-AS1	0.376603671	0.141830325	4.8103E-125
ENSG00000259004	LINC02285	0.37646515	0.141726009	1.9346E-126
ENSG00000105137	SYDE1	0.376463557	0.141724809	6.0549E-125
ENSG00000121671	CRY2	0.376441086	0.141707892	6.2824E-125
ENSG00000248166	N.A.	0.376386079	0.141666481	2.1308E-122
ENSG00000112414	ADGRG6	0.376150804	0.141489428	3.2436E-126
ENSG00000177483	RBM44	0.375962717	0.141347965	2.7316E-123
ENSG00000187017	ESPN	0.375885509	0.141289916	1.5626E-124
ENSG00000008311	AASS	0.375807546	0.141231311	1.7755E-124
ENSG00000050405	LIMA1	0.375785858	0.141215011	1.8397E-124
ENSG00000163040	CCDC74A	0.375764795	0.141199181	1.9042E-124
ENSG00000221946	FXD7	0.375752117	0.141189653	3.8545E-123

ENSG0000078674	PCM1	0.375736361	0.141177813	3.9551E-123
ENSG0000074966	TXK	0.375605372	0.141079395	1.007E-120
ENSG00000142621	FHAD1	0.375542836	0.141032422	5.426E-123
ENSG00000196326	N.A.	0.375524014	0.141018285	1.341E-119
ENSG00000162438	CTRC	0.375469752	0.140977534	3.0865E-124
ENSG00000218073	AL021407.2	0.375432108	0.140949268	3.2825E-124
ENSG00000181026	AEN	0.375270862	0.14082822	4.2729E-124
ENSG00000245105	A2M-AS1	0.375246093	0.14080963	1.3692E-121
ENSG00000255182	AC084125.2	0.375116679	0.140712523	1.7685E-125
ENSG00000137177	KIF13A	0.375095071	0.140696312	5.6951E-124
ENSG00000211694	TRGV10	0.375084904	0.140688685	2.3473E-120
ENSG00000123191	ATP7B	0.375032661	0.140649497	1.2475E-122
ENSG00000156502	SUPV3L1	0.375015649	0.140636737	6.4841E-124
ENSG00000143437	ARNT	0.374990011	0.140617509	1.3374E-122
ENSG00000065308	TRAM2	0.374892669	0.140544513	3.2073E-120

ENSG00000204277	LINC01993	0.37480196	0.140476509	2.8205E-121
ENSG00000229833	PET100	0.374782337	0.1404618	9.4905E-124
ENSG00000134265	NAPG	0.374745535	0.140434216	1.0078E-123
ENSG00000254812	AC067930.2	0.374739752	0.140429882	3.2766E-125
ENSG00000130768	SMPDL3B	0.37472404	0.140418106	2.0628E-122
ENSG00000259404	EFL1P1	0.374710609	0.14040804	5.1217E-117
ENSG00000231500	RPS18	0.374676525	0.140382498	1.1279E-123
ENSG00000125864	BFSP1	0.374611056	0.140333443	5.8922E-119
ENSG00000125485	DDX31	0.374537598	0.140278412	1.4148E-123
ENSG00000158864	NDUFS2	0.374476697	0.140232796	4.785E-121
ENSG00000153283	CD96	0.374463861	0.140223183	6.4304E-120
ENSG00000185591	SP1	0.374434561	0.140201241	5.395E-125
ENSG00000184113	CLDN5	0.374396797	0.140172962	5.448E-121
ENSG00000197182	MIRLET7BHG	0.374154328	0.139991461	2.6419E-123
ENSG00000170949	ZNF160	0.374150872	0.139988875	1.0677E-119

ENSG00000140563	MCTP2	0.374013371	0.139886002	1.5488E-118
ENSG00000107331	ABCA2	0.373994449	0.139871848	3.4273E-123
ENSG00000075643	MOCOS	0.373824835	0.139745007	1.3776E-120
ENSG00000152804	HHEX	0.373766484	0.139701384	9.7857E-122
ENSG00000248469	AC139491.1	0.373753056	0.139691347	1.6398E-124
ENSG00000087258	GNAO1	0.373722816	0.139668743	1.0504E-121
ENSG00000174125	TLR1	0.373707145	0.13965703	1.7671E-124
ENSG00000101160	CTSZ	0.373690846	0.139644848	1.7116E-120
ENSG00000112297	CRYBG1	0.37366328	0.139624247	1.7897E-120
ENSG00000112655	PTK7	0.373644665	0.139610336	1.1925E-121
ENSG00000163687	DNASE1L3	0.373577323	0.139560016	1.3301E-121
ENSG00000080546	SESN1	0.373498952	0.139501467	2.4802E-124
ENSG00000196605	ZNF846	0.373447493	0.13946303	1.6418E-121
ENSG00000161395	PGAP3	0.37343991	0.139457366	8.4437E-123
ENSG00000178904	DPY19L3	0.373436729	0.139454991	8.4874E-123

ENSG00000246375	PPM1K-DT	0.373275234	0.1393344	1.1032E-122
ENSG00000144567	RETREG2	0.373206229	0.139282889	2.4273E-121
ENSG00000116691	MIIP	0.373153005	0.139243165	6.2029E-118
ENSG00000205056	LINC02397	0.373147765	0.139239255	4.1211E-120
ENSG00000226281	AL031123.1	0.373083472	0.139191277	5.9922E-119
ENSG00000235271	Z97353.2	0.373060177	0.139173895	4.7478E-120
ENSG00000258227	CLEC5A	0.372978469	0.139112938	1.7856E-122
ENSG00000068654	POLR1A	0.372970758	0.139107186	5.8551E-124
ENSG00000215244	LINC02649	0.372926309	0.139074032	9.3599E-117
ENSG00000237310	GS1-124K5.4	0.372920442	0.139069656	1.9617E-122
ENSG00000154511	DIPK1A	0.372838387	0.139008463	2.2408E-122
ENSG00000174469	CNTNAP2	0.372794391	0.138975658	1.1568E-116
ENSG00000137672	TRPC6	0.372749103	0.138941894	7.8465E-120
ENSG00000074219	TEAD2	0.372725165	0.138924049	2.6921E-122
ENSG00000174680	GRIK1-AS1	0.37270656	0.13891018	2.7745E-122

ENSG00000160993	ALKBH4	0.372435301	0.138708054	8.4474E-121
ENSG00000103472	RRN3P2	0.372331284	0.138630585	5.0939E-122
ENSG00000049246	PER3	0.372292848	0.138601965	2.1411E-118
ENSG00000087253	LPCAT2	0.372249701	0.13856984	5.8125E-122
ENSG00000100099	HPS4	0.37217071	0.138511037	2.6057E-118
ENSG00000176658	MYO1D	0.372003455	0.13838657	1.6961E-120
ENSG00000198796	ALPK2	0.371989126	0.13837591	1.7358E-120
ENSG00000166170	BAG5	0.371968865	0.138360837	9.1526E-122
ENSG00000227986	TRIM60P18	0.371967294	0.138359668	2.7667E-119
ENSG00000100483	VCPKMT	0.371953478	0.13834939	9.383E-122
ENSG00000172932	ANKRD13D	0.371937766	0.138337702	1.8857E-120
ENSG00000130881	LRP3	0.371765169	0.138209341	3.8301E-119
ENSG00000112149	CD83	0.371747373	0.138196109	2.5631E-120
ENSG00000251669	FAM86EP	0.37165428	0.138126904	4.9464E-123
ENSG00000255031	AP002807.1	0.371641501	0.138117405	6.0964E-118

ENSG00000206561	COLQ	0.371624139	0.138104501	7.2249E-117
ENSG00000225855	RUSC1-AS1	0.371607872	0.13809241	5.3318E-123
ENSG00000099957	P2RX6	0.371603992	0.138089527	3.2291E-120
ENSG00000006007	GDE1	0.371599169	0.138085942	1.6627E-121
ENSG00000225973	PIGBOS1	0.371523732	0.138029883	3.6746E-120
ENSG00000182544	MFSD5	0.371507481	0.138017808	3.772E-120
ENSG00000197417	SHPK	0.371503538	0.138014879	3.7961E-120
ENSG00000212127	TAS2R14	0.371382263	0.137924785	2.3592E-121
ENSG00000226856	THORLNC	0.371378906	0.137922292	2.372E-121
ENSG00000224805	LINC00853	0.371248642	0.137825554	2.9263E-121
ENSG00000231439	WASIR2	0.371190482	0.137782374	3.2138E-121
ENSG00000065882	TBC1D1	0.371188068	0.137780582	9.681E-119
ENSG00000236008	LINC01814	0.371130818	0.137738084	1.1524E-122
ENSG00000248019	FAM13A-AS1	0.371052634	0.137680057	4.013E-121
ENSG00000166405	RIC3	0.371030373	0.137663537	1.6236E-117

ENSG0000025557	AP001266.2	0.370972594	0.137620665	4.565E-121
ENSG00000184363	PKP3	0.370838415	0.13752113	1.1063E-119
ENSG00000251002	AC244502.1	0.370817016	0.13750526	2.2845E-117
ENSG00000197006	METTL9	0.370803367	0.137495137	5.9944E-121
ENSG00000224429	LINC00539	0.370794452	0.137488526	1.8202E-118
ENSG00000179532	DNHD1	0.370758267	0.137461693	2.5096E-117
ENSG00000187193	MT1X	0.370735813	0.137445043	1.9996E-118
ENSG00000196584	XRCC2	0.37073254	0.137442616	2.1907E-122
ENSG00000231177	LINC00852	0.370672956	0.13739844	7.3937E-121
ENSG0000011638	TMEM159	0.370625702	0.137363411	2.3854E-118
ENSG00000241962	AC079447.1	0.370583786	0.137332342	8.5338E-121
ENSG00000261468	AC096921.2	0.370573706	0.137324871	1.6921E-119
ENSG00000269439	AC010618.3	0.370539642	0.137299626	3.5598E-117
ENSG00000109501	WFS1	0.370494032	0.137265828	1.9229E-119
ENSG00000226445	BX322234.1	0.370479393	0.137254981	3.0152E-118

ENSG00000260947	AL356489.2	0.370469916	0.137247959	3.3446E-122
ENSG00000178980	SELENOW	0.370439583	0.137225484	2.0984E-119
ENSG00000120314	WDR55	0.370405243	0.137200044	1.137E-120
ENSG00000129990	SYT5	0.370380092	0.137181412	1.1839E-120
ENSG00000111880	RNGTT	0.370356801	0.13716416	3.6689E-118
ENSG00000197746	PSAP	0.370280837	0.137107899	1.3886E-120
ENSG00000260396	N.A.	0.370268513	0.137098772	4.2257E-118
ENSG00000071282	LMCD1	0.370188816	0.137039759	3.1368E-119
ENSG00000136014	USP44	0.370132378	0.136997977	5.2536E-118
ENSG00000179242	CDH4	0.370079829	0.13695908	5.7141E-118
ENSG00000107679	PLEKHA1	0.370054264	0.136940158	1.9978E-120
ENSG00000162723	SLAMF9	0.370022097	0.136916352	4.0972E-119
ENSG00000081760	AACS	0.369995094	0.13689637	9.7387E-116
ENSG00000240040	AC244205.1	0.369969611	0.136877513	7.4807E-122
ENSG00000118217	ATF6	0.369887788	0.136816975	5.0803E-119

ENSG00000247271	ZBED5-AS1	0.369804882	0.136755651	2.9806E-120
ENSG00000229589	ACVR2B-AS1	0.369756705	0.136720021	3.2199E-120
ENSG00000149575	SCN2B	0.369699741	0.136677898	3.5278E-120
ENSG00000269619	N.A.	0.36963043	0.136626655	3.9423E-120
ENSG00000132383	RPA1	0.369620405	0.136619244	7.7927E-119
ENSG00000175582	RAB6A	0.36953829	0.136558548	4.5694E-120
ENSG00000196268	ZNF493	0.369484532	0.13651882	4.9803E-120
ENSG00000175894	TSPEAR	0.369479619	0.136515189	2.211E-115
ENSG00000106628	POLD2	0.36947296	0.136510268	9.8645E-119
ENSG00000213023	SYT3	0.369418802	0.136470251	1.8118E-121
ENSG00000170500	LONRF2	0.369393054	0.136451228	5.7661E-120
ENSG00000198752	CDC42BPB	0.369373923	0.136437095	1.7639E-117
ENSG00000137270	GCM1	0.369180954	0.136294577	8.0967E-120
ENSG00000144401	METTL21A	0.369163017	0.136281333	2.7305E-121
ENSG00000185658	BRWD1	0.369147637	0.136269978	8.54E-120

ENSG00000124302	CHST8	0.369141312	0.136265308	8.6268E-120
ENSG00000166997	CNPY4	0.369108044	0.136240748	2.6948E-117
ENSG00000130702	LAMA5	0.369093594	0.136230081	1.8082E-118
ENSG00000185989	RASA3	0.369089118	0.136226777	4.1105E-115
ENSG00000203872	C6orf163	0.368980767	0.136146807	1.1152E-119
ENSG00000205531	NAP1L4	0.368978967	0.136145478	2.1712E-118
ENSG00000103260	METRN	0.368976678	0.136143789	3.6807E-121
ENSG00000165502	RPL36AL	0.368840924	0.136043627	1.3945E-119
ENSG00000177674	AGTRAP	0.368829948	0.13603553	4.1963E-117
ENSG00000254052	IGHVIII-67-4	0.368817596	0.136026419	4.2796E-117
ENSG00000249274	PDLIM1P4	0.368758782	0.13598304	1.5901E-119
ENSG00000183260	ABHD16B	0.368736384	0.135966521	1.648E-119
ENSG00000255518	N.A.	0.368728592	0.135960774	3.2369E-118
ENSG00000187860	CCDC157	0.368716795	0.135952075	1.7004E-119
ENSG00000127124	HIVEP3	0.368547868	0.135827531	2.2269E-119

ENSG00000261471	AC092145.1	0.368510652	0.135800101	6.9734E-117
ENSG00000169193	CCDC126	0.368496841	0.135789922	7.9333E-121
ENSG00000125826	RBCK1	0.368457293	0.135760777	2.5732E-119
ENSG00000146540	C7orf50	0.368448854	0.135754558	9.9376E-116
ENSG00000177409	SAMD9L	0.36842698	0.135738439	2.7008E-119
ENSG00000250786	SNHG18	0.368295552	0.135641613	9.8153E-117
ENSG00000100852	ARHGAP5	0.368292885	0.135639649	6.4796E-118
ENSG00000144554	FANCD2	0.368277825	0.135628557	1.1259E-120
ENSG00000117298	ECE1	0.368262027	0.13561692	6.8058E-118
ENSG00000140443	IGF1R	0.368190176	0.135564006	1.7077E-114
ENSG00000147526	TACC1	0.368035256	0.135449949	5.0437E-119
ENSG00000250274	AC034199.1	0.367974612	0.135405315	1.0751E-117
ENSG00000251580	LINC02482	0.367832413	0.135300684	2.2927E-120
ENSG00000095383	TBC1D2	0.367737167	0.135230624	3.0688E-115
ENSG00000071909	MYO3B	0.367714761	0.135214146	3.1795E-115

ENSG00000166478	ZNF143	0.367642306	0.135160865	3.1047E-120
ENSG00000238142	BX284668.4	0.367603049	0.135132002	3.794E-115
ENSG00000133805	AMPD3	0.367590768	0.135122972	4.4028E-114
ENSG00000166689	PLEKHA7	0.367532566	0.135080187	1.1228E-118
ENSG00000248632	N.A.	0.367526656	0.135075843	2.1903E-117
ENSG00000233266	HMGB1P31	0.36748242	0.135043329	3.5652E-116
ENSG00000134291	TMEM106C	0.367398243	0.134981469	2.6854E-117
ENSG00000230373	GOLGA6L5P	0.367361628	0.134954566	2.846E-117
ENSG00000121297	TSHZ3	0.367359229	0.134952803	6.3441E-114
ENSG00000152240	HAUS1	0.367325814	0.134928253	4.5686E-116
ENSG00000005884	ITGA3	0.367238647	0.134864224	3.4589E-117
ENSG00000182224	CYB5D1	0.367236081	0.134862339	1.7988E-118
ENSG00000234353	AP000346.2	0.367192289	0.134830177	3.7228E-117
ENSG00000006715	VPS41	0.367167669	0.134812097	8.5807E-114
ENSG00000198830	HMG2	0.367066842	0.134738066	2.3536E-118

ENSG00000213626	LBH	0.366848082	0.134577515	3.3306E-118
ENSG00000116574	RHOJ	0.366795455	0.134538906	1.542E-113
ENSG00000110315	RNF141	0.366785365	0.134531504	7.0933E-117
ENSG00000112902	SEMA5A	0.366756328	0.134510204	7.427E-117
ENSG00000198502	HLA-DRB5	0.366695129	0.134465318	1.5911E-114
ENSG00000007541	PIGQ	0.366686435	0.134458941	1.4214E-119
ENSG00000141504	SAT2	0.366646647	0.134429764	1.5142E-119
ENSG00000170801	HTRA3	0.366621147	0.134411065	9.1987E-117
ENSG00000165275	TRMT10B	0.366504909	0.134325848	5.7392E-118
ENSG00000219626	FAM228B	0.366504499	0.134325547	5.743E-118
ENSG00000130309	COLGALT1	0.36644815	0.134284246	1.2094E-116
ENSG00000132514	CLEC10A	0.366397125	0.134246853	1.311E-116
ENSG00000253328	SUMO2P19	0.366384832	0.134237845	1.3367E-116
ENSG00000157110	RBPM5	0.366331754	0.134198954	7.5507E-118
ENSG00000223313	RNU6-516P	0.366325267	0.134194202	1.4687E-116

ENSG00000131845	ZNF304	0.366256018	0.134143471	3.6011E-113
ENSG00000139508	SLC46A3	0.366251651	0.134140272	2.4938E-115
ENSG00000186583	SPATC1	0.366183212	0.134090145	3.1598E-119
ENSG00000128408	RIBC2	0.366175477	0.13408448	3.1988E-119
ENSG00000233411	AL359962.1	0.366122778	0.134045888	3.4776E-119
ENSG00000176978	DPP7	0.366107688	0.134034839	1.0766E-117
ENSG00000166145	SPINT1	0.366096179	0.134026412	3.1865E-115
ENSG00000196878	LAMB3	0.366073849	0.134010063	2.1849E-116
ENSG00000143674	MAP3K21	0.366041466	0.133986355	2.2995E-116
ENSG00000126088	UROD	0.365864259	0.133856656	1.5822E-117
ENSG00000111077	TNS2	0.365844256	0.133842019	4.7389E-115
ENSG00000142512	SIGLEC10	0.365797109	0.133807525	3.3816E-116
ENSG00000164088	PPM1M	0.365760272	0.133780577	3.5839E-116
ENSG00000120440	TTLL2	0.365682784	0.133723899	4.0498E-116
ENSG00000005486	RHBDD2	0.365556899	0.133631847	4.9388E-116

ENSG00000104267	CA2	0.365539074	0.133618814	1.1088E-112
ENSG00000264644	KRT18P8	0.365527425	0.133610298	7.8023E-115
ENSG00000232859	LYRM9	0.365505485	0.13359426	2.789E-117
ENSG00000204644	ZFP57	0.365429239	0.133538529	1.043E-118
ENSG00000225032	AL162586.1	0.365407511	0.133522649	3.2556E-117
ENSG00000196199	MPHOSPH8	0.36537818	0.133501214	3.4098E-117
ENSG00000181074	OR52N4	0.365368081	0.133493834	6.6501E-116
ENSG00000134028	ADAMDEC1	0.365350931	0.133481303	6.8322E-116
ENSG00000136982	DSCC1	0.365313189	0.133453726	1.2531E-118
ENSG00000256155	LINC02598	0.365184076	0.133359409	4.6317E-117
ENSG00000197262	N.A.	0.365178419	0.133355277	1.7266E-113
ENSG00000164855	TMEM184A	0.365167323	0.133347174	1.5781E-118
ENSG00000141497	ZMYND15	0.365154951	0.133338138	1.7913E-113
ENSG00000074416	MGLL	0.365100038	0.133298038	1.7551E-118
ENSG00000168918	INPP5D	0.364970024	0.133203118	2.7017E-112

ENSG00000257218	GATC	0.364911047	0.133160072	1.3653E-115
ENSG00000188316	ENO4	0.364897625	0.133150276	2.4163E-118
ENSG00000166927	MS4A7	0.364893827	0.133147505	1.4027E-115
ENSG00000163468	CCT3	0.364846307	0.133112828	7.8879E-117
ENSG00000176915	ANKLE2	0.364835502	0.133104943	1.5374E-115
ENSG00000124422	USP22	0.364819335	0.133093147	8.2303E-117
ENSG00000167851	CD300A	0.364815892	0.133090635	3.0469E-113
ENSG00000047849	MAP4	0.364813349	0.133088779	8.3082E-117
ENSG00000177082	WDR73	0.364807242	0.133084324	1.6073E-115
ENSG00000142765	SYTL1	0.36478675	0.133069373	3.1891E-113
ENSG00000259577	CERNA1	0.36473833	0.133034049	9.3502E-117
ENSG00000205559	CHKB-DT	0.364630019	0.132955051	1.1089E-116
ENSG00000259421	AL022318.2	0.364558715	0.132903057	4.5567E-113
ENSG00000196705	ZNF431	0.364545666	0.132893543	4.6506E-113
ENSG00000063438	AHRR	0.364539168	0.132888805	5.4046E-111

ENSG00000225808	DNAJC19P5	0.364476346	0.132843007	2.7031E-115
ENSG00000224067	AL354877.1	0.364474307	0.132841521	2.7117E-115
ENSG00000198040	ZNF84	0.364427458	0.132807372	5.5949E-113
ENSG00000178026	LRRC75B	0.364400743	0.132787901	1.5906E-116
ENSG00000125780	TGM3	0.364387212	0.13277804	3.109E-115
ENSG00000230177	N.A.	0.36430816	0.132720436	1.8398E-116
ENSG00000115705	TPO	0.364216452	0.132653624	5.0623E-102
ENSG00000204604	ZNF468	0.364205713	0.132645801	6.2076E-114
ENSG00000189050	RNFT1	0.364180157	0.132627187	4.3024E-115
ENSG00000204634	TBC1D8	0.364175796	0.132624011	4.332E-115
ENSG00000138303	ASCC1	0.364173498	0.132622336	2.2736E-116
ENSG00000148426	PROSER2	0.364101237	0.132569711	7.3103E-114
ENSG00000132275	RRP8	0.364079364	0.132553783	9.6385E-113
ENSG00000039068	CDH1	0.364045644	0.132529231	1.016E-112
ENSG00000196218	RYR1	0.364003998	0.132498911	2.9673E-116

ENSG00000181885	CLDN7	0.363987247	0.132486716	1.2758E-110
ENSG00000140104	CLBA1	0.363925532	0.132441793	3.3564E-116
ENSG00000079819	EPB41L2	0.363921506	0.132438863	1.2332E-112
ENSG00000260070	AC006960.3	0.363914883	0.132434042	6.5211E-115
ENSG00000164818	DNAAF5	0.363894951	0.132419535	3.5215E-116
ENSG00000258082	AL391832.3	0.363878568	0.132407613	1.0356E-113
ENSG00000184939	ZFP90	0.363860837	0.132394709	1.2379E-117
ENSG00000197448	GSTK1	0.363853048	0.132389041	3.7609E-116
ENSG00000231305	AC112484.1	0.363756641	0.132318894	1.2531E-113
ENSG00000134955	SLC37A2	0.363728447	0.132298383	1.6666E-112
ENSG00000080200	CRYBG3	0.363724211	0.132295302	8.7908E-115
ENSG00000226381	N.A.	0.363701432	0.132278731	1.7383E-112
ENSG00000105443	CYTH2	0.363694499	0.132273689	9.2094E-115
ENSG00000126883	NUP214	0.363603239	0.132207316	1.856E-117
ENSG00000163507	CIP2A	0.363595211	0.132201477	5.6362E-116

ENSG00000110756	HPS5	0.363505186	0.132136021	1.2385E-114
ENSG00000255443	CD44-AS1	0.363438732	0.132087712	2.4034E-117
ENSG00000226329	AC005682.1	0.363434253	0.132084456	1.3839E-114
ENSG00000108465	CDK5RAP3	0.363332747	0.132010685	1.622E-114
ENSG00000076356	PLXNA2	0.363264665	0.131961217	3.9177E-110
ENSG00000149289	ZC3H12C	0.363220954	0.131929462	3.383E-117
ENSG00000225873	C3orf86	0.363138986	0.131869923	1.152E-115
ENSG00000124203	ZNF831	0.362844652	0.131656242	3.477E-114
ENSG00000204642	HLA-F	0.362790484	0.131616935	6.6445E-117
ENSG00000197894	ADH5	0.3627876	0.131614843	3.8008E-114
ENSG00000178927	CYBC1	0.362755404	0.131591483	2.0994E-115
ENSG00000076826	CAMSAP3	0.362729416	0.131572629	2.1865E-115
ENSG00000221866	PLXNA4	0.362649781	0.131514864	4.7126E-114
ENSG00000133317	LGALS12	0.362592955	0.131473651	2.7063E-115
ENSG00000140526	ABHD2	0.362543007	0.131437432	8.316E-113

ENSG00000167325	RRM1	0.362523471	0.131423267	5.7386E-114
ENSG00000160789	LMNA	0.362516667	0.131418334	1.0202E-116
ENSG00000132481	TRIM47	0.362440724	0.131363278	6.5287E-114
ENSG00000258929	N.A.	0.362375185	0.131315775	1.5526E-109
ENSG00000213988	ZNF90	0.362189516	0.131181245	5.0813E-115
ENSG00000254704	AP002358.2	0.362116591	0.131128425	1.9076E-116
ENSG00000140950	MEAK7	0.362085343	0.131105796	2.1449E-111
ENSG00000104980	TIMM44	0.362017473	0.131056651	6.6454E-115
ENSG00000141096	DPEP3	0.361758245	0.130869028	9.9541E-115
ENSG00000131446	MGAT1	0.361469631	0.130660294	1.5602E-114
ENSG00000168090	COPS6	0.361453311	0.130648496	5.3732E-116
ENSG00000188322	SBK1	0.361332407	0.130561108	3.6605E-113
ENSG00000111199	TRPV4	0.361261902	0.130510162	6.0764E-112
ENSG00000198286	CARD11	0.361219472	0.130479507	4.3618E-113
ENSG00000106484	MEST	0.361212139	0.13047421	6.5632E-112

ENSG00000136381	IREB2	0.36120729	0.130470706	4.4451E-113
ENSG00000262488	AC133065.2	0.361201397	0.130466449	2.3681E-114
ENSG00000158106	RHPN1	0.3610987	0.130392271	5.2607E-113
ENSG00000139722	VPS37B	0.36092542	0.130267159	1.2229E-115
ENSG00000267568	AC016168.2	0.360869687	0.130226931	1.115E-111
ENSG00000078043	PIAS2	0.360790459	0.130169755	8.4833E-113
ENSG00000115073	ACTR1B	0.360673782	0.130085577	1.8089E-115
ENSG00000116014	KISS1R	0.36057742	0.130016076	1.1799E-112
ENSG00000196372	ASB13	0.360445942	0.129921277	2.7033E-110
ENSG00000057704	TMCC3	0.360345902	0.129849169	1.6883E-112
ENSG00000137266	SLC22A23	0.360250041	0.129780092	1.9581E-112
ENSG00000172785	CBWD1	0.360242391	0.129774581	3.5362E-115
ENSG00000132849	PATJ	0.360163899	0.129718034	4.6406E-109
ENSG00000123104	ITPR2	0.360148954	0.129707269	2.2894E-112
ENSG00000269837	IPO5P1	0.360085389	0.129661487	2.5257E-112

ENSG00000231862	N.A.	0.360037188	0.129626777	4.0329E-111
ENSG00000166669	ATF7IP2	0.360031412	0.129622618	4.069E-111
ENSG00000182957	SPATA13	0.360008802	0.129606338	5.2995E-110
ENSG00000106344	RBM28	0.359953543	0.129566553	1.641E-113
ENSG00000260359	N.A.	0.359861667	0.129500419	7.381E-109
ENSG00000162267	ITIH3	0.359787891	0.129447326	5.9223E-111
ENSG00000266930	N.A.	0.359786778	0.129446526	2.1242E-113
ENSG00000135736	CCDC102A	0.359727358	0.129403772	2.3287E-113
ENSG00000163833	FBXO40	0.359469091	0.129218027	3.4713E-113
ENSG00000152689	RASGRP3	0.359335871	0.129122268	8.0307E-112
ENSG00000127603	MACF1	0.359315968	0.129107965	8.2809E-112
ENSG00000180447	GAS1	0.359311591	0.129104819	4.4275E-113
ENSG00000259709	AC023906.4	0.359309049	0.129102992	4.4449E-113
ENSG00000110851	PRDM4	0.359282429	0.129083863	8.7201E-112
ENSG00000257924	LINC02416	0.359198804	0.129023781	9.9192E-112

ENSG00000181104	F2R	0.359168351	0.129001905	5.5233E-113
ENSG00000123685	BATF3	0.359102696	0.128954747	1.1502E-111
ENSG00000153574	RPIA	0.358981447	0.128867679	7.3696E-113
ENSG00000166147	FBN1	0.358858736	0.128779592	3.0146E-114
ENSG00000131966	ACTR10	0.358812677	0.128746537	9.5601E-113
ENSG00000197321	SVIL	0.358811301	0.12874555	1.8011E-111
ENSG00000141279	NPEPPS	0.358752636	0.128703454	1.9712E-111
ENSG00000229320	KRT8P12	0.358691434	0.128659545	2.1657E-111
ENSG00000235475	N.A.	0.358678163	0.128650025	3.9843E-114
ENSG00000130520	LSM4	0.35863373	0.128618152	2.3666E-111
ENSG00000172731	LRRC20	0.358550388	0.128558381	5.4949E-108
ENSG00000249763	AC114786.1	0.358459667	0.128493333	3.0925E-111
ENSG00000142961	MOB3C	0.358315805	0.128390216	5.6856E-110
ENSG00000176293	ZNF135	0.358282787	0.128366556	8.2712E-107
ENSG00000240137	ERICH6-AS1	0.358187072	0.128297979	4.7E-111

ENSG0000012963	UBR7	0.358170768	0.128286299	8.7148E-114
ENSG00000175084	DES	0.358167696	0.128284099	2.5808E-112
ENSG00000184441	AP001062.1	0.358132204	0.128258675	5.113E-111
ENSG00000168936	TMEM129	0.358068371	0.128212958	1.0204E-113
ENSG00000163918	RFC4	0.358058066	0.128205579	1.0367E-113
ENSG00000219755	AL137784.1	0.358000958	0.128164686	1.2707E-107
ENSG00000250548	LINC01303	0.35792558	0.128110721	3.7445E-112
ENSG00000140470	ADAMTS17	0.357854396	0.128059769	1.5872E-106
ENSG00000134369	NAV1	0.357757398	0.127990356	1.3366E-109
ENSG00000162620	LRRIQ3	0.357641991	0.127907794	1.9671E-113
ENSG00000100504	PYGL	0.357601123	0.127878563	1.1541E-110
ENSG00000166275	BORCS7	0.357589149	0.127869999	6.2772E-112
ENSG00000105072	C19orf44	0.357521467	0.127821599	2.3677E-113
ENSG00000147364	FBXO25	0.357503429	0.127808702	2.4589E-108
ENSG00000138061	CYP1B1	0.357501808	0.127807543	2.465E-108

ENSG00000132744	ACY3	0.357494539	0.127802345	7.2579E-112
ENSG00000204347	BTBD17	0.357455492	0.127774429	1.4425E-110
ENSG00000184635	ZNF93	0.357433045	0.127758382	3.017E-107
ENSG00000237702	TRBV3-1	0.357389733	0.127727422	3.2224E-107
ENSG00000087365	SF3B2	0.357342929	0.127693969	3.1153E-113
ENSG00000088205	DDX18	0.357076053	0.127503307	2.5774E-110
ENSG00000104972	LILRB1	0.357054916	0.127488213	5.3603E-107
ENSG00000196247	ZNF107	0.357047277	0.127482758	4.9264E-108
ENSG00000235192	AC009495.3	0.357010151	0.127456248	1.525E-111
ENSG00000119686	FLVCR2	0.356944624	0.127409465	1.686E-111
ENSG00000267764	AC093567.1	0.356877401	0.12736148	6.3664E-113
ENSG00000113108	APBB3	0.356871187	0.127357044	5.1717E-109
ENSG00000104957	CCDC130	0.356819965	0.127320487	2.0404E-111
ENSG00000122033	MTIF3	0.356815772	0.127317495	2.0536E-111
ENSG00000010270	STARD3NL	0.35671303	0.127244186	8.1915E-113

ENSG00000117461	PIK3R3	0.356637878	0.127190576	9.1916E-113
ENSG00000198466	ZNF587	0.356635089	0.127188587	9.231E-113
ENSG00000256771	ZNF253	0.356593706	0.127159071	7.8929E-109
ENSG00000167186	COQ7	0.356431882	0.127043687	6.8919E-110
ENSG00000253409	TRBV7-4	0.356388391	0.127012685	3.9477E-111
ENSG00000131351	HAUS8	0.356336116	0.126975427	1.4593E-112
ENSG00000084112	SSH1	0.356304298	0.126952753	4.4889E-111
ENSG00000258811	AL583810.2	0.356245185	0.126910632	1.6772E-112
ENSG00000171811	CFAP46	0.356195242	0.12687505	1.4473E-108
ENSG00000008513	ST3GAL1	0.356188644	0.12687035	1.2347E-102
ENSG00000112599	GUCA1B	0.356087516	0.126798319	6.2504E-111
ENSG00000066294	CD84	0.355921407	0.126680048	1.5001E-109
ENSG00000100300	TSPO	0.355915774	0.126676038	1.513E-109
ENSG00000180891	CUEDC1	0.355880211	0.126650724	2.3361E-108
ENSG00000188342	GTF2F2	0.35586453	0.126639564	3.0021E-112

ENSG00000238287	AL603839.3	0.35586261	0.126638197	8.8091E-111
ENSG00000245685	FRG1-DT	0.355823287	0.126610212	3.1974E-112
ENSG00000125430	HS3ST3B1	0.355701975	0.126523895	3.7988E-107
ENSG00000213246	SUPT4H1	0.355697259	0.12652054	2.1099E-109
ENSG00000065361	ERBB3	0.355688108	0.12651403	3.9308E-112
ENSG00000215533	LINC00189	0.355621672	0.126466774	2.3669E-109
ENSG00000104866	PPP1R37	0.355482236	0.12636762	2.9257E-109
ENSG00000108272	N.A.	0.355461879	0.126353147	1.6224E-110
ENSG00000143575	HAX1	0.355370198	0.126287978	1.8655E-110
ENSG00000232995	RGS5	0.355352254	0.126275224	1.9172E-110
ENSG00000117385	P3H1	0.355345895	0.126270705	1.9358E-110
ENSG00000100448	CTSG	0.355287603	0.126229281	7.2437E-112
ENSG00000108528	SLC25A11	0.355248065	0.126201188	4.1758E-109
ENSG00000069966	GNB5	0.355153556	0.126134048	7.0333E-108
ENSG00000143178	TBX19	0.355125423	0.126114066	5.0303E-109

ENSG0000003402	CFLAR	0.355037665	0.126051744	1.0603E-111
ENSG00000136710	CCDC115	0.354917175	0.125966201	1.274E-111
ENSG00000105619	TFPT	0.354913941	0.125963905	6.9335E-109
ENSG00000245556	SCAMP1-AS1	0.354859392	0.125925188	4.0571E-110
ENSG00000118369	USP35	0.354798658	0.125882088	4.4493E-110
ENSG00000113716	HMGXB3	0.354753027	0.12584971	1.6357E-111
ENSG00000182118	FAM89A	0.354726778	0.125831087	4.9626E-110
ENSG00000261342	AC006538.1	0.35465559	0.125780588	5.5292E-110
ENSG00000179909	ZNF154	0.354630559	0.125762834	2.0724E-104
ENSG00000174775	HRAS	0.354582517	0.125728761	1.1458E-108
ENSG00000269220	LINC00528	0.354560272	0.125712986	1.1851E-108
ENSG00000269001	AC092070.2	0.354546977	0.125703559	1.2092E-108
ENSG00000135898	GPR55	0.354521215	0.125685292	2.4708E-105
ENSG00000115112	TFCP2L1	0.354313827	0.125538288	2.5046E-107
ENSG00000127580	WDR24	0.354205	0.125461182	3.7639E-111

ENSG00000161671	EMC10	0.35420465	0.125460934	1.096E-109
ENSG00000108509	CAMTA2	0.354199726	0.125457446	1.1042E-109
ENSG00000183421	RIPK4	0.35400736	0.125321211	2.736E-108
ENSG00000114744	COMMD2	0.35399301	0.125311051	1.5104E-109
ENSG00000154122	ANKH	0.353963702	0.125290302	2.9227E-108
ENSG00000212093	N.A.	0.353927527	0.125264694	5.5345E-106
ENSG00000112697	TMEM30A	0.353885167	0.125234711	1.7784E-109
ENSG00000110987	BCL7A	0.353756286	0.12514351	7.438E-111
ENSG00000125845	BMP2	0.353750146	0.125139166	4.0356E-108
ENSG00000130812	ANGPTL6	0.353748387	0.125137921	4.0463E-108
ENSG00000138640	FAM13A	0.353724165	0.125120785	4.1971E-108
ENSG00000102547	CAB39L	0.353712657	0.125112644	8.3271E-105
ENSG00000215912	TTC34	0.353679742	0.12508936	8.3535E-111
ENSG00000050130	JKAMP	0.353649187	0.125067747	8.7496E-111
ENSG00000111885	MAN1A1	0.353624294	0.125050141	8.7325E-106

ENSG00000197562	RAB40C	0.353612634	0.125041895	2.6863E-109
ENSG00000213557	AC068050.1	0.353533616	0.124986018	5.5959E-108
ENSG00000164823	OSGIN2	0.353409802	0.124898488	3.6506E-109
ENSG00000121690	DEPDC7	0.353401544	0.124892651	6.8298E-108
ENSG00000123600	METTL8	0.353350944	0.12485689	1.3749E-110
ENSG00000164615	CAMLG	0.353329301	0.124841595	1.4207E-110
ENSG00000173214	MFSD4B	0.353306341	0.124825371	7.8843E-108
ENSG00000196975	ANXA4	0.353214152	0.124760237	4.9063E-109
ENSG00000163464	CXCR1	0.35313909	0.124707217	1.8948E-110
ENSG00000115084	SLC35F5	0.353126695	0.124698463	1.0336E-107
ENSG00000235007	AL158151.3	0.353002367	0.124610671	1.2465E-107
ENSG00000105251	SHD	0.352742808	0.124427489	3.45E-110
ENSG00000134317	GRHL1	0.352731568	0.124419559	1.8739E-107
ENSG00000162511	LAPTM5	0.352729962	0.124418426	1.8784E-107
ENSG00000137845	ADAM10	0.352705554	0.124401208	1.0571E-108

ENSG00000228701	TNKS2-AS1	0.35270011	0.124397367	1.0658E-108
ENSG00000170113	NIPA1	0.35264847	0.124360943	1.152E-108
ENSG00000267801	AC087289.5	0.352631773	0.124349168	4.0801E-110
ENSG00000198728	LDB1	0.352522882	0.124272382	1.3921E-108
ENSG00000188603	CLN3	0.352482082	0.124243618	2.7271E-107
ENSG00000167107	ACSF2	0.352476518	0.124239695	2.75E-107
ENSG00000170759	KIF5B	0.35241978	0.124199701	1.626E-108
ENSG00000143578	CREB3L4	0.352354108	0.124153417	1.7951E-108
ENSG00000188997	KCTD21	0.352249119	0.124079442	3.8702E-107
ENSG00000176890	TYMS	0.352240829	0.124073602	3.9187E-107
ENSG00000168005	SPINDOC	0.352225141	0.12406255	2.1797E-108
ENSG00000211688	TRGJP2	0.352115618	0.123985409	4.7293E-107
ENSG00000134283	PPHLN1	0.352111427	0.123982457	2.5865E-108
ENSG00000040531	CTNS	0.351908898	0.123839873	3.5075E-108
ENSG00000135686	KLHL36	0.351904797	0.123836986	3.5292E-108

ENSG00000124222	STX16	0.351877088	0.123817485	3.6793E-108
ENSG00000136810	TXN	0.351858594	0.12380447	6.955E-107
ENSG00000233820	AL589843.2	0.351845437	0.123795211	3.8585E-108
ENSG00000142252	GEMIN7	0.35182386	0.123780028	7.3269E-107
ENSG00000124788	ATXN1	0.351803275	0.123765544	4.1109E-108
ENSG00000077458	FAM76B	0.351637592	0.123648996	5.2728E-108
ENSG00000224450	N.A.	0.351621069	0.123637376	9.93E-107
ENSG00000111886	GABRR2	0.351527218	0.123571385	1.6484E-105
ENSG00000139187	KLRG1	0.351467718	0.123529557	1.2495E-106
ENSG00000136068	FLNB	0.351388222	0.123473683	2.0289E-105
ENSG00000268734	AC245128.3	0.351268088	0.12338927	9.1811E-108
ENSG00000108278	N.A.	0.351226289	0.123359906	9.775E-108
ENSG00000135407	AVIL	0.35117869	0.123326473	3.6428E-109
ENSG00000108591	DRG2	0.351163022	0.123315468	1.0748E-107
ENSG00000166224	SGPL1	0.351081373	0.12325813	2.2277E-106

ENSG00000151233	GXYLT1	0.351066032	0.123247359	4.0119E-104
ENSG00000174944	P2RY14	0.351040996	0.123229781	2.3663E-106
ENSG00000100744	GSKIP	0.350950384	0.123166172	5.1328E-109
ENSG00000158769	F11R	0.350790113	0.123053703	3.443E-106
ENSG00000172403	SYNPO2	0.350766115	0.123036867	3.5686E-106
ENSG00000188647	PTAR1	0.350619707	0.122934179	8.4302E-109
ENSG00000261586	AC068987.3	0.350616792	0.122932135	4.4602E-106
ENSG00000167333	TRIM68	0.350613655	0.122929935	2.4472E-107
ENSG00000129657	SEC14L1	0.350562239	0.122893884	4.8386E-106
ENSG00000134333	LDHA	0.350438847	0.122807385	8.36E-105
ENSG00000163016	ALMS1P1	0.350323784	0.122726754	1.3136E-108
ENSG00000114779	ABHD14B	0.350309215	0.122716546	7.058E-106
ENSG00000229671	LINC01150	0.350307091	0.122715058	1.0171E-104
ENSG00000092203	TOX4	0.350285523	0.122699948	3.9974E-107
ENSG00000179134	SAMD4B	0.350270496	0.122689421	4.0881E-107

ENSG00000102755	FLT1	0.350231062	0.122661797	7.9304E-106
ENSG00000228570	NUTM2E	0.35019213	0.122634528	1.2069E-104
ENSG00000216490	IFI30	0.350165719	0.122616031	1.6644E-108
ENSG00000001461	NIPAL3	0.350132152	0.122592524	1.3195E-104
ENSG00000091436	MAP3K20	0.350096088	0.122567271	1.6962E-103
ENSG00000076662	ICAM3	0.350095906	0.122567143	1.8477E-108
ENSG00000259081	AF111169.3	0.350078552	0.122554993	9.9545E-106
ENSG00000204859	ZBTB48	0.350039835	0.122527886	1.0546E-105
ENSG00000106400	ZNHIT1	0.350015696	0.122510987	5.9816E-107
ENSG00000263660	N.A.	0.349963214	0.122474251	2.2536E-108
ENSG00000133624	ZNF767P	0.349867608	0.122407343	7.4613E-107
ENSG00000261799	AC007406.4	0.349806175	0.12236436	1.4935E-105
ENSG00000161040	FBXL13	0.349765447	0.122335868	8.6898E-107
ENSG00000251230	MIR3945HG	0.349762507	0.122333811	2.7816E-103
ENSG00000152990	ADGRA3	0.349710788	0.122297635	3.1421E-101

ENSG00000213753	CENPBD1P1	0.349671892	0.122270432	1.8239E-105
ENSG00000229754	CXCR2P1	0.349593155	0.122215374	2.0505E-105
ENSG00000203697	CAPN8	0.349507712	0.122155641	3.3361E-104
ENSG00000237513	AC007384.1	0.349480379	0.122136535	4.6375E-108
ENSG00000240834	N.A.	0.349472671	0.122131148	4.6912E-108
ENSG00000146083	RNF44	0.349427003	0.12209923	1.4392E-106
ENSG00000159625	DRC7	0.349426157	0.122098639	1.441E-106
ENSG00000259479	SORD2P	0.349371768	0.122060632	2.8499E-105
ENSG00000204959	ARHGEF34P	0.349284339	0.12199955	5.6463E-103
ENSG00000165475	CRYL1	0.349189824	0.121933533	5.3452E-104
ENSG00000157617	C2CD2	0.34907248	0.121851596	4.4453E-105
ENSG00000164649	CDCA7L	0.349036655	0.121826586	6.7069E-104
ENSG00000143156	NME7	0.348999582	0.121800708	4.9533E-105
ENSG00000093010	COMT	0.348991612	0.121795145	5.0122E-105
ENSG00000234814	SVIL2P	0.348978683	0.121786121	2.8051E-106

ENSG00000215302	AC127502.1	0.348948353	0.121764953	7.6439E-104
ENSG00000106799	TGFBR1	0.348888999	0.121723534	5.8366E-105
ENSG00000182885	ADGRG3	0.348710092	0.121598728	4.1818E-106
ENSG00000079739	PGM1	0.348675436	0.12157456	1.3884E-102
ENSG00000181513	ACBD4	0.348633631	0.121545409	4.6849E-106
ENSG00000163071	SPATA18	0.348627319	0.121541008	1.6546E-107
ENSG00000088002	SULT2B1	0.348490968	0.121445955	1.053E-104
ENSG00000126005	MMP24OS	0.348425729	0.121400489	6.3794E-106
ENSG00000253921	AC091982.1	0.348390231	0.121375753	6.7245E-106
ENSG00000255153	TOLLIP-AS1	0.34837901	0.121367935	1.243E-104
ENSG00000188522	FAM83G	0.348362179	0.121356208	2.2039E-102
ENSG00000114735	HEMK1	0.348333782	0.121336424	7.3121E-106
ENSG00000149474	KAT14	0.348326379	0.121331266	1.3437E-104
ENSG00000185811	IKZF1	0.348323308	0.121329127	1.3498E-104
ENSG00000229191	AL358473.1	0.348303476	0.121315311	2.6788E-107

ENSG00000118523	CCN2	0.348273883	0.121294697	2.7993E-107
ENSG00000178977	LINC00324	0.348198583	0.121242253	8.936E-106
ENSG00000124767	GLO1	0.348118626	0.121186578	1.0061E-105
ENSG00000159322	ADPGK	0.34800237	0.12110565	2.1703E-104
ENSG00000137880	GCHFR	0.347941142	0.121063038	2.3759E-104
ENSG00000148384	INPP5E	0.347900407	0.121034693	2.5234E-104
ENSG00000112619	PRPH2	0.347821466	0.120979772	1.5627E-105
ENSG00000173838	MARCHF10	0.347777428	0.120949139	5.8522E-107
ENSG00000241852	C8orf58	0.347696054	0.120892546	1.8816E-105
ENSG00000163814	CDCP1	0.347683033	0.120883492	3.4792E-104
ENSG00000243224	AC006252.1	0.347640131	0.120853661	7.1744E-107
ENSG00000151079	KCNA6	0.347623648	0.1208422	5.4089E-103
ENSG00000120903	CHRNA2	0.347593565	0.120821286	7.2953E-101
ENSG00000090905	TNRC6A	0.347592758	0.120820725	3.9754E-104
ENSG00000185156	MFSD6L	0.347568318	0.120803736	2.2732E-105

ENSG00000234284	ZNF879	0.347551133	0.12079179	2.3317E-105
ENSG0000038210	PI4K2B	0.34743982	0.120714428	7.0909E-103
ENSG00000137494	ANKRD42	0.347377534	0.120671151	3.0144E-105
ENSG00000165905	LARGE2	0.347332482	0.120639853	5.8373E-104
ENSG00000186115	CYP4F2	0.347264902	0.120592912	6.4491E-104
ENSG00000224638	N.A.	0.347262272	0.120591085	3.5744E-105
ENSG00000072274	TFRC	0.347175596	0.120530895	1.0461E-102
ENSG00000161265	U2AF1L4	0.347163666	0.120522611	1.0647E-102
ENSG00000012779	ALOX5	0.347131971	0.120500605	1.346E-101
ENSG00000048471	SNX29	0.34705762	0.120448991	1.2444E-102
ENSG00000037637	FBXO42	0.347056369	0.120448123	4.8453E-105
ENSG00000211767	TRBJ2-3	0.347012901	0.120417953	5.1666E-105
ENSG00000128191	DGCR8	0.346972034	0.120389593	9.9307E-104
ENSG00000133962	CATSPERB	0.346810217	0.120277327	1.2603E-103
ENSG00000205593	DENND6B	0.346785668	0.120260299	7.2255E-105

ENSG00000143322	ABL2	0.346777847	0.120254875	1.3218E-103
ENSG00000168675	LDLRAD4	0.346665658	0.120177079	2.8387E-100
ENSG00000180340	FZD2	0.346646849	0.120164038	8.8675E-105
ENSG00000054611	TBC1D22A	0.346606527	0.120136085	3.095E-100
ENSG00000145348	TBCK	0.346597449	0.120129791	3.3591E-106
ENSG00000234771	SLC25A25-AS1	0.346595397	0.120128369	3.3693E-106
ENSG00000106538	RARRES2	0.346594904	0.120128027	3.3717E-106
ENSG00000066382	MPPED2	0.346580995	0.120118386	2.5064E-102
ENSG00000129484	PARP2	0.34650018	0.120062375	1.9889E-103
ENSG00000211967	IGHV3-53	0.346460461	0.120034851	2.1085E-103
ENSG00000211445	GPX3	0.346389854	0.119985931	1.2951E-104
ENSG00000124233	SEMG1	0.346349328	0.119957857	1.3748E-104
ENSG00000267053	AC092296.2	0.346204219	0.119857361	3.0728E-103
ENSG00000198805	PNP	0.346203152	0.119856623	5.2482E-101
ENSG00000259687	LINC01220	0.346172621	0.119835483	3.2188E-103

ENSG00000135211	TMEM60	0.346171228	0.119834519	6.3028E-106
ENSG00000270015	N.A.	0.346136386	0.119810398	6.1488E-100
ENSG00000112053	SLC26A8	0.346089592	0.119778006	5.1524E-102
ENSG00000184613	NELL2	0.346086472	0.119775846	7.1422E-106
ENSG00000143248	RGS5	0.34607152	0.119765497	2.0696E-104
ENSG00000213923	CSNK1E	0.346036293	0.119741116	7.1153E-100
ENSG00000168291	PDHB	0.346034263	0.119739711	7.7139E-106
ENSG00000040633	PHF23	0.345994918	0.119712483	4.1785E-103
ENSG00000162631	NTNG1	0.345993683	0.119711629	8.1896E-106
ENSG00000188487	INSC	0.345910402	0.119654007	4.7303E-103
ENSG00000138669	PRKG2	0.345732716	0.119531111	1.2031E-105
ENSG00000172367	PDZD3	0.345711355	0.119516341	3.5149E-104
ENSG00000196305	IARS1	0.345708315	0.119514239	3.5306E-104
ENSG00000247317	LY6E-DT	0.345675081	0.119491262	3.7074E-104
ENSG00000196652	ZKSCAN5	0.345668195	0.119486501	1.323E-105

ENSG00000099139	PCSK5	0.34566163	0.119481962	1.04282E-97
ENSG00000136634	IL10	0.345643445	0.119469391	3.8838E-104
ENSG00000156384	SFR1	0.345603232	0.119441594	1.4558E-105
ENSG00000263874	LINC00672	0.345572699	0.11942049	1.3182E-100
ENSG00000172031	EPHX4	0.345559834	0.119411599	1.5519E-105
ENSG00000119328	ABITRAM	0.345535977	0.119395112	4.5479E-104
ENSG00000104894	CD37	0.345533049	0.119393088	1.6143E-105
ENSG00000119185	ITGB1BP1	0.345531297	0.119391877	3.97167E-88
ENSG00000197696	NMB	0.345476947	0.119354321	4.9598E-104
ENSG00000161551	ZNF577	0.345473526	0.119351957	1.7621E-105
ENSG00000124532	MRS2	0.345433529	0.119324323	5.2863E-104
ENSG00000092421	SEMA6A	0.345420728	0.119315479	9.698E-103
ENSG00000156931	VPS8	0.345410791	0.119308615	1.6693E-100
ENSG00000121417	ZNF211	0.345388019	0.119292884	5.6515E-104
ENSG00000197183	NOL4L	0.345330459	0.119253126	6.1497E-104

ENSG0000023191	RNH1	0.345329793	0.119252666	1.1079E-102
ENSG00000185344	ATP6V0A2	0.345301105	0.119232853	6.4204E-104
ENSG00000228638	FCF1P2	0.345271516	0.11921242	2.3718E-105
ENSG00000177054	ZDHHC13	0.345111321	0.119101824	1.5255E-102
ENSG00000232807	AL137186.2	0.345094887	0.119090481	1.5626E-102
ENSG00000247796	AC008966.1	0.345051918	0.119060826	1.664E-102
ENSG00000133065	SLC41A1	0.344905453	0.118959772	1.1469E-103
ENSG00000163013	FBXO41	0.344880667	0.118942674	3.0167E-101
ENSG00000157483	MYO1E	0.344742942	0.118847696	2.6141E-102
ENSG00000145782	ATG12	0.34467726	0.118802413	5.6779E-105
ENSG00000250661	N.A.	0.344666559	0.118795037	5.7678E-105
ENSG00000257923	CUX1	0.344628886	0.118769069	3.088E-102
ENSG00000068784	SRBD1	0.344532477	0.118702628	3.5548E-102
ENSG00000249863	AC021106.1	0.344531415	0.118701896	1.9833E-103
ENSG00000261220	AC103706.1	0.344408972	0.11861754	2.3724E-103

ENSG00000261644	AC007728.2	0.344329155	0.118562567	4.7829E-102
ENSG00000198035	N.A.	0.344267665	0.118520225	7.369E-101
ENSG00000115998	C2orf42	0.344221559	0.118488482	3.1202E-103
ENSG00000181894	ZNF329	0.344215405	0.118484245	5.6461E-102
ENSG00000148396	SEC16A	0.344188241	0.118465545	5.8742E-102
ENSG00000159363	ATP13A2	0.344158195	0.118444863	3.423E-103
ENSG00000161249	DMKN	0.344155948	0.118443317	1.2192E-104
ENSG00000106624	AEBP1	0.344143792	0.11843495	1.0545E-99
ENSG00000110888	CAPRIN2	0.34412483	0.118421898	6.4432E-102
ENSG00000104419	NDRG1	0.34402544	0.118353503	1.252E-99
ENSG00000186166	CENATAC	0.343965693	0.118312398	8.125E-102
ENSG00000070759	TESK2	0.343893184	0.118262522	5.0408E-103
ENSG00000133256	PDE6B	0.343837629	0.118224315	1.9428E-104
ENSG00000217165	ANKRD18EP	0.34382227	0.118213754	1.0013E-101
ENSG00000179593	ALOX15B	0.343809806	0.118205183	1.434E-100

ENSG00000089327	FXVD5	0.343748152	0.118162792	6.2291E-103
ENSG00000188186	LAMTOR4	0.343712377	0.118138198	1.652E-100
ENSG00000168575	SLC20A2	0.343663241	0.118104423	2.5072E-104
ENSG00000181908	LINC02724	0.343643711	0.118091	7.2543E-103
ENSG00000176092	CRYBG2	0.343538171	0.118018475	2.537E-99
ENSG00000204219	TCEA3	0.343512962	0.118001155	1.5705E-101
ENSG00000158062	UBXN11	0.343511328	0.118000032	2.2119E-100
ENSG00000112195	TREML2	0.343490111	0.117985456	2.281E-100
ENSG00000197816	CCDC180	0.343459625	0.117964514	1.6972E-101
ENSG00000087116	ADAMTS2	0.343418917	0.117936553	1.0068E-102
ENSG00000223294	SNORD83	0.343233308	0.117809104	4.6981E-104
ENSG00000258172	AC073655.1	0.34322947	0.117806469	2.3715E-101
ENSG00000257221	AC007569.1	0.343150519	0.117752279	1.4884E-102
ENSG00000168803	ADAL	0.343070467	0.117697345	5.9582E-104
ENSG00000049192	ADAMTS6	0.343009625	0.117655603	6.5111E-104

ENSG00000104886	PLEKHJ1	0.34300426	0.117651923	3.2891E-101
ENSG00000112584	FAM120B	0.342984592	0.117638431	3.3844E-101
ENSG00000136444	RSAD1	0.342982759	0.117637173	1.8999E-102
ENSG00000164062	APEH	0.34289084	0.117574128	3.8777E-101
ENSG00000171135	JAGN1	0.342800209	0.117511983	4.4227E-101
ENSG00000163961	RNF168	0.342782422	0.117499789	4.5383E-101
ENSG00000198836	OPA1	0.342747108	0.11747558	2.6766E-102
ENSG00000144182	LIPT1	0.342705478	0.117447045	1.0143E-103
ENSG00000111361	EIF2B1	0.342641342	0.117403089	1.1137E-103
ENSG00000137726	FXVD6	0.342583035	0.117363136	3.3973E-102
ENSG00000100580	TMED8	0.342574755	0.117357463	3.4384E-102
ENSG00000253764	AC019257.1	0.342570966	0.117354867	8.6376E-100
ENSG00000111860	CEP85L	0.342555533	0.117344293	8.8325E-100
ENSG00000149548	CCDC15	0.342473512	0.117288107	3.9831E-102
ENSG00000198879	SFMBT2	0.342430511	0.117258655	1.25743E-98

ENSG00000169919	GUSB	0.342415988	0.117248709	4.3301E-102
ENSG00000165138	ANKS6	0.342376528	0.117221687	4.5854E-102
ENSG00000244560	AC004890.2	0.342285601	0.117159432	1.3047E-99
ENSG00000101470	TNNC2	0.342257847	0.117140434	5.4473E-102
ENSG00000123297	TSMF	0.342238551	0.117127226	2.0014E-103
ENSG00000163807	KIAA1143	0.342158394	0.117072367	1.1209E-100
ENSG00000179889	PDXDC1	0.342106285	0.11703671	1.99738E-96
ENSG00000123124	WWP1	0.342098056	0.11703108	1.2231E-100
ENSG00000111843	TMEM14C	0.342064287	0.117007977	7.213E-102
ENSG00000268205	AC005261.1	0.342043599	0.116993824	7.4326E-102
ENSG00000226660	TRBV2	0.342021996	0.116979046	2.26536E-98
ENSG00000246090	AP002026.1	0.341982045	0.116951719	2.51516E-97
ENSG00000197008	ZNF138	0.341943165	0.116925128	1.5303E-100
ENSG00000128923	MINDY2	0.341911629	0.116903562	8.9995E-102
ENSG00000249109	AC140125.2	0.341889724	0.116888583	2.74051E-98

ENSG00000186529	CYP4F3	0.341759945	0.11679986	1.9944E-100
ENSG00000108963	DPH1	0.341746596	0.116790736	2.0332E-100
ENSG00000248746	ACTN3	0.341722145	0.116774025	1.1842E-101
ENSG00000262061	AC129507.1	0.341639606	0.11671762	3.3137E-99
ENSG00000119720	NRDE2	0.341639353	0.116717447	4.7792E-103
ENSG00000207217	SNORA80D	0.341623297	0.116706477	1.3664E-101
ENSG00000234616	JRK	0.341586761	0.116681516	1.4407E-101
ENSG00000211640	IGLV6-57	0.341543036	0.116651646	3.8085E-99
ENSG00000159618	ADGRG5	0.341518543	0.116634915	2.8264E-100
ENSG00000135452	TSPAN31	0.341474855	0.116605077	1.6939E-101
ENSG00000135362	PRR5L	0.341445162	0.116584798	5.19354E-98
ENSG00000145901	TNIP1	0.341432602	0.116576222	3.1998E-100
ENSG00000215568	GAB4	0.341303715	0.116488226	2.1697E-101
ENSG00000198373	WWP2	0.341248392	0.116450465	4.1739E-100
ENSG00000269086	AC008555.2	0.341192536	0.116412347	4.5241E-100

ENSG00000114857	NKTR	0.341180737	0.116404295	2.5918E-101
ENSG00000101265	RASSF2	0.341016646	0.116292353	9.60811E-98
ENSG00000163950	SLBP	0.340949775	0.116246749	1.2982E-102
ENSG00000069998	HDHD5	0.340885705	0.116203064	1.21079E-96
ENSG00000148848	ADAM12	0.340737044	0.116101733	1.21412E-98
ENSG00000111554	MDM1	0.340592098	0.116002977	1.0744E-99
ENSG00000113319	RASGRF2	0.340591065	0.116002273	6.0719E-101
ENSG00000128340	RAC2	0.340572007	0.115989292	1.1059E-99
ENSG00000143870	PDIA6	0.340460231	0.115913169	1.2988E-99
ENSG00000145604	SKP2	0.340439151	0.115898816	1.86198E-98
ENSG00000149243	KLHL35	0.34042107	0.115886505	2.7884E-102
ENSG00000093072	ADA2	0.340362409	0.115846569	1.4949E-99
ENSG00000105339	DENND3	0.340180342	0.115722665	2.6987E-98
ENSG00000154229	PRKCA	0.340139061	0.115694581	3.31788E-95
ENSG00000225460	AL590233.1	0.339949717	0.11556581	2.7044E-99

ENSG00000244723	ASLP1	0.339833172	0.115486585	1.8085E-100
ENSG00000169991	IFFO2	0.339773183	0.115445816	1.9715E-100
ENSG00000157326	DHRS4	0.339725356	0.115413317	6.34396E-96
ENSG00000135218	CD36	0.339697112	0.115394128	2.1993E-100
ENSG00000269609	RPARP-AS1	0.339640788	0.115355865	2.3847E-100
ENSG00000122515	ZMIZ2	0.339579111	0.115313973	2.6057E-100
ENSG00000152439	ZNF773	0.339505565	0.115264029	5.1135E-99
ENSG00000198431	TXNRD1	0.339494932	0.115256809	1.0602E-101
ENSG00000227028	SLC8A1-AS1	0.339412785	0.115201039	5.8405E-99
ENSG00000111652	COPS7A	0.339375555	0.115175767	6.1604E-99
ENSG00000105552	BCAT2	0.339300082	0.115124546	6.8636E-99
ENSG00000180902	D2HGDH	0.339243071	0.115085861	1.02548E-93
ENSG00000171103	TRMT61B	0.339191972	0.115051194	1.6394E-101
ENSG00000158156	XKR8	0.33917146	0.115037279	1.6885E-101
ENSG00000151650	VENTX	0.339068891	0.114967713	1.32304E-97

ENSG00000164002	EXO5	0.339000309	0.114921209	1.05407E-98
ENSG00000113758	DBN1	0.33899522	0.114917759	2.1753E-101
ENSG00000145246	ATP10D	0.338986023	0.114911524	1.7494E-96
ENSG00000163590	PPM1L	0.33896258	0.114895631	6.3122E-100
ENSG00000125498	KIR2DL1	0.338948091	0.114885809	1.80014E-94
ENSG00000124207	CSE1L	0.338880149	0.114839755	7.1037E-100
ENSG00000100348	TXN2	0.338835032	0.114809179	1.33506E-98
ENSG00000101400	SNTA1	0.338725028	0.114734644	8.8715E-100
ENSG00000170854	RIOX2	0.338590158	0.114643295	1.8943E-98
ENSG00000227372	TP73-AS1	0.338525868	0.114599763	1.1798E-99
ENSG00000167306	MYO5B	0.33851681	0.114593631	2.90704E-97
ENSG00000241464	RPL39P38	0.338513919	0.114591673	1.2002E-99
ENSG00000197771	MCMBP	0.338513798	0.114591591	1.2004E-99
ENSG00000010610	CD4	0.338507077	0.114587042	2.94762E-97
ENSG00000184497	TMEM255B	0.33846583	0.114559118	2.26226E-98

ENSG00000237135	DDX10P1	0.338456571	0.114552851	1.3028E-99
ENSG00000196263	ZNF471	0.338429963	0.11453484	3.85763E-96
ENSG00000111110	PPM1H	0.338424264	0.114530982	2.40054E-98
ENSG00000204882	GPR20	0.338336408	0.114471525	5.5994E-101
ENSG00000243646	IL10RB	0.338248772	0.114412232	4.98967E-96
ENSG00000213876	RPL7AP64	0.338234235	0.114402398	1.7905E-99
ENSG00000101181	MTG2	0.338211531	0.11438704	3.25176E-98
ENSG00000133106	EPSTI1	0.338204511	0.114382291	1.8683E-99
ENSG00000189007	ADAT2	0.338193018	0.114374518	1.8992E-99
ENSG00000264176	MAGOH2P	0.338139951	0.114338626	7.4199E-101
ENSG00000132749	TESMIN	0.338134616	0.114335019	2.0645E-99
ENSG00000088448	ANKRD10	0.338133936	0.114334559	5.01341E-97
ENSG00000101474	APMAP	0.338132038	0.114333275	2.0721E-99
ENSG00000145545	SRD5A1	0.338129873	0.114331811	2.0786E-99
ENSG00000168234	TTC39C	0.338111629	0.114319473	3.74957E-98

ENSG0000090621	PABPC4	0.338090098	0.114304914	3.86644E-98
ENSG00000111731	C2CD5	0.338075708	0.114295185	8.1349E-101
ENSG00000181982	CCDC149	0.338071413	0.11429228	5.47962E-97
ENSG0000099958	DERL3	0.338064551	0.114287641	4.00983E-98
ENSG00000113532	ST8SIA4	0.338061357	0.114285481	2.2923E-99
ENSG00000137460	FHDC1	0.338039004	0.114270368	2.3667E-99
ENSG00000162927	PUS10	0.338011646	0.114251873	4.32385E-98
ENSG00000142208	AKT1	0.337960814	0.114217512	6.41269E-97
ENSG00000175899	A2M	0.337946117	0.114207578	2.7025E-99
ENSG00000158321	AUTS2	0.337942865	0.11420538	6.57841E-97
ENSG00000111752	PHC1	0.337771618	0.114089666	9.81742E-96
ENSG00000167889	MGAT5B	0.337687885	0.114033107	6.85682E-98
ENSG00000251369	ZNF550	0.337681737	0.114028955	3.9414E-99
ENSG00000230982	DSTNP1	0.337647362	0.114005741	7.26389E-98
ENSG00000268001	CARD8-AS1	0.337605596	0.113977538	4.3936E-99

ENSG00000188549	CCDC9B	0.337599241	0.113973248	1.07176E-96
ENSG00000123684	LPGAT1	0.337597314	0.113971947	1.0747E-96
ENSG00000155506	LARP1	0.337585119	0.113963712	4.5238E-99
ENSG00000243811	APOBEC3D	0.337566831	0.113951365	4.6433E-99
ENSG00000135916	ITM2C	0.337557375	0.113944982	8.25612E-98
ENSG00000154102	C16orf74	0.337415992	0.113849551	1.0095E-97
ENSG00000119392	GLE1	0.337285459	0.113761481	6.9341E-99
ENSG00000130024	PHF10	0.33719005	0.11369713	7.9434E-99
ENSG00000128322	IGLL1	0.337175333	0.113687205	8.1116E-99
ENSG00000101452	DHX35	0.33717242	0.113685241	8.1453E-99
ENSG00000167118	URM1	0.337150511	0.113670467	8.4034E-99
ENSG00000267067	N.A.	0.337138756	0.11366254	3.105E-100
ENSG00000146576	C7orf26	0.337117142	0.113647967	2.12343E-96
ENSG00000159842	ABR	0.337014642	0.113578869	2.95464E-94
ENSG00000108219	TSPAN14	0.337012734	0.113577583	1.79034E-97

ENSG00000178700	DHFR2	0.336995414	0.113565909	1.04793E-98
ENSG00000053524	MCF2L2	0.33696252	0.11354374	1.09814E-98
ENSG00000056661	N.A.	0.33694478	0.113531785	1.12621E-98
ENSG00000103995	CEP152	0.33692283	0.113516993	1.16193E-98
ENSG00000187535	IFT140	0.336917933	0.113513693	2.04822E-97
ENSG00000141027	NCOR1	0.336906831	0.113506213	4.3225E-100
ENSG00000143595	AQP10	0.336880227	0.113488288	2.16081E-97
ENSG00000150048	CLEC1A	0.336868552	0.113480422	2.1969E-97
ENSG00000121350	PYROXD1	0.336816572	0.113445403	1.3515E-98
ENSG00000255354	N.A.	0.336813149	0.113443097	1.3581E-98
ENSG00000171503	ETFDH	0.336700062	0.113366932	1.59498E-98
ENSG00000164929	BAALC	0.336608481	0.113305269	6.6128E-100
ENSG00000144749	LRIG1	0.336601821	0.113300786	1.83396E-98
ENSG00000264538	SUZ12P1	0.336561495	0.11327364	3.39567E-97
ENSG00000236829	Z97634.1	0.336518209	0.113244505	4.95671E-96

ENSG00000241258	CRCP	0.336470558	0.113212436	2.20989E-98
ENSG00000137054	POLR1E	0.336434399	0.113188105	8.4728E-100
ENSG00000112578	BYSL	0.336431282	0.113186007	4.08374E-97
ENSG00000124102	PI3	0.336387848	0.113156784	2.48528E-98
ENSG00000118804	STBD1	0.336378525	0.113150512	2.5184E-98
ENSG00000261056	AC079416.2	0.336344986	0.11312795	2.6412E-98
ENSG00000242611	AC093627.6	0.336233891	0.11305323	7.40746E-96
ENSG00000168646	AXIN2	0.336193985	0.113026396	5.71463E-97
ENSG00000163596	ICA1L	0.336116723	0.112974451	6.37491E-97
ENSG00000228037	AL139246.3	0.336056286	0.112933827	9.51842E-96
ENSG00000231645	KRT17P6	0.336048641	0.112928689	9.62168E-96
ENSG00000259679	N.A.	0.336035426	0.112919808	1.4944E-99
ENSG00000008382	MPND	0.335979085	0.112881946	7.74521E-97
ENSG00000130638	ATXN10	0.335951261	0.11286325	8.05604E-97
ENSG00000004864	SLC25A13	0.335912795	0.112837406	1.7789E-99

ENSG00000196072	BLOC1S2	0.335900196	0.112828941	1.811E-99
ENSG00000122912	SLC25A16	0.335899108	0.112828211	4.97112E-98
ENSG00000167815	PRDX2	0.335840516	0.112788852	1.9712E-99
ENSG00000198853	RUSC2	0.335808691	0.112767477	5.65059E-98
ENSG00000177479	ARIH2	0.335731285	0.112715496	2.3019E-99
ENSG00000214597	N.A.	0.335520991	0.112574335	8.49198E-98
ENSG00000198218	QRICH1	0.335487894	0.112552127	3.2515E-99
ENSG00000115816	CEBPZ	0.335472156	0.112541568	3.3248E-99
ENSG00000119414	PPP6C	0.335384664	0.112482873	1.79358E-96
ENSG00000156232	WHAMM	0.33535325	0.112461802	1.87487E-96
ENSG00000179837	N.A.	0.335293004	0.112421398	1.17238E-97
ENSG00000073169	SELENOO	0.335221822	0.11237367	3.57878E-94
ENSG00000182150	ERCC6L2	0.335178516	0.112344638	3.80304E-94
ENSG00000185640	KRT79	0.335153327	0.112327753	2.48559E-96
ENSG00000100266	PACSIN2	0.335148524	0.112324533	1.43803E-97

ENSG00000165272	AQP3	0.33513122	0.112312934	2.56428E-96
ENSG00000108474	PIGL	0.335071101	0.112272643	1.60427E-97
ENSG00000166912	MTMR10	0.335065956	0.112269195	1.61598E-97
ENSG00000133063	CHIT1	0.335046568	0.112256202	2.88925E-96
ENSG00000186431	FCAR	0.334990634	0.112218725	3.1262E-96
ENSG00000122591	FAM126A	0.334985197	0.112215082	3.15024E-96
ENSG00000167969	ECI1	0.334891287	0.112152174	2.06809E-97
ENSG00000144218	AFF3	0.334815688	0.112101545	3.99978E-96
ENSG00000164604	GPR85	0.33479666	0.112088803	4.10839E-96
ENSG00000260641	AC114811.2	0.334782111	0.112079062	2.41267E-97
ENSG00000181350	LRRC75A	0.33467746	0.112009002	7.85441E-93
ENSG00000197951	ZNF71	0.334624062	0.111973263	3.01535E-97
ENSG00000065320	NTN1	0.334611695	0.111964986	3.0684E-97
ENSG00000181963	OR52K2	0.334477628	0.111875283	8.77603E-95
ENSG00000144231	POLR2D	0.334447288	0.111854989	3.86886E-97

ENSG00000173218	VANGL1	0.334439861	0.111850021	6.78737E-96
ENSG00000109790	KLHL5	0.33443514	0.111846863	1.07782E-93
ENSG00000141002	TCF25	0.334426817	0.111841296	3.98212E-97
ENSG00000124721	DNAH8	0.33440307	0.111825413	1.50992E-98
ENSG00000140382	HMG20A	0.334396423	0.111820968	9.83486E-95
ENSG00000259062	ACTN1-AS1	0.334388749	0.111815836	7.29307E-96
ENSG00000053108	FSTL4	0.334286497	0.111747462	1.14739E-94
ENSG00000178199	ZC3H12D	0.334271532	0.111737457	8.59927E-96
ENSG00000055483	USP36	0.334190041	0.111682983	9.64241E-96
ENSG00000197670	AL157838.1	0.33412155	0.11163721	1.06161E-95
ENSG00000135723	FHOD1	0.334084224	0.111612269	2.36836E-98
ENSG00000163328	GPR155	0.33404722	0.111587545	1.17841E-95
ENSG00000244273	PGBD4P1	0.334013646	0.111565116	7.1255E-97
ENSG00000204252	HLA-DOA	0.334013608	0.11156509	1.6818E-94
ENSG00000167842	MIS12	0.333898622	0.111488289	1.9756E-94

ENSG00000150991	UBC	0.333789944	0.111415727	9.7605E-97
ENSG00000076924	XAB2	0.333784964	0.111412402	1.70267E-95
ENSG00000140157	NIPA2	0.333780343	0.111409318	9.89315E-97
ENSG00000113734	BNIP1	0.333714315	0.111365244	1.08554E-96
ENSG00000018699	TTC27	0.333692168	0.111350463	1.11987E-96
ENSG00000143401	ANP32E	0.333663171	0.111331112	1.16645E-96
ENSG00000136874	STX17	0.333619917	0.111302249	1.23955E-96
ENSG00000230042	AK3P3	0.333610355	0.111295869	2.17501E-95
ENSG00000162433	AK4	0.333532865	0.111244172	2.42453E-95
ENSG00000234630	AC245060.2	0.333516394	0.111233185	1.43359E-96
ENSG00000261355	N.A.	0.333482912	0.111210853	1.50261E-96
ENSG00000099917	MED15	0.333456341	0.111193131	1.55974E-96
ENSG00000235772	AP001625.2	0.333414649	0.111165328	1.65378E-96
ENSG00000129595	EPB41L4A	0.3334023	0.111157094	3.95514E-94
ENSG00000264773	MIR4420	0.333363655	0.111131326	6.53719E-98

ENSG00000149269	PAK1	0.333275692	0.111072687	4.72032E-94
ENSG00000198171	DDRK1	0.333239714	0.111048707	3.65541E-95
ENSG00000225720	AL031846.1	0.333202985	0.111024229	3.84824E-95
ENSG00000254750	CASP1P2	0.333162333	0.11099714	8.67712E-98
ENSG00000156966	B3GNT7	0.333147754	0.110987426	4.15747E-95
ENSG00000178093	TSSK6	0.333143249	0.110984424	8.9131E-98
ENSG00000140263	SORD	0.333136998	0.110980259	5.72892E-94
ENSG00000215256	DHRS4-AS1	0.333109576	0.110961989	4.3856E-95
ENSG00000164305	CASP3	0.333044903	0.110918907	1.02346E-97
ENSG00000228451	SDAD1P1	0.3329986	0.110888068	2.96466E-96
ENSG0000048544	MRPS10	0.332974242	0.110871846	3.06764E-96
ENSG00000151893	CACUL1	0.33295688	0.110860284	3.14321E-96
ENSG00000165280	VCP	0.332905084	0.110825795	3.37987E-96
ENSG00000109436	TBC1D9	0.332902033	0.110823763	3.39435E-96
ENSG00000167767	KRT80	0.332827979	0.110774464	3.76547E-96

ENSG00000175470	PPP2R2D	0.332820615	0.110769562	3.80452E-96
ENSG00000102978	POLR2C	0.332795593	0.110752907	1.06139E-92
ENSG00000137806	NDUFAF1	0.33279275	0.110751014	9.26033E-94
ENSG00000165655	ZNF503	0.332774462	0.110738843	7.00682E-95
ENSG00000136273	HUS1	0.332733847	0.110711813	4.29618E-96
ENSG00000213398	LCAT	0.332709023	0.110695294	1.64043E-97
ENSG00000186026	ZNF284	0.332631132	0.11064347	1.82993E-97
ENSG00000186594	MIR22HG	0.332582683	0.110611241	1.95866E-97
ENSG00000130703	OSBPL2	0.332567169	0.110600922	1.26806E-93
ENSG00000262089	AC040977.1	0.332543975	0.110585495	9.66787E-95
ENSG00000149488	TMC2	0.332344216	0.110452678	1.27762E-94
ENSG00000151952	TMEM132D	0.332325892	0.110440499	2.0385E-92
ENSG00000111321	LTBR	0.332275083	0.110406731	1.40696E-94
ENSG00000143067	ZNF697	0.332272134	0.110404771	1.91211E-93
ENSG00000214135	AC132008.2	0.332134961	0.110313632	9.92947E-96

ENSG00000158186	MRAS	0.332131883	0.110311588	2.6683E-92
ENSG00000137824	RMDN3	0.332092661	0.110285536	1.0534E-95
ENSG00000253269	AC008680.1	0.332086738	0.110281602	1.06215E-95
ENSG00000104870	FCGRT	0.332060546	0.110264206	2.56632E-93
ENSG00000174348	PODN	0.332053547	0.110259558	2.97456E-92
ENSG00000164323	CFAP97	0.331972568	0.110205786	2.14493E-94
ENSG00000158006	PAFAH2	0.331970944	0.110204708	4.61622E-97
ENSG00000227740	LINC02803	0.331952556	0.1101925	1.28109E-95
ENSG00000198046	ZNF667	0.331950159	0.110190908	1.28539E-95
ENSG00000119147	ECRG4	0.331925686	0.110174661	3.55149E-92
ENSG00000110917	MLEC	0.331899614	0.110157353	2.37436E-94
ENSG00000183250	LINC01547	0.331845086	0.110121161	3.46212E-93
ENSG00000188026	RILPL1	0.331811448	0.110098837	2.68451E-94
ENSG00000166582	CENPV	0.331785764	0.110081793	1.61695E-95
ENSG00000117151	CTBS	0.331768578	0.110070389	2.8496E-94

ENSG00000225992	TRGVA	0.331764064	0.110067394	2.86756E-94
ENSG00000162591	MEGF6	0.331741505	0.110052426	2.95903E-94
ENSG00000101236	RNF24	0.331722625	0.1100399	3.03782E-94
ENSG00000136051	WASHC4	0.331698536	0.110023919	4.24351E-93
ENSG00000249626	AC024560.2	0.331668469	0.110003974	4.42438E-93
ENSG00000155926	SLA	0.331629686	0.109978248	3.45724E-94
ENSG00000174136	RGMB	0.331625816	0.109975682	3.4759E-94
ENSG00000197971	MBP	0.331619673	0.109971608	3.50573E-94
ENSG00000177272	KCNA3	0.331615162	0.109968616	4.76415E-93
ENSG00000255163	HSPE1P18	0.331567887	0.109937263	8.11216E-97
ENSG00000159199	ATP5MC1	0.331557982	0.109930695	2.22171E-95
ENSG00000138119	MYOF	0.331526474	0.109909803	3.991E-94
ENSG00000177989	ODF3B	0.331504909	0.109895505	4.1125E-94
ENSG00000225528	Z82206.1	0.331409987	0.109832579	1.01148E-96
ENSG00000233077	LINC01271	0.331384852	0.10981592	6.55755E-93

ENSG00000137275	RIPK1	0.331344874	0.109789426	5.13724E-94
ENSG00000100100	PIK3IP1	0.331245255	0.109723419	3.43512E-95
ENSG00000149177	PTPRJ	0.331179096	0.109679594	1.39627E-96
ENSG00000256518	FOLR1P1	0.331167752	0.10967208	6.57056E-94
ENSG00000145220	LYAR	0.331125397	0.109644029	9.3953E-93
ENSG00000142937	RPS8	0.331121368	0.109641361	1.51341E-96
ENSG00000186854	TRABD2A	0.331016224	0.109571741	8.10914E-94
ENSG00000163220	S100A9	0.330974371	0.109544035	5.00836E-95
ENSG00000164142	FAM160A1	0.330826487	0.109446164	2.28328E-96
ENSG00000166704	ZNF606	0.330790269	0.109422202	1.10951E-93
ENSG00000163513	TGFBR2	0.330789463	0.109421669	2.40419E-96
ENSG00000173950	XXYL1	0.330766874	0.109406725	1.76384E-91
ENSG00000157873	TNFRSF14	0.330629449	0.109315833	1.86638E-92
ENSG00000145439	CBR4	0.330626839	0.109314107	1.39167E-93
ENSG00000137752	CASP1	0.330614333	0.109305837	2.17698E-91

ENSG00000267270	PARD6G-AS1	0.330607622	0.1093014	8.33942E-95
ENSG00000170128	GPR25	0.330529341	0.109249645	9.29739E-95
ENSG00000086730	LAT2	0.330440228	0.109190744	1.05222E-94
ENSG00000090376	IRAK3	0.330414893	0.109174002	1.86667E-93
ENSG00000172159	FRMD3	0.330410391	0.109171026	2.8838E-91
ENSG00000150347	ARID5B	0.330371545	0.109145358	2.66559E-92
ENSG00000108861	DUSP3	0.330335499	0.109121542	1.21687E-94
ENSG00000196418	ZNF124	0.330334817	0.109121092	2.8043E-92
ENSG00000128594	LRRC4	0.330311884	0.109105941	1.25741E-94
ENSG00000104689	TNFRSF10A	0.330214128	0.10904137	3.31283E-92
ENSG00000110651	CD81	0.330194854	0.109028642	2.53138E-93
ENSG00000145936	KCNMB1	0.330080506	0.108953141	4.57574E-90
ENSG00000211651	IGLV1-44	0.330032734	0.108921606	6.89181E-96
ENSG00000178449	COX14	0.329979587	0.108886528	1.99355E-94
ENSG00000173011	TADA2B	0.329908102	0.108839356	2.20116E-94

ENSG00000137563	GGH	0.329820561	0.108781603	6.49519E-91
ENSG00000152315	KCNK13	0.329810062	0.108774677	9.39006E-96
ENSG00000140403	DNAJA4	0.329775704	0.108752015	4.51911E-93
ENSG00000267885	N.A.	0.32968825	0.108694342	1.11201E-95
ENSG00000150457	LATS2	0.32964565	0.108666255	7.25532E-92
ENSG00000162869	PPP1R21	0.32956097	0.108610433	8.15282E-92
ENSG00000234745	HLA-B	0.32955075	0.108603697	6.16553E-93
ENSG00000229645	N.A.	0.329545106	0.108599977	9.48418E-91
ENSG00000269514	AC024257.3	0.32951295	0.108578784	6.49577E-93
ENSG00000112234	FBXL4	0.329507001	0.108574864	8.78174E-92
ENSG00000260766	N.A.	0.329484156	0.108559809	3.95888E-94
ENSG00000129933	MAU2	0.329448171	0.108536097	4.16094E-94
ENSG00000125744	RTN2	0.329435802	0.108527948	1.57834E-95
ENSG00000214309	MBLAC1	0.329316505	0.10844936	1.86219E-95
ENSG00000070182	SPTB	0.329288783	0.108431102	1.18579E-91

ENSG0000089847	ANKRD24	0.329278396	0.108424262	5.26198E-94
ENSG00000213277	MARCKSL1P1	0.329276316	0.108422892	1.96885E-95
ENSG00000137996	RTCA	0.329271125	0.108419474	1.21494E-91
ENSG00000211746	TRBV19	0.329198058	0.108371362	1.00293E-92
ENSG00000263235	AC006111.2	0.32919195	0.10836734	5.92979E-94
ENSG00000264364	DYNLL2	0.329178085	0.108358212	6.0445E-94
ENSG00000147650	LRP12	0.329167032	0.108350935	1.04675E-92
ENSG00000104613	INTS10	0.329156243	0.108343832	1.06243E-92
ENSG00000213347	MXD3	0.329146455	0.108337389	1.44216E-91
ENSG00000131044	TTLL9	0.329025378	0.108257699	2.78716E-95
ENSG00000154447	SH3RF1	0.328956698	0.108212509	3.06514E-95
ENSG00000204856	FAM216A	0.32894556	0.108205181	8.33382E-94
ENSG00000156990	RPUSD3	0.328937781	0.108200064	3.14645E-95
ENSG00000166033	HTRA1	0.328892337	0.10817017	2.04493E-91
ENSG00000087502	ERGIC2	0.328805019	0.108112741	1.72348E-92

ENSG00000154813	DPH3	0.328791226	0.10810367	1.75652E-92
ENSG00000107371	EXOSC3	0.32875113	0.108077306	1.08989E-93
ENSG00000160791	CCR5	0.328661783	0.108018568	3.18459E-90
ENSG00000128294	TPST2	0.328650134	0.108010911	2.85163E-91
ENSG00000157423	HYDIN	0.32858971	0.107971197	1.36166E-93
ENSG00000223387	LINC02068	0.328557364	0.107949941	5.32489E-95
ENSG00000264546	AC008026.3	0.328555364	0.107948627	5.33963E-95
ENSG00000151465	CDC123	0.328525805	0.107929205	2.53067E-92
ENSG00000254918	N.A.	0.328473381	0.107894762	1.59849E-93
ENSG00000168994	PXDC1	0.328399713	0.107846372	3.00965E-92
ENSG00000203747	FCGR3A	0.32838103	0.107834101	4.68335E-89
ENSG00000162892	IL24	0.328375335	0.107830361	1.82972E-93
ENSG00000131791	PRKAB2	0.328348878	0.107812986	3.22742E-92
ENSG00000115423	DNAH6	0.328324785	0.107797165	5.04988E-90
ENSG00000145555	MYO10	0.328312688	0.107789221	4.52977E-91

ENSG00000233387	IATPR	0.32828299	0.107769722	3.53323E-92
ENSG00000056558	TRAF1	0.328278455	0.107766744	4.74735E-91
ENSG00000232586	KIAA1614-AS1	0.328260874	0.107755201	8.01981E-95
ENSG00000130347	RTN4IP1	0.328125599	0.107666409	2.58068E-93
ENSG00000167491	GATAD2A	0.328079291	0.107636021	1.03036E-94
ENSG00000119685	TTLL5	0.328040555	0.107610606	1.08692E-94
ENSG00000243696	AC006254.1	0.328029116	0.107603101	5.00687E-92
ENSG00000165282	PIGO	0.327925488	0.107535126	3.39863E-93
ENSG00000164924	YWHAZ	0.327856825	0.107490098	8.45626E-91
ENSG00000143748	NVL	0.327810399	0.107459658	6.75894E-92
ENSG00000260992	DOCK9-DT	0.327778674	0.107438859	4.15882E-93
ENSG00000180409	OR10AA1P	0.327721111	0.107401127	1.15162E-89
ENSG00000053371	AKR7A2	0.327616344	0.107332469	1.3285E-89
ENSG00000143515	ATP8B2	0.327603439	0.107324013	5.29108E-93
ENSG00000263142	LRRC37A17P	0.327562852	0.107297422	9.48938E-92

ENSG00000136156	ITM2B	0.327560349	0.107295782	9.52197E-92
ENSG00000185986	SDHAP3	0.327530311	0.107276105	1.49382E-89
ENSG00000257621	PSMA3-AS1	0.327529433	0.107275529	9.93392E-92
ENSG00000213221	DNLZ	0.327516316	0.107266937	1.0114E-91
ENSG00000072195	SPEG	0.327470782	0.107237113	2.3831E-94
ENSG00000107242	PIP5K1B	0.327458492	0.107229064	1.09476E-91
ENSG00000186318	BACE1	0.327333854	0.107147452	7.66104E-93
ENSG00000204428	LY6G5C	0.327174066	0.10704287	3.58429E-94
ENSG00000024862	CCDC28A	0.327128433	0.107013011	1.7199E-91
ENSG00000137713	PPP2R1B	0.3270714	0.1069757	1.85942E-91
ENSG00000115718	PROC	0.327008037	0.106934256	1.19768E-92
ENSG00000134897	BIVM	0.326985128	0.106919274	2.0922E-91
ENSG00000169371	SNUPN	0.326847801	0.106829485	1.49172E-92
ENSG00000246575	AC093162.1	0.326821699	0.106812423	3.47552E-90
ENSG00000186020	ZNF529	0.326806213	0.106802301	1.57916E-92

ENSG00000170091	NSG2	0.3266764	0.10671747	1.88632E-92
ENSG00000149115	TNKS1BP1	0.32665119	0.106701	3.30167E-91
ENSG00000256039	LINC02446	0.32664745	0.106698557	4.40669E-90
ENSG00000152128	TMEM163	0.326607356	0.106672365	7.80569E-94
ENSG00000103187	COTL1	0.32655687	0.106639389	5.59043E-88
ENSG00000110274	CEP164	0.326549938	0.106634862	5.0324E-90
ENSG00000123737	EXOSC9	0.326514358	0.106611626	8.86768E-94
ENSG00000157895	C12orf43	0.326495606	0.10659938	4.0828E-91
ENSG00000236493	EIF2S2P3	0.326475443	0.106586215	2.48332E-92
ENSG00000132313	MRPL35	0.326472476	0.106584277	2.49342E-92
ENSG00000167930	FAM234A	0.32636204	0.106512181	2.8999E-92
ENSG00000151503	NCAPD3	0.32635461	0.106507332	7.39104E-89
ENSG00000178913	TAF7	0.32633649	0.106495504	5.07246E-91
ENSG00000164008	C1orf50	0.326336013	0.106495193	3.00494E-92
ENSG00000231890	DARS1-AS1	0.326333922	0.106493829	1.13564E-93

ENSG00000167508	MVD	0.326307998	0.106476909	5.27341E-91
ENSG00000106853	PTGR1	0.326236843	0.106430478	7.70502E-90
ENSG00000154822	PLCL2	0.326143579	0.106369634	3.9088E-92
ENSG00000049245	VAMP3	0.326133658	0.106363163	6.68797E-91
ENSG00000156050	FAM161B	0.326102517	0.106342852	6.97785E-91
ENSG00000089057	SLC23A2	0.326065655	0.106318812	9.72367E-90
ENSG00000182173	TSEN54	0.326029843	0.106295458	4.56568E-92
ENSG00000056972	TRAF3IP2	0.325934894	0.106233555	5.19758E-92
ENSG00000253203	GUSBP3	0.325921816	0.10622503	1.98613E-79
ENSG00000243064	ABCC13	0.325912164	0.106218738	1.1978E-89
ENSG00000124406	ATP8A1	0.32589271	0.106206059	1.22986E-89
ENSG00000224389	C4B	0.325844688	0.106174761	5.8785E-92
ENSG00000077684	JADE1	0.32578919	0.106138596	6.34091E-92
ENSG00000100473	COCH	0.325720838	0.106094064	1.17326E-90
ENSG00000163873	GRIK3	0.32570948	0.106086665	7.06921E-92

ENSG00000171302	CANT1	0.325616048	0.106025811	1.353E-90
ENSG00000136141	LRCH1	0.325595999	0.106012755	1.39039E-90
ENSG00000249700	SRD5A3-AS1	0.325583871	0.106004857	1.41351E-90
ENSG00000179743	FLJ37453	0.325563776	0.105991772	1.45267E-90
ENSG00000267767	LINC01801	0.325532849	0.105971636	2.00417E-89
ENSG00000177311	ZBTB38	0.325460892	0.105924792	3.7497E-93
ENSG00000196922	ZNF252P	0.325241455	0.105782004	1.33762E-91
ENSG00000233673	ANAPC1P1	0.325238606	0.105780151	5.07933E-93
ENSG00000186642	PDE2A	0.325229114	0.105773976	3.39257E-88
ENSG00000137474	MYO7A	0.325228927	0.105773855	2.28962E-90
ENSG00000166819	PLIN1	0.325217458	0.105766395	1.38204E-91
ENSG00000105983	LMBR1	0.325191077	0.105749237	3.1848E-89
ENSG00000167103	PIP5KL1	0.325178803	0.105741254	5.51124E-93
ENSG00000138594	TMOD3	0.325100565	0.105690377	1.62036E-91
ENSG00000168300	PCMTD1	0.325080265	0.105677179	1.66574E-91

ENSG00000105939	ZC3HAV1	0.325070477	0.105670815	3.74971E-89
ENSG00000187626	ZKSCAN4	0.325036575	0.105648775	1.76775E-91
ENSG00000266998	AC111182.1	0.324996058	0.105622438	3.14073E-90
ENSG00000039560	RAI14	0.324823408	0.105510246	5.80494E-87
ENSG00000103264	FBXO31	0.324794555	0.105491503	5.44656E-89
ENSG00000163975	MELTF	0.324722658	0.105444804	4.55026E-90
ENSG00000131127	ZNF141	0.324683202	0.105419182	1.08308E-92
ENSG00000205426	KRT81	0.324676265	0.105414677	6.39107E-89
ENSG00000108828	VAT1	0.324611353	0.10537253	1.19441E-92
ENSG00000215154	AC141586.1	0.32451586	0.105310543	7.93784E-89
ENSG00000142459	EVI5L	0.324493726	0.105296178	8.17874E-89
ENSG00000158113	LRRC43	0.324479734	0.105287098	8.33476E-89
ENSG00000232561	N.A.	0.324465802	0.105278057	8.49308E-89
ENSG00000138085	ATRAID	0.324401101	0.105236074	4.19174E-91
ENSG00000224078	SNHG14	0.324332037	0.10519127	7.72289E-90

ENSG00000168569	TMEM223	0.324300739	0.105170969	8.05699E-90
ENSG00000131323	TRAF3	0.324172924	0.105088084	2.16865E-92
ENSG00000089041	P2RX7	0.324172505	0.105087813	1.26181E-88
ENSG00000180509	KCNE1	0.324096039	0.105038242	6.33987E-91
ENSG00000035664	DAPK2	0.324033774	0.104997887	1.15604E-89
ENSG00000185163	DDX51	0.324020162	0.104989065	1.5496E-88
ENSG00000204789	ZNF204P	0.323999732	0.104975826	1.59288E-88
ENSG00000266918	AC091132.3	0.32395549	0.104947159	1.28505E-89
ENSG00000162398	LEXM	0.323875619	0.104895417	1.43149E-89
ENSG00000183696	UPP1	0.323852206	0.104880251	8.82169E-91
ENSG00000145819	ARHGAP26	0.323785565	0.104837092	9.65472E-91
ENSG00000136098	NEK3	0.323771667	0.104828092	1.64726E-89
ENSG00000131979	GCH1	0.32375688	0.104818518	2.20952E-88
ENSG00000183283	DAZAP2	0.323743873	0.104810095	1.71026E-89
ENSG00000256604	N.A.	0.323614027	0.104726039	2.67815E-88

ENSG00000267980	AC007292.1	0.323612157	0.104724828	2.6849E-88
ENSG00000255571	MIR9-3HG	0.323538214	0.104676976	1.3493E-90
ENSG00000197208	SLC22A4	0.32342157	0.104601512	2.64205E-89
ENSG00000169442	CD52	0.3233418	0.10454992	2.94207E-89
ENSG00000132170	PPARG	0.323334946	0.104545487	3.89852E-88
ENSG00000172197	MBOAT1	0.3232984	0.104521855	4.09488E-88
ENSG00000198837	DENND4B	0.323272452	0.104505078	3.23035E-89
ENSG00000118855	MFSD1	0.323262035	0.104498344	1.96E-90
ENSG00000188958	UTS2B	0.32321681	0.104469106	2.08349E-90
ENSG00000116133	DHCR24	0.323183565	0.104447617	3.64141E-89
ENSG00000134262	AP4B1	0.323169615	0.1044386	2.22064E-90
ENSG00000089220	PEBP1	0.323103562	0.104395911	9.25105E-92
ENSG00000148803	FUOM	0.323096751	0.10439151	5.97833E-87
ENSG00000072756	TRNT1	0.323064324	0.104370558	2.55994E-90
ENSG00000170837	GPR27	0.322898888	0.104263692	7.00383E-88

ENSG00000228242	XPC-AS1	0.322862609	0.104240264	3.36095E-90
ENSG00000064607	SUGP2	0.322832256	0.104220666	1.33543E-91
ENSG00000258302	AC025034.1	0.322735926	0.104158478	3.9872E-90
ENSG00000128165	ADM2	0.322703833	0.104137764	1.01173E-86
ENSG00000188747	NOXA1	0.322680218	0.104122523	7.16986E-89
ENSG00000166788	SAAL1	0.322429247	0.103960619	6.02785E-90
ENSG00000129946	SHC2	0.322408329	0.10394713	1.50202E-86
ENSG00000185379	RAD51D	0.32239591	0.103939123	2.40819E-91
ENSG00000087448	KLHL42	0.32239368	0.103937685	1.0538E-88
ENSG00000231852	CYP21A2	0.32225348	0.103847306	1.27211E-88
ENSG00000067715	SYT1	0.322148821	0.103779863	1.46397E-88
ENSG00000132405	TBC1D14	0.322111116	0.103755571	9.2499E-90
ENSG00000172037	LAMB2	0.322038529	0.103708814	1.69746E-88
ENSG00000005469	CROT	0.322020519	0.103697215	1.73897E-88
ENSG00000260556	N.A.	0.322003458	0.103686227	2.32527E-87

ENSG00000164620	RELL2	0.321948279	0.103650694	2.50339E-87
ENSG00000265488	N.A.	0.321948101	0.10365058	2.50399E-87
ENSG00000106588	PSMA2	0.321908142	0.103624852	1.21527E-89
ENSG00000196139	AKR1C3	0.321896873	0.103617597	2.97326E-86
ENSG00000104998	IL27RA	0.321893884	0.103615673	1.23879E-89
ENSG00000236156	CHCHD4P3	0.321860029	0.103593878	1.29646E-89
ENSG00000183011	NAA38	0.32181375	0.103564089	2.29453E-88
ENSG00000122223	CD244	0.32180714	0.103559835	5.32765E-91
ENSG00000258581	AL157871.3	0.321679082	0.103477432	1.65324E-89
ENSG00000185800	DMWD	0.321645996	0.103456146	6.61888E-91
ENSG00000138346	DNA2	0.321632393	0.103447396	6.7412E-91
ENSG00000149503	INCENP	0.321623157	0.103441455	1.78218E-89
ENSG00000183722	LHFPL6	0.321397259	0.103296198	9.25016E-91
ENSG00000134852	CLOCK	0.321390904	0.103292113	2.43404E-89
ENSG00000268836	Z69706.1	0.321302028	0.103234993	4.55257E-88

ENSG00000143147	GPR161	0.321296762	0.103231609	2.76164E-89
ENSG00000136720	HS6ST1	0.321281532	0.103221823	6.09992E-87
ENSG00000129347	KRI1	0.32123073	0.103189182	5.00806E-88
ENSG00000101773	RBBP8	0.321215099	0.10317914	3.0812E-89
ENSG00000105669	COPE	0.321208368	0.103174816	5.16007E-88
ENSG00000254429	AP001972.1	0.32120382	0.103171894	5.19155E-88
ENSG00000204983	PRSS1	0.32119991	0.103169382	1.2061E-90
ENSG00000250731	TPM3P6	0.321165411	0.103147221	5.46512E-88
ENSG00000127366	TAS2R5	0.321122838	0.103119877	3.48681E-89
ENSG00000199370	U3	0.321006219	0.103044993	1.56459E-90
ENSG00000127418	FGFRL1	0.320892458	0.10297197	7.87042E-88
ENSG00000175106	TVP23C	0.320888536	0.102969452	1.83242E-90
ENSG00000258875	AL135818.1	0.320851807	0.102945882	1.08166E-86
ENSG00000091527	CDV3	0.320825208	0.102928814	8.6099E-88
ENSG00000256667	KLRA1P	0.320819116	0.102924905	8.68022E-88

ENSG00000204241	LINC02731	0.320795719	0.102909893	1.28743E-85
ENSG00000104327	CALB1	0.320709273	0.102854438	1.0051E-87
ENSG00000152520	PAN3	0.320685862	0.102839422	1.037E-87
ENSG00000167613	LAIR1	0.320657105	0.102820979	1.54758E-85
ENSG00000138735	PDE5A	0.32058854	0.102777012	7.12991E-89
ENSG00000021300	PLEKHB1	0.320585975	0.102775367	1.18483E-87
ENSG00000159086	PAXBP1	0.320576595	0.102769353	1.19975E-87
ENSG00000133818	RRAS2	0.320538132	0.102744694	2.93207E-90
ENSG00000228452	AC098484.1	0.320521187	0.102733832	7.80189E-89
ENSG00000167778	SPRYD3	0.320497206	0.102718459	1.33375E-87
ENSG00000129250	KIF1C	0.320475752	0.102704708	1.78422E-86
ENSG00000269050	AC011455.1	0.320300986	0.102592721	1.04716E-88
ENSG00000203780	FANK1	0.320294795	0.102588756	1.74682E-87
ENSG00000197549	PRAMENP	0.320279514	0.102578967	2.55369E-85
ENSG00000134827	TCN1	0.320141569	0.102490624	2.98505E-84

ENSG00000141337	ARSG	0.320141257	0.102490425	2.63222E-83
ENSG00000225931	AL139246.2	0.320138808	0.102488856	2.15025E-87
ENSG00000162910	MRPL55	0.320117101	0.102474958	5.15362E-90
ENSG00000052795	FNIP2	0.320111068	0.102471096	2.23116E-87
ENSG00000198865	CCDC152	0.319975195	0.102384125	1.61777E-88
ENSG00000214293	APTR	0.319972725	0.102382545	1.62311E-88
ENSG00000164609	SLU7	0.319971943	0.102382044	1.62481E-88
ENSG00000132471	WBP2	0.319961785	0.102375544	1.64698E-88
ENSG00000124496	TRERF1	0.319831205	0.102292	3.23801E-87
ENSG00000146700	SSC4D	0.319759483	0.102246127	2.15706E-88
ENSG00000135114	OASL	0.31972976	0.102227119	3.70566E-87
ENSG00000197324	LRP10	0.319723042	0.102222823	3.73891E-87
ENSG00000165995	CACNB2	0.319708157	0.102213306	3.81364E-87
ENSG00000254505	CHMP4A	0.319562928	0.102120465	1.0812E-89
ENSG00000141404	GNAL	0.319559523	0.102118289	6.43521E-84

ENSG00000164331	ANKRA2	0.319501567	0.102081252	1.17353E-89
ENSG00000189114	BLOC1S3	0.319416196	0.102026706	1.31521E-89
ENSG00000173535	TNFRSF10C	0.319341077	0.101978724	3.76635E-88
ENSG00000141977	CIB3	0.319332845	0.101973466	3.80785E-88
ENSG00000185068	N.A.	0.319320684	0.101965699	8.26227E-86
ENSG00000001084	GCLC	0.31931615	0.101962804	8.31201E-86
ENSG00000125817	CENPB	0.3193147	0.101961878	8.32798E-86
ENSG00000138796	HADH	0.319299818	0.101952374	6.56018E-87
ENSG00000180875	GREM2	0.319262772	0.101928717	6.8908E-87
ENSG00000011260	UTP18	0.319227871	0.101906434	9.34237E-86
ENSG00000090470	PDCD7	0.319224689	0.101904402	1.69816E-89
ENSG00000051108	HERPUD1	0.319107325	0.101829485	5.14024E-88
ENSG00000197580	BCO2	0.319071954	0.101806912	8.8759E-87
ENSG00000173825	TIGD3	0.31906966	0.101805448	1.15178E-85
ENSG00000150433	TMEM218	0.319065305	0.101802669	1.15843E-85

ENSG00000146054	TRIM7	0.318945193	0.101726036	1.05003E-86
ENSG00000135631	RAB11FIP5	0.318939144	0.101722177	6.42811E-88
ENSG00000248367	AC008610.1	0.318880639	0.101684862	1.14383E-86
ENSG00000159189	C1QC	0.31886689	0.101676093	1.16486E-86
ENSG0000020256	ZFP64	0.318857809	0.101670302	7.16175E-88
ENSG00000198740	ZNF652	0.318849976	0.101665307	1.68957E-84
ENSG00000100445	SDR39U1	0.318843541	0.101661204	1.20146E-86
ENSG00000102854	MSLN	0.318822649	0.101647882	1.23518E-86
ENSG00000139921	TMX1	0.318703904	0.101572178	8.78607E-88
ENSG00000158488	CD1E	0.318675703	0.101554203	9.12128E-88
ENSG00000100997	ABHD12	0.318648658	0.101536967	1.55529E-86
ENSG00000076944	STXBP2	0.318562766	0.101482236	1.05964E-87
ENSG00000010539	ZNF200	0.318541017	0.10146838	1.09067E-87
ENSG00000251429	AIDAP2	0.318464747	0.101419795	1.20681E-87
ENSG00000073331	ALPK1	0.318458298	0.101415687	2.58311E-85

ENSG00000259704	AC124248.1	0.318454241	0.101413104	2.0117E-86
ENSG00000177590	GIMAP3P	0.318389809	0.10137207	2.19068E-86
ENSG00000228382	ITPKB-IT1	0.318354013	0.101349277	2.29689E-86
ENSG00000138411	HECW2	0.318326168	0.101331549	2.38304E-86
ENSG00000141510	TP53	0.318319815	0.101327505	1.46256E-87
ENSG00000160014	CALM3	0.31827786	0.101300796	2.54023E-86
ENSG00000177398	UMODL1	0.318269977	0.101295779	2.56684E-86
ENSG00000196670	ZFP62	0.318268726	0.101294982	1.56505E-87
ENSG00000100804	PSMB5	0.31825522	0.101286385	1.59332E-87
ENSG00000203326	ZNF525	0.318233193	0.101272365	3.8056E-84
ENSG00000153487	ING1	0.318128944	0.101206025	1.88354E-87
ENSG00000197467	COL13A1	0.318121843	0.101201507	4.25943E-83
ENSG00000233236	LINC02573	0.318099546	0.101187321	3.21531E-86
ENSG00000171840	NINJ2	0.318098643	0.101186747	3.21915E-86
ENSG00000255837	TAS2R20	0.318083349	0.101177017	2.00081E-87

ENSG00000250138	AC139495.2	0.318080454	0.101175175	1.67464E-79
ENSG00000170458	CD14	0.318058414	0.101161155	2.068E-87
ENSG00000152234	ATP5F1A	0.318048156	0.10115463	2.09629E-87
ENSG00000185033	SEMA4B	0.317997546	0.101122439	2.2416E-87
ENSG00000075131	TIPIN	0.317985245	0.101114616	3.73933E-86
ENSG00000075142	SRI	0.317924591	0.101076046	2.46892E-87
ENSG00000175287	PHYHD1	0.317875344	0.101044734	4.32328E-86
ENSG00000100097	LGALS1	0.317809372	0.101002797	2.87564E-87
ENSG00000143756	FBXO28	0.317779555	0.100983845	1.16103E-88
ENSG00000125869	LAMP5	0.317709189	0.100939128	5.38318E-86
ENSG00000108479	GALK1	0.317685934	0.100924353	3.38573E-87
ENSG00000119537	KDSR	0.317682875	0.100922409	3.39946E-87
ENSG00000112130	RNF8	0.317671125	0.100914944	7.68639E-83
ENSG00000154734	ADAMTS1	0.317602817	0.10087155	6.19397E-86
ENSG00000105486	LIG1	0.317598748	0.100868965	6.22729E-86

ENSG00000170634	ACYP2	0.317591598	0.100864423	3.83556E-87
ENSG00000205710	C17orf107	0.317578454	0.100856074	1.51584E-88
ENSG00000197353	LYPD2	0.317565455	0.100847818	1.54219E-88
ENSG00000232098	AC012313.1	0.317540556	0.100832005	4.1033E-87
ENSG00000100664	EIF5	0.317359551	0.100717084	1.09766E-84
ENSG00000268804	LINC02132	0.31728997	0.100672925	2.22143E-88
ENSG00000197681	N.A.	0.317287657	0.100671457	9.38315E-86
ENSG00000259658	AC027559.1	0.317239056	0.100640618	6.11102E-87
ENSG00000082512	TRAF5	0.317222598	0.100630177	1.02225E-85
ENSG00000185880	TRIM69	0.317217239	0.100626777	6.28959E-87
ENSG00000269893	SNHG8	0.317193338	0.100611613	1.0624E-85
ENSG00000093144	ECHDC1	0.317103274	0.100554486	1.19613E-85
ENSG00000260948	AL390195.2	0.317004358	0.100491763	3.24173E-88
ENSG00000133247	KMT5C	0.317000065	0.100489041	1.37012E-85
ENSG00000148841	ITPRIP	0.316959423	0.100463276	8.83829E-87

ENSG00000221944	TIGD1	0.316958485	0.100462681	3.44448E-88
ENSG00000254595	AC084337.1	0.31671164	0.100306263	1.22525E-86
ENSG00000223705	NSUN5P1	0.31670663	0.100303089	1.23337E-86
ENSG00000163519	TRAT1	0.316657227	0.1002718	1.31631E-86
ENSG00000139428	MMAB	0.316547505	0.100202323	1.52097E-86
ENSG00000141485	SLC13A5	0.316367435	0.100088354	1.92779E-86
ENSG00000076242	MLH1	0.316328014	0.100063413	3.31312E-85
ENSG00000100029	PES1	0.316296187	0.100043278	3.4544E-85
ENSG00000092929	UNC13D	0.316229329	0.100000989	2.31187E-86
ENSG00000187446	CHP1	0.316158761	0.099956362	2.53667E-86
ENSG00000134909	ARHGAP32	0.316150411	0.099951082	4.18228E-85
ENSG00000091592	NLRP1	0.316136095	0.099942031	5.93084E-83
ENSG00000250892	AC108475.1	0.316106864	0.09992355	1.06024E-87
ENSG00000111664	GNB3	0.316086253	0.099910519	4.5493E-85
ENSG00000131378	RFTN1	0.316077347	0.09990489	5.89277E-84

ENSG0000075914	EXOSC7	0.316061199	0.099894682	4.70119E-85
ENSG00000234323	LINC01505	0.316027977	0.099873682	4.91043E-85
ENSG0000034239	EFCAB1	0.315951607	0.099825418	5.42729E-85
ENSG0000070404	FSTL3	0.315935094	0.099814984	7.09688E-84
ENSG00000144867	SRPRB	0.315934245	0.099814447	3.4073E-86
ENSG00000218227	AC136632.1	0.31583597	0.09975236	3.87674E-86
ENSG00000082701	GSK3B	0.315797637	0.099728147	6.64005E-85
ENSG00000260261	AC124944.2	0.315769384	0.099710304	8.81199E-84
ENSG00000267366	AP005131.2	0.315705373	0.099669882	9.58012E-84
ENSG00000142192	APP	0.315684282	0.099656566	7.70233E-85
ENSG00000135956	TMEM127	0.315644522	0.099631464	1.94905E-87
ENSG00000205085	FAM71F2	0.315590548	0.099597394	5.35014E-86
ENSG00000121989	ACVR2A	0.315560478	0.099578415	2.1769E-87
ENSG00000214253	FIS1	0.315524498	0.099555709	5.83435E-86
ENSG00000258634	AL160006.1	0.315419142	0.099489235	1.39176E-83

ENSG0000077420	APBB1IP	0.315406175	0.099481055	2.66656E-87
ENSG00000188690	UROS	0.31540285	0.099478958	6.84335E-86
ENSG00000127364	TAS2R4	0.315240604	0.099376638	3.31468E-87
ENSG00000140650	PMM2	0.315220347	0.099363867	8.69239E-86
ENSG00000226380	AC016831.1	0.315215999	0.099361126	8.74205E-86
ENSG00000254986	DPP3	0.315141126	0.09931393	9.64283E-86
ENSG00000134452	FBH1	0.315107865	0.099292966	2.08808E-83
ENSG00000187650	VMAC	0.315010003	0.099231302	1.14489E-85
ENSG00000186827	TNFRSF4	0.314899314	0.099161578	2.73946E-83
ENSG00000176903	PNMA1	0.314883931	0.09915189	1.35026E-85
ENSG00000179409	GEMIN4	0.314866544	0.099140941	1.38132E-85
ENSG00000131067	GGT7	0.314807481	0.09910375	1.49228E-85
ENSG00000197124	ZNF682	0.314803768	0.099101413	3.35573E-82
ENSG00000089737	DDX24	0.314788553	0.099091833	1.52968E-85
ENSG00000130487	KLHDC7B	0.314769655	0.099079935	3.24286E-83

ENSG0000072840	EVC	0.314745705	0.099064859	3.61826E-82
ENSG00000137103	TMEM8B	0.314725874	0.099052376	2.69408E-84
ENSG00000184985	SORCS2	0.314668353	0.099016173	4.00006E-82
ENSG00000172667	ZMAT3	0.314641751	0.098999432	1.85336E-85
ENSG00000090006	LTBP4	0.314633096	0.098993985	7.35573E-87
ENSG00000197381	ADARB1	0.314617497	0.098984169	3.95237E-83
ENSG00000163466	ARPC2	0.314613658	0.098981754	7.54552E-87
ENSG00000163430	FSTL1	0.314547532	0.09894015	4.32864E-83
ENSG00000152056	AP1S3	0.314488408	0.098902959	8.89111E-87
ENSG00000214954	LRRC69	0.31445221	0.098880193	2.37419E-85
ENSG00000133561	GIMAP6	0.314360166	0.098822314	4.33885E-84
ENSG00000116704	SLC35D1	0.314357313	0.09882052	2.68743E-85
ENSG00000100241	SBF1	0.314338187	0.098808496	5.68146E-83
ENSG00000142197	DOP1B	0.314303311	0.098786571	6.4194E-82
ENSG00000106012	IQCE	0.314246304	0.09875074	5.03213E-84

ENSG00000267216	ZNF8-ERVK3-1	0.31418914	0.098714816	1.31552E-86
ENSG00000245680	ZNF585B	0.314162548	0.098698107	5.61163E-84
ENSG00000148218	ALAD	0.314106279	0.098662755	8.28422E-82
ENSG00000167740	CYB5D2	0.314104417	0.098661585	3.73826E-85
ENSG00000108639	SYNGR2	0.314100252	0.098658968	7.73715E-83
ENSG00000196169	KIF19	0.314049839	0.098627301	8.26005E-83
ENSG00000128040	SPINK2	0.31404546	0.098624551	8.3071E-83
ENSG00000103051	COG4	0.314040556	0.098621471	4.06295E-85
ENSG00000163320	CGGBP1	0.314020618	0.098608949	1.63991E-86
ENSG00000129277	N.A.	0.313895817	0.098530584	4.90672E-85
ENSG00000161267	BDH1	0.313624666	0.098360431	1.12907E-83
ENSG00000104983	CCDC61	0.313565816	0.098323521	1.54661E-82
ENSG00000116016	EPAS1	0.313526243	0.098298705	7.94019E-85
ENSG00000173811	CCDC13-AS1	0.313417421	0.09823048	9.14799E-85
ENSG00000112290	WASF1	0.313359361	0.098194089	9.86562E-85

ENSG00000111181	SLC6A12	0.31330005	0.098156921	2.18137E-82
ENSG00000155761	SPAG17	0.313292425	0.098152144	1.07629E-84
ENSG00000170049	KCNAB3	0.313251919	0.098126765	4.47367E-86
ENSG00000227550	TRBV7-5	0.313251333	0.098126398	4.47709E-86
ENSG00000185127	C6orf120	0.313206792	0.098098495	1.20303E-84
ENSG00000119681	LTBP2	0.313162052	0.098070471	2.05758E-83
ENSG00000245648	KLRK1-AS1	0.313084967	0.098022196	3.09733E-81
ENSG00000197646	PDCD1LG2	0.313031768	0.097988888	3.08556E-82
ENSG00000198150	N.A.	0.312928133	0.097924017	1.72783E-84
ENSG00000262703	AC009121.2	0.312831569	0.09786359	3.99591E-82
ENSG00000157837	SPPL3	0.312822844	0.097858132	7.82313E-86
ENSG00000115290	GRB14	0.312810556	0.097850444	2.01274E-84
ENSG00000073008	PVR	0.312795997	0.097841336	4.49387E-81
ENSG00000215045	GRID2IP	0.312774106	0.097827641	4.30356E-82
ENSG00000228223	HCG11	0.312732269	0.097801472	3.58983E-83

ENSG00000163131	CTSS	0.312657455	0.097754684	3.95465E-83
ENSG00000182218	HHIPL1	0.312639149	0.097743238	4.04941E-83
ENSG00000259820	AC083843.2	0.312572148	0.097701347	4.41595E-83
ENSG00000120832	MTERF2	0.312552006	0.097688756	4.53248E-83
ENSG00000002587	HS3ST1	0.312537217	0.097679512	2.86927E-84
ENSG00000161243	FBXO27	0.312529828	0.097674894	2.89689E-84
ENSG00000236255	AC009404.1	0.312496004	0.097653753	6.16055E-82
ENSG00000260231	KDM7A-DT	0.31246885	0.097636782	3.13517E-84
ENSG00000254838	GVINP1	0.312363959	0.097571243	3.59163E-84
ENSG00000163378	EOGT	0.312313061	0.097539448	3.83643E-84
ENSG00000101216	GMEB2	0.312234402	0.097490322	4.24787E-84
ENSG00000073614	KDM5A	0.312219262	0.097480868	8.79996E-82
ENSG00000135424	ITGA7	0.312156756	0.09744184	7.55293E-83
ENSG00000258704	SRP54-AS1	0.312079741	0.097393765	5.18948E-84
ENSG00000164032	H2AZ1	0.31204137	0.097369817	5.45366E-84

ENSG00000177963	RIC8A	0.311979169	0.097331002	5.91069E-84
ENSG00000214402	LCNL1	0.311914014	0.097290352	6.43042E-84
ENSG00000145495	MARCHF6	0.311845623	0.097247693	2.78398E-85
ENSG00000186638	KIF24	0.311804828	0.097222251	7.4055E-84
ENSG00000127022	CANX	0.3117687	0.097199723	7.75955E-84
ENSG00000204516	MICB	0.31175854	0.097193387	1.59192E-81
ENSG00000157800	SLC37A3	0.311750458	0.097188348	7.94469E-84
ENSG00000133619	KRBA1	0.311630174	0.097113365	1.87744E-81
ENSG00000136059	VILL	0.311434246	0.09699129	4.74367E-85
ENSG00000177683	THAP5	0.311427781	0.096987263	1.20528E-83
ENSG00000123159	GIPC1	0.311421806	0.096983541	1.94803E-82
ENSG00000092871	RFFL	0.311400259	0.096970122	1.24887E-83
ENSG00000267352	SH3GL1P3	0.311360465	0.096945339	2.65449E-81
ENSG00000186111	PIP5K1C	0.311360002	0.096945051	2.10933E-82
ENSG00000238241	CCR12P	0.311328306	0.096925314	1.3704E-83

ENSG00000127666	TICAM1	0.311317757	0.096918746	1.38918E-83
ENSG00000151689	INPP1	0.311184332	0.096835688	1.65009E-83
ENSG00000126934	MAP2K2	0.311104209	0.096785829	1.82968E-83
ENSG00000169885	CALML6	0.311097583	0.096781706	1.84538E-83
ENSG00000168060	NAALADL1	0.311088028	0.096775761	1.86825E-83
ENSG00000151164	RAD9B	0.311025784	0.096737038	8.04558E-85
ENSG00000177613	CSTF2T	0.310993594	0.096717015	4.2767E-79
ENSG00000185909	KLHDC8B	0.310990737	0.096715238	4.26499E-81
ENSG00000155465	SLC7A7	0.310973967	0.096704808	4.38503E-79
ENSG00000099904	ZDHHC8	0.310824425	0.096611823	2.62388E-83
ENSG00000114491	UMPS	0.310791411	0.096591301	2.73784E-83
ENSG00000261438	AL157394.1	0.310747003	0.0965637	4.63829E-82
ENSG00000197763	TXNRD3	0.31065873	0.096508846	5.19481E-82
ENSG00000269044	AC024075.2	0.3106561	0.096507213	6.5471E-81
ENSG00000124783	SSR1	0.310641351	0.096498049	6.698E-79

ENSG00000270107	N.A.	0.310532774	0.096430604	6.10605E-82
ENSG00000134247	PTGFRN	0.310437129	0.096371211	6.90297E-82
ENSG00000184811	TRARG1	0.31031081	0.096292799	5.08067E-83
ENSG00000110025	SNX15	0.310195401	0.096221187	2.34899E-84
ENSG00000243264	IGKV2D-29	0.310144743	0.096189762	2.50738E-84
ENSG00000165071	TMEM71	0.310095426	0.096159174	1.34083E-78
ENSG00000126858	RHOT1	0.310095125	0.096158987	6.70287E-83
ENSG00000227495	KIF1C-AS1	0.310091878	0.096156973	1.34687E-80
ENSG00000113269	RNF130	0.310073162	0.096145366	6.8946E-83
ENSG00000166664	CHRFAM7A	0.310033819	0.096120969	1.45052E-80
ENSG00000234553	AC022431.1	0.309983862	0.096089995	1.54487E-78
ENSG00000164296	TIGD6	0.309873207	0.096021404	1.42149E-81
ENSG00000236056	GAPDHP14	0.309854769	0.096009978	1.45542E-81
ENSG00000235560	AC002310.1	0.309797608	0.095974558	9.81957E-83
ENSG00000166228	PCBD1	0.309751115	0.095945753	1.66178E-81

ENSG00000233527	ZNF529-AS1	0.309721217	0.095927232	4.32442E-84
ENSG00000134548	SPX	0.309685324	0.095905	1.80763E-81
ENSG00000168397	ATG4B	0.309661873	0.095890476	2.33137E-80
ENSG00000136271	DDX56	0.309640776	0.09587741	4.79559E-84
ENSG00000212916	MAP10	0.309629016	0.095870127	1.94255E-81
ENSG00000162194	LBHD1	0.309615853	0.095861976	1.23967E-82
ENSG00000111252	SH2B3	0.309596088	0.095849738	1.27147E-82
ENSG00000144566	RAB5A	0.309590361	0.095846192	1.28084E-82
ENSG00000100292	HMOX1	0.309583069	0.095841677	1.29286E-82
ENSG0000023608	SNAPC1	0.309573407	0.095835695	2.08564E-81
ENSG00000176268	CYCSP34	0.309564311	0.095830063	1.32432E-82
ENSG00000204536	CCHCR1	0.30952434	0.095805317	1.39392E-82
ENSG00000128989	ARPP19	0.309504088	0.095792781	1.43056E-82
ENSG00000128833	MYO5C	0.309454064	0.095761818	2.4292E-81
ENSG00000135828	RNASEL	0.309439763	0.095752967	2.47398E-81

ENSG00000119865	CNRIP1	0.309354131	0.095699979	1.73349E-82
ENSG00000197019	SERTAD1	0.309301407	0.095667361	2.95207E-81
ENSG00000249096	LINC02362	0.309294045	0.095662806	1.87211E-82
ENSG00000155256	ZFYVE27	0.309281697	0.095655168	7.6061E-84
ENSG00000197302	ZNF720	0.309266792	0.095645949	1.93857E-82
ENSG00000067167	TRAM1	0.309262799	0.095643479	1.9485E-82
ENSG00000111961	SASH1	0.309078984	0.095529818	5.19179E-79
ENSG00000187595	ZNF385C	0.309070418	0.095524523	2.49232E-82
ENSG00000244045	TMEM199	0.309068483	0.095523327	9.99942E-84
ENSG00000213889	PPM1N	0.309051579	0.095512878	4.06043E-81
ENSG00000141258	SGSM2	0.308978982	0.095468012	2.80147E-82
ENSG00000260563	AC132872.1	0.308927703	0.095436326	2.99128E-82
ENSG00000167515	TRAPPC2L	0.308896765	0.095417211	1.24622E-83
ENSG00000147872	PLIN2	0.308870084	0.095400729	5.11757E-81
ENSG00000172379	ARNT2	0.308850574	0.095388677	3.30118E-82

ENSG00000223768	LINC00205	0.308841836	0.09538328	6.62082E-80
ENSG00000259330	INAFM2	0.30883577	0.095379533	3.36423E-82
ENSG00000162543	UBXN10	0.308784817	0.095348063	7.11829E-80
ENSG00000198929	NOS1AP	0.308745385	0.095323713	3.77605E-82
ENSG00000117410	ATP6V0B	0.308737553	0.095318877	3.81401E-82
ENSG00000176209	SMIM19	0.308642233	0.095260028	4.30775E-82
ENSG00000205978	NYNRIN	0.308630579	0.095252834	4.37233E-82
ENSG00000185262	UBALD2	0.308624714	0.095249214	8.72341E-80
ENSG00000166974	MAPRE2	0.308544788	0.095199886	7.74457E-81
ENSG00000146243	IRAK1BP1	0.308532931	0.09519257	4.9528E-82
ENSG00000137074	APTX	0.308530683	0.095191182	4.96703E-82
ENSG00000233547	AL158212.2	0.308524536	0.095187389	2.00743E-83
ENSG00000183562	AC131971.1	0.308498633	0.095171407	2.0751E-83
ENSG00000168906	MAT2A	0.308489878	0.095166005	1.03518E-79
ENSG00000152133	GPATCH11	0.308488743	0.095165304	8.31715E-81

ENSG00000248727	LINC01948	0.308452238	0.095142783	5.49E-82
ENSG0000073910	FRY	0.308409466	0.095116399	1.21237E-78
ENSG00000182685	BRICD5	0.308331123	0.095068081	2.57103E-83
ENSG00000100280	AP1B1	0.308275109	0.095033543	6.88161E-82
ENSG00000133243	BTBD2	0.308271098	0.09503107	1.097E-80
ENSG00000204520	MICA	0.308229048	0.095005146	7.29784E-82
ENSG00000115568	ZNF142	0.30822102	0.095000197	7.37291E-82
ENSG00000091513	TF	0.308216798	0.094997595	1.46364E-79
ENSG00000136628	EPRS1	0.30819709	0.094985446	7.60128E-82
ENSG00000112096	SOD2	0.308181077	0.094975576	7.75801E-82
ENSG00000258230	AC063950.1	0.308099449	0.094925271	8.60851E-82
ENSG00000145365	TIFA	0.308073045	0.094909001	8.90304E-82
ENSG00000175048	ZDHHC14	0.308034486	0.094885245	1.84401E-79
ENSG00000169169	CPT1C	0.307969149	0.094844997	1.61005E-80
ENSG00000228314	CYP4F29P	0.307967669	0.094844085	1.97676E-77

ENSG00000140395	WDR61	0.307947887	0.094831901	4.19568E-83
ENSG0000063245	EPN1	0.307907398	0.094806966	1.09942E-81
ENSG00000121236	TRIM6	0.307818234	0.094752065	2.3859E-77
ENSG00000233488	N.A.	0.307744724	0.094706815	2.14074E-80
ENSG00000169689	CENPX	0.307562373	0.094594613	6.86186E-83
ENSG00000230869	AGAP10P	0.307522419	0.094570038	2.91843E-76
ENSG00000162804	SNED1	0.307520584	0.09456891	3.53334E-79
ENSG00000213930	GALT	0.307511356	0.094563234	1.81962E-81
ENSG00000155016	CYP2U1	0.307497856	0.094554932	2.92773E-80
ENSG00000204060	FOXO6	0.307487154	0.09454835	1.87647E-81
ENSG00000105383	CD33	0.307478512	0.094543035	3.0004E-80
ENSG00000108883	EFTUD2	0.307284756	0.094423921	2.42677E-81
ENSG00000164663	USP49	0.307170931	0.094353981	1.12989E-82
ENSG00000170442	KRT86	0.307149459	0.09434079	5.94483E-78
ENSG00000099308	MAST3	0.307146849	0.094339187	2.89119E-81

ENSG00000091490	SEL1L3	0.307143278	0.094336993	5.6908E-79
ENSG00000149294	NCAM1	0.307070424	0.094292246	1.28409E-82
ENSG00000157796	WDR19	0.307055493	0.094283076	3.24662E-81
ENSG00000164219	PGGT1B	0.307049519	0.094279407	5.16565E-80
ENSG00000117500	TMED5	0.307040611	0.094273937	1.33374E-82
ENSG00000175782	SLC35E3	0.307038669	0.094272744	3.31668E-81
ENSG00000203865	ATP1A1-AS1	0.307026953	0.09426555	1.35712E-82
ENSG00000090487	SPG21	0.307025485	0.094264648	5.32515E-80
ENSG00000178397	FAM220A	0.306997751	0.094247619	5.51531E-80
ENSG00000143344	RGL1	0.30691579	0.094197302	6.11778E-80
ENSG00000119471	HSDL2	0.306875777	0.094172742	6.4353E-80
ENSG00000198951	NAGA	0.306858718	0.094162273	4.16708E-81
ENSG00000262728	AC123768.2	0.30684149	0.0941517	8.32738E-79
ENSG00000156515	HK1	0.306816036	0.09413608	8.40052E-77
ENSG00000169962	TAS1R3	0.306781951	0.094115165	1.85328E-82

ENSG00000165795	NDRG2	0.30670934	0.094070619	1.03399E-77
ENSG00000116128	BCL9	0.306609608	0.094009452	5.71403E-81
ENSG00000100068	LRP5L	0.306585862	0.093994891	9.28293E-80
ENSG00000135821	GLUL	0.306575466	0.093988516	9.40562E-80
ENSG00000113494	PRLR	0.306574051	0.093987649	9.42244E-80
ENSG00000249978	TRGV7	0.306565878	0.093982638	1.1785E-78
ENSG00000130720	FIBCD1	0.306533382	0.093962714	9.91902E-80
ENSG00000134987	WDR36	0.306428941	0.093898696	1.1317E-79
ENSG00000114473	IQCG	0.306412143	0.093888401	7.33723E-81
ENSG00000107745	MICU1	0.306388396	0.093873849	7.5611E-81
ENSG00000261211	AL031123.2	0.30638144	0.093869587	3.08228E-82
ENSG00000187037	GPR141	0.306369718	0.093862404	7.74197E-81
ENSG00000196648	N.A.	0.306311861	0.093826956	1.62251E-78
ENSG00000089902	RCOR1	0.306195229	0.093755518	1.51982E-79
ENSG00000057294	PKP2	0.306171813	0.093741179	9.94442E-81

ENSG00000180881	CAPS2	0.305964989	0.093614574	5.22673E-82
ENSG00000227218	AL157935.1	0.305961118	0.093612206	1.2979E-80
ENSG00000130038	CRACR2A	0.30595266	0.09360703	2.67177E-77
ENSG00000103507	BCKDK	0.305926319	0.093590912	1.35624E-80
ENSG00000103275	UBE2I	0.305811657	0.093520769	3.04239E-78
ENSG00000138036	DYNC2L1	0.305802686	0.093515283	1.58544E-80
ENSG00000265139	AC005899.3	0.305757761	0.093487808	1.67797E-80
ENSG00000100285	NEFH	0.305752402	0.093484531	1.68936E-80
ENSG00000267475	AC008736.1	0.305701444	0.093453373	1.8016E-80
ENSG00000152213	ARL11	0.305686179	0.09344404	3.56139E-78
ENSG00000110077	MS4A6A	0.305581125	0.093379824	2.097E-80
ENSG00000243477	NAA80	0.305493481	0.093326267	9.49419E-82
ENSG00000117682	DHDDS	0.305468587	0.093311057	2.41682E-80
ENSG00000158710	TAGLN2	0.305433699	0.093289744	3.96492E-79
ENSG00000265752	AC010754.1	0.305387234	0.093261363	2.67788E-80

ENSG00000198265	HELZ	0.305385283	0.093260171	2.68448E-80
ENSG00000102543	CDADC1	0.30533707	0.093230726	2.85268E-80
ENSG00000169583	CLIC3	0.305317882	0.093219009	1.18543E-81
ENSG00000259806	N.A.	0.305297982	0.093206858	2.99673E-80
ENSG00000231560	CLEC12A-AS1	0.305274683	0.093192632	4.84211E-79
ENSG00000177614	PGBD5	0.305201344	0.093147861	6.83797E-77
ENSG00000224848	AL589843.1	0.305199623	0.09314681	1.37649E-81
ENSG00000051523	CYBA	0.305184544	0.093137606	6.6795E-78
ENSG00000265148	TSPOAP1-AS1	0.305106046	0.093089699	3.81639E-80
ENSG00000238243	OR2W3	0.305094817	0.093082847	7.47378E-78
ENSG00000260145	AC023825.2	0.305052639	0.093057113	7.87901E-78
ENSG00000185201	IFITM2	0.304998309	0.093023968	8.81067E-77
ENSG00000018510	AGPS	0.304973397	0.093008773	4.50999E-80
ENSG00000028137	TNFRSF1B	0.304939062	0.092987831	9.08244E-78
ENSG00000120875	DUSP4	0.304936873	0.092986497	2.6035E-69

ENSG0000081791	DELE1	0.304918701	0.092975414	9.73076E-77
ENSG00000115257	PCSK4	0.304878682	0.09295101	5.08086E-80
ENSG00000105281	SLC1A5	0.304790732	0.09289739	8.88923E-79
ENSG00000162878	PKDCC	0.30466761	0.092822352	1.0373E-78
ENSG00000197841	ZNF181	0.304631158	0.092800143	6.93609E-80
ENSG00000170485	NPAS2	0.304609146	0.092786732	1.43138E-76
ENSG00000135525	MAP7	0.304597739	0.092779783	2.94172E-81
ENSG00000087266	SH3BP2	0.304584344	0.092771623	1.4152E-77
ENSG00000228549	BX284668.2	0.304520031	0.092732449	1.59944E-76
ENSG00000260401	AP002761.4	0.304484094	0.092710564	8.34385E-80
ENSG00000096063	SRPK1	0.304432168	0.092678945	8.90617E-80
ENSG00000163156	SCNM1	0.304404373	0.092662022	9.22254E-80
ENSG00000260279	AC137932.1	0.304403511	0.092661498	1.4441E-78
ENSG00000211649	IGLV7-46	0.304224853	0.092552761	1.80599E-78
ENSG00000140988	RPS2	0.304206983	0.092541888	1.84682E-78

ENSG00000174529	TMEM81	0.304160417	0.092513559	5.10225E-81
ENSG00000143452	HORMAD1	0.304114473	0.092485612	1.32697E-79
ENSG00000168071	CCDC88B	0.304106803	0.092480948	1.3398E-79
ENSG00000175115	PACS1	0.304037409	0.092438746	2.28316E-78
ENSG00000139620	KANSL2	0.304033585	0.092436421	5.98474E-81
ENSG00000171596	NMUR1	0.304009151	0.092421564	1.51433E-79
ENSG00000086506	HBQ1	0.30383048	0.09231296	3.62466E-77
ENSG00000196456	ZNF775	0.303801321	0.092295243	3.06671E-78
ENSG00000172716	SLFN11	0.303739208	0.092257506	4.22349E-76
ENSG00000168679	SLC16A4	0.303720445	0.092246109	3.39266E-78
ENSG00000112078	KCTD20	0.303693139	0.092229522	2.25002E-79
ENSG00000164081	TEX264	0.303666657	0.092213438	4.44494E-77
ENSG00000153531	ADPRHL1	0.30363027	0.092191341	3.79696E-78
ENSG00000211970	IGHV4-61	0.303591762	0.092167958	1.04262E-80
ENSG00000117242	PINK1-AS	0.30344601	0.092079481	3.0656E-79

ENSG00000171462	DLK2	0.303323146	0.092004931	3.5748E-79
ENSG00000139719	VPS33A	0.303322472	0.092004522	1.46171E-80
ENSG00000150637	CD226	0.303291434	0.091985694	3.71939E-79
ENSG00000238109	RNF14P3	0.303256869	0.091964729	1.58703E-80
ENSG00000184787	UBE2G2	0.303196926	0.091928376	6.5187E-78
ENSG00000169981	ZNF35	0.303124802	0.091884646	8.71958E-77
ENSG00000196876	SCN8A	0.303098552	0.091868732	1.93533E-80
ENSG00000214688	C10orf105	0.303078177	0.091856382	7.55808E-78
ENSG00000157778	PSMG3	0.302963243	0.091786727	8.72107E-78
ENSG00000160360	GPSM1	0.302845685	0.091715509	1.27826E-75
ENSG00000237190	CDKN2AIPNL	0.302842271	0.091713441	2.66766E-80
ENSG00000070061	ELP1	0.302828599	0.091705161	1.25948E-76
ENSG00000172456	FGGY	0.302772413	0.091671134	1.28141E-74
ENSG00000087250	MT3	0.302741874	0.091652642	7.38819E-79
ENSG00000151240	DIP2C	0.302698088	0.091626132	7.80294E-79

ENSG00000226450	CYP2D8P	0.302650826	0.091597522	8.2767E-79
ENSG00000184465	WDR27	0.302522323	0.091519756	9.71482E-79
ENSG00000104343	UBE2W	0.302518642	0.091517529	9.7595E-79
ENSG00000133884	DPF2	0.302475721	0.091491562	1.59923E-77
ENSG00000167083	GNGT2	0.302444831	0.091472876	4.38528E-80
ENSG00000167136	ENDOG	0.302436363	0.091467754	4.43193E-80
ENSG00000214279	SCART1	0.302429899	0.091463844	1.69292E-77
ENSG00000224186	C5orf66	0.3023867	0.091437716	1.70606E-73
ENSG00000135535	CD164	0.302370641	0.091428005	2.22191E-76
ENSG00000170271	FAXDC2	0.302326226	0.091401147	1.24035E-78
ENSG00000141568	FOXK2	0.302274888	0.091370108	2.36525E-74
ENSG00000116031	CD207	0.30224044	0.091349283	2.14199E-77
ENSG00000073578	SDHA	0.302155279	0.091297812	2.3808E-77
ENSG00000171643	S100Z	0.30209808	0.09126325	2.55592E-77
ENSG00000143434	SEMA6C	0.302039236	0.0912277	1.7729E-78

ENSG00000179954	SSC5D	0.30203428	0.091224706	2.76643E-77
ENSG00000260257	AL035071.1	0.302029068	0.091221558	1.79547E-78
ENSG00000187097	ENTPD5	0.30198279	0.091193606	2.94885E-77
ENSG00000172269	DPAGT1	0.301979439	0.091191581	7.84045E-80
ENSG00000167685	ZNF444	0.301962557	0.091181386	8.00729E-80
ENSG00000130158	DOCK6	0.301948122	0.091172668	3.07839E-77
ENSG00000162600	OMA1	0.301918044	0.091154505	2.06132E-78
ENSG00000165487	MICU2	0.301863095	0.091121328	3.42061E-77
ENSG00000108179	PPIF	0.30185726	0.091117806	3.44543E-77
ENSG00000166359	WDR88	0.301854598	0.091116198	9.16121E-80
ENSG00000173511	VEGFB	0.301853114	0.091115302	3.46319E-77
ENSG00000180730	SHISA2	0.301835718	0.091104801	4.30646E-76
ENSG00000163644	PPM1K	0.301639133	0.090986167	2.91525E-78
ENSG00000238278	ALG1L6P	0.30163853	0.090985803	2.91744E-78
ENSG00000185664	PMEL	0.301603886	0.090964904	3.04571E-78

ENSG00000160190	SLC37A1	0.301552769	0.090934073	5.74482E-74
ENSG00000146733	PSPH	0.301488806	0.0908955	3.51351E-78
ENSG00000149547	EI24	0.301485701	0.090893628	5.45894E-77
ENSG00000221923	ZNF880	0.301460071	0.090878175	7.06361E-75
ENSG00000165092	ALDH1A1	0.301360232	0.090817989	4.12132E-78
ENSG00000100714	MTHFD1	0.301199795	0.090721317	5.02868E-78
ENSG00000249806	AC139720.1	0.301188569	0.090714554	5.09916E-78
ENSG00000137804	NUSAP1	0.301020416	0.090613291	2.58747E-79
ENSG00000137857	DUOX1	0.301008353	0.090606029	6.3753E-78
ENSG00000103257	SLC7A5	0.300988457	0.090594051	9.44842E-73
ENSG00000095015	MAP3K1	0.300927094	0.090557116	1.32092E-75
ENSG00000172296	SPTLC3	0.300886052	0.090532416	1.30049E-73
ENSG00000107854	TNKS2	0.300873477	0.090524849	1.16354E-76
ENSG00000174307	PHLDA3	0.300856495	0.090514631	7.69457E-78
ENSG00000116962	NID1	0.300777536	0.090467126	1.48514E-73

ENSG00000229808	AL391825.1	0.300724866	0.090435445	9.05622E-78
ENSG00000182612	TSPAN10	0.300660253	0.090396588	1.8866E-74
ENSG00000131591	C1orf159	0.300654879	0.090393356	1.52384E-76
ENSG00000237989	LINC01679	0.300632588	0.090379953	1.89786E-75
ENSG00000107018	RLN1	0.300629452	0.090378068	1.0191E-77
ENSG00000112667	DNPH1	0.300624248	0.090374938	1.02569E-77
ENSG00000255046	AC069185.1	0.300592146	0.090355638	4.40353E-79
ENSG00000148832	PAOX	0.300580494	0.090348633	2.02341E-75
ENSG00000119965	C10orf88	0.300573638	0.090344512	4.5058E-79
ENSG00000254852	NPIPA2	0.300556331	0.090334108	1.11557E-77
ENSG00000211782	TRAV8-1	0.300496676	0.090298252	1.20097E-77
ENSG00000164715	LMTK2	0.300482301	0.090289613	5.04623E-79
ENSG00000121316	PLBD1	0.30047429	0.090284799	1.90393E-76
ENSG00000143376	SNX27	0.300370641	0.090222522	1.40344E-77
ENSG00000138772	ANXA3	0.300340131	0.090204194	1.45736E-77

ENSG00000178636	AC092656.1	0.300301374	0.090180915	1.52884E-77
ENSG00000154310	TNIK	0.30025235	0.090151474	2.82146E-73
ENSG00000175414	ARL10	0.300239135	0.090143538	6.82106E-79
ENSG00000197948	FCHSD1	0.300224347	0.090134659	2.59052E-76
ENSG00000182400	TRAPPC6B	0.300158551	0.090095156	2.80912E-76
ENSG00000122692	SMU1	0.300079137	0.090047489	8.31577E-79
ENSG00000176845	METRNL	0.300064787	0.090038876	3.15277E-76
ENSG00000251288	AC018797.2	0.300059936	0.090035965	8.5158E-79
ENSG00000151553	FAM160B1	0.300007184	0.09000431	2.19845E-77
ENSG00000231826	LINC01819	0.300003913	0.090002348	3.13505E-72
ENSG00000261428	N.A.	0.299954547	0.08997273	2.34597E-77
ENSG00000241057	AC004951.3	0.299950057	0.089970036	2.359E-77
ENSG00000111237	VPS29	0.299944881	0.089966932	9.81897E-79
ENSG00000100697	DICER1	0.29993468	0.089960812	3.70008E-76
ENSG00000197872	CYRIA	0.299810621	0.089886409	4.83539E-73

ENSG00000106290	TAF6	0.299803238	0.089881981	2.82728E-77
ENSG00000137831	UACA	0.299734642	0.089840856	4.73177E-76
ENSG00000143498	TAF1A	0.299701982	0.089821278	1.32595E-78
ENSG00000182307	C8orf33	0.299598173	0.089759066	3.64026E-77
ENSG00000154655	L3MBTL4	0.299580681	0.089748584	3.71955E-77
ENSG00000023041	ZDHHC6	0.299563793	0.089738466	3.79774E-77
ENSG00000258768	AL356019.2	0.299560294	0.08973637	7.07516E-75
ENSG00000103356	EARS2	0.299551819	0.089731292	1.59632E-78
ENSG00000115602	IL1RL1	0.299543267	0.089726169	3.89499E-77
ENSG00000113356	POLR3G	0.29937982	0.089628277	4.76331E-77
ENSG00000106665	CLIP2	0.299361974	0.089617591	9.23202E-74
ENSG00000234614	C2CD4D-AS1	0.299333501	0.089600545	5.04275E-77
ENSG00000184828	ZBTB7C	0.299306089	0.089584135	9.6572E-75
ENSG00000185261	KIAA0825	0.299266795	0.089560614	2.26963E-78
ENSG00000012660	ELOVL5	0.299215678	0.089530022	1.07863E-74

ENSG00000221990	EXOC3-AS1	0.299205872	0.089524154	9.05638E-76
ENSG00000261971	MMP25-AS1	0.299135588	0.0894821	9.87151E-76
ENSG00000111275	ALDH2	0.299116885	0.089470911	1.01005E-75
ENSG00000146416	AIG1	0.299006368	0.089404808	1.42414E-73
ENSG00000168274	N.A.	0.298812189	0.089288724	3.97527E-78
ENSG00000263843	AC022211.2	0.298676761	0.089207807	1.13036E-76
ENSG00000255197	AC090559.1	0.298647061	0.089190067	2.16019E-74
ENSG00000243544	RN7SL172P	0.298645248	0.089188984	1.17494E-76
ENSG00000257335	MGAM	0.298592536	0.089157503	1.91966E-75
ENSG00000260423	LINC02367	0.298550546	0.089132429	2.43007E-74
ENSG00000163564	PYHIN1	0.298530686	0.089120571	2.54071E-73
ENSG00000164776	PHKG1	0.298516135	0.089111883	1.37663E-76
ENSG00000137757	CASP5	0.298445764	0.089069874	1.50072E-76
ENSG00000196700	ZNF512B	0.298419709	0.089054323	2.90762E-73
ENSG00000134363	FST	0.298349828	0.08901262	1.68804E-76

ENSG00000175573	C11orf68	0.298298281	0.088981865	7.48168E-78
ENSG00000267871	ZNF460-AS1	0.298237819	0.088945797	2.96178E-75
ENSG00000166265	CYR1	0.298229137	0.088940618	1.95713E-76
ENSG00000144488	ESPNL	0.298194959	0.088920233	2.04083E-76
ENSG00000233137	N.A.	0.298117048	0.088873774	2.24518E-76
ENSG00000136932	TRMO	0.298103099	0.088865458	2.28386E-76
ENSG00000127831	VIL1	0.297977931	0.088790847	1.10895E-77
ENSG00000198610	AKR1C4	0.297934609	0.088765031	5.23962E-73
ENSG00000230489	VAV3-AS1	0.297815684	0.088694182	3.24671E-76
ENSG00000254554	AC080023.1	0.297743153	0.088650985	3.54788E-76
ENSG00000213759	UGT2B11	0.297714964	0.0886342	3.67231E-76
ENSG00000178562	CD28	0.29769669	0.088623319	1.56595E-77
ENSG00000105223	PLD3	0.29759718	0.088564082	6.47148E-75
ENSG00000133246	PRAM1	0.297594781	0.088562654	4.25347E-76
ENSG00000127990	SGCE	0.297482622	0.088495911	4.8782E-76

ENSG00000115310	RTN4	0.297382184	0.088436164	8.40863E-75
ENSG00000267370	AC008752.3	0.297381897	0.088435993	5.51679E-76
ENSG00000196576	PLXNB2	0.297179437	0.088315618	1.2876E-73
ENSG00000113790	EHHADH	0.297163727	0.088306281	7.20002E-76
ENSG00000106546	AHR	0.297137282	0.088290564	1.35514E-73
ENSG00000198520	ARMH1	0.297098036	0.088267243	1.18816E-74
ENSG00000183576	SETD3	0.297059291	0.088244223	8.1782E-76
ENSG00000183826	BTBD9	0.297006134	0.088212643	1.44544E-71
ENSG00000141429	GALNT1	0.296972505	0.088192668	1.50519E-71
ENSG00000187997	C17orf99	0.296924387	0.088164091	1.4674E-74
ENSG00000120254	MTHFD1L	0.296897776	0.088148289	1.51562E-74
ENSG00000196581	AJAP1	0.296868964	0.088131182	1.38322E-70
ENSG00000229205	LINC00200	0.296810419	0.088096425	1.10765E-75
ENSG00000203799	CCDC162P	0.296801067	0.088090873	1.70456E-74
ENSG00000166710	B2M	0.296762672	0.088068083	1.17398E-75

ENSG00000121486	TRMT1L	0.296707112	0.08803511	1.25617E-75
ENSG00000178719	GRINA	0.296704426	0.088033516	1.26029E-75
ENSG00000001561	ENPP4	0.29669437	0.088027549	1.27581E-75
ENSG00000174839	DENND6A	0.296574198	0.087956255	1.47681E-75
ENSG00000089154	GCN1	0.296566637	0.08795177	6.24104E-77
ENSG00000235531	MSC-AS1	0.296564454	0.087950475	1.49443E-75
ENSG00000214413	BBIP1	0.296545504	0.087939236	2.3246E-74
ENSG00000268970	AC022150.2	0.296505703	0.087915632	2.91171E-73
ENSG00000154743	TSEN2	0.296485927	0.087903905	1.64428E-75
ENSG00000266235	MIR3176	0.296424077	0.087867233	1.77278E-75
ENSG00000262468	LINC01569	0.296423711	0.087867016	1.77357E-75
ENSG00000176919	C8G	0.296408865	0.087858215	1.80588E-75
ENSG00000021355	SERPINB1	0.296405369	0.087856143	2.97778E-71
ENSG00000075213	SEMA3A	0.296377921	0.087839872	2.84855E-74
ENSG00000140030	GPR65	0.296359366	0.087828874	1.91794E-75

ENSG00000085998	POMGNT1	0.296318023	0.087804371	3.0631E-74
ENSG00000055118	KCNH2	0.2962282	0.087751147	3.41538E-74
ENSG00000157833	GAREM2	0.296036186	0.087637424	4.30972E-74
ENSG00000054277	OPN3	0.296022447	0.087629289	4.38202E-74
ENSG00000005059	MCUB	0.29599986	0.087615917	2.96869E-75
ENSG00000121807	CCR2	0.295958631	0.087591511	4.73397E-74
ENSG00000146476	ARMT1	0.295951824	0.087587482	4.77314E-74
ENSG00000106049	HIBADH	0.295909307	0.087562318	5.02518E-74
ENSG00000149636	DSN1	0.295896177	0.087554547	3.36693E-75
ENSG00000183873	SCN5A	0.295859349	0.087532754	5.33834E-74
ENSG00000205581	HMGN1	0.295800322	0.08749783	3.78229E-75
ENSG00000260286	ARMH2	0.295780235	0.087485947	6.99264E-73
ENSG00000171246	NPTX1	0.295727743	0.087454898	7.44952E-73
ENSG00000173930	SLCO4C1	0.295715916	0.087447903	7.55651E-73
ENSG00000231133	HAR1B	0.295702699	0.087440086	4.25781E-75

ENSG0000049541	RFC2	0.295698864	0.087437818	4.27767E-75
ENSG00000167748	KLK1	0.295661171	0.087415528	4.47775E-75
ENSG00000262873	AC127496.5	0.295654893	0.087411816	4.51196E-75
ENSG00000136425	CIB2	0.295641631	0.087403974	6.94642E-74
ENSG00000265728	AP001099.1	0.29563351	0.087399172	8.34563E-73
ENSG00000134278	SPIRE1	0.29554713	0.087348106	7.78693E-74
ENSG00000219891	ZSCAN12P1	0.295491674	0.08731533	2.3118E-76
ENSG00000232934	AL157786.1	0.295410948	0.087267628	6.06421E-75
ENSG00000137841	PLCB2	0.295388842	0.087254568	6.22879E-75
ENSG00000119684	MLH3	0.295361834	0.087238613	2.70691E-76
ENSG00000230445	LRRC37A6P	0.295293185	0.087198065	2.94232E-76
ENSG00000162004	CCDC78	0.295282724	0.087191887	2.97994E-76
ENSG00000160180	TFF3	0.295162125	0.08712068	1.23955E-73
ENSG00000159658	EFCAB14	0.29490237	0.086967408	1.12221E-74
ENSG00000137441	FGFBP2	0.294822791	0.086920478	1.23552E-74

ENSG00000260482	AC008870.1	0.294768529	0.086888486	1.31925E-74
ENSG00000104921	FCER2	0.294744805	0.0868745	2.43086E-72
ENSG00000162415	ZSWIM5	0.294727696	0.086864415	1.38597E-74
ENSG00000259327	AC023906.3	0.2946477	0.086817267	2.30429E-73
ENSG00000163958	ZDHHC19	0.294458065	0.086705552	3.42932E-72
ENSG00000110079	MS4A4A	0.294412471	0.086678703	2.02786E-74
ENSG00000151320	AKAP6	0.294387957	0.086664269	3.74907E-71
ENSG00000262943	ALOX12P2	0.294333024	0.086631929	3.98405E-72
ENSG00000263011	AC108134.4	0.294207764	0.086558208	2.59575E-74
ENSG00000227821	N.A.	0.294188105	0.086546641	1.1228E-75
ENSG00000163739	CXCL1	0.294166938	0.086534187	4.10849E-73
ENSG00000211731	TRBV5-7	0.294155233	0.086527301	1.16832E-75
ENSG00000226524	N.A.	0.294142495	0.086519807	2.80822E-74
ENSG00000108784	NAGLU	0.29412188	0.08650768	4.33705E-73
ENSG00000141452	RMC1	0.294115327	0.086503826	2.90169E-74

ENSG0000068489	PRR11	0.294092759	0.086490551	4.49147E-73
ENSG00000261656	BEAN1-AS1	0.294087308	0.086487345	3.00133E-74
ENSG00000189423	USP32P3	0.294051119	0.086466061	3.1351E-74
ENSG00000229474	PATL2	0.29400758	0.086440457	5.90523E-71
ENSG00000155463	OXA1L	0.293964416	0.086415078	4.42407E-69
ENSG00000233165	N.A.	0.29386001	0.086353706	3.94647E-74
ENSG00000213671	OLA1P2	0.293853751	0.086350027	3.97632E-74
ENSG00000181847	TIGIT	0.29378821	0.086311512	4.30272E-74
ENSG00000135040	NAA35	0.293760514	0.08629524	4.44855E-74
ENSG00000161542	PRPSAP1	0.293689509	0.086253528	7.28787E-73
ENSG00000204267	TAP2	0.293640268	0.086224607	5.14099E-74
ENSG00000183103	N.A.	0.293632584	0.086220095	7.80274E-73
ENSG00000164484	TMEM200A	0.293601302	0.086201725	8.10096E-73
ENSG00000170439	METTL7B	0.293598499	0.086200079	9.59762E-72
ENSG00000090612	ZNF268	0.293571944	0.086184486	2.36303E-75

ENSG00000130956	HABP4	0.293566108	0.08618106	8.45007E-73
ENSG00000172671	ZFAND4	0.293510654	0.086148504	1.06599E-71
ENSG00000106560	GIMAP2	0.293510057	0.086148154	6.0124E-74
ENSG00000109943	CRTAM	0.293451242	0.086113632	6.45285E-74
ENSG00000138600	SPPL2A	0.293365547	0.086063344	1.26772E-71
ENSG00000223797	ENTPD3-AS1	0.293314332	0.086033298	3.22364E-75
ENSG00000122188	LAX1	0.293313762	0.086032963	1.14331E-72
ENSG00000254691	AP002812.3	0.293304939	0.086027787	1.15546E-72
ENSG00000204217	BMPR2	0.293246109	0.08599328	8.25621E-74
ENSG00000154124	OTULIN	0.293214932	0.085974996	8.57117E-74
ENSG00000179941	BBS10	0.293193599	0.085962487	8.79354E-74
ENSG00000104835	SARS2	0.2931887	0.085959614	8.84542E-74
ENSG00000135926	TMBIM1	0.293182902	0.085956214	8.9072E-74
ENSG00000244038	DDOST	0.293154617	0.08593963	9.21485E-74
ENSG00000266643	MIR3677	0.293153377	0.085938902	3.91333E-75

ENSG00000164941	INTS8	0.29314982	0.085936817	3.93013E-75
ENSG00000197604	N.A.	0.293039639	0.08587223	4.48758E-75
ENSG00000167037	SGSM1	0.293013252	0.085856766	1.63816E-72
ENSG00000126878	AIF1L	0.292996356	0.085846864	1.11422E-73
ENSG00000188033	ZNF490	0.292900149	0.085790497	5.30769E-75
ENSG00000259792	AC104758.1	0.292890481	0.085784834	1.8972E-72
ENSG00000143702	CEP170	0.292841855	0.085756352	1.34104E-73
ENSG00000185128	N.A.	0.292797629	0.085730452	2.49567E-71
ENSG00000173786	CNP	0.292788751	0.085725253	6.06861E-75
ENSG00000227370	AC254562.1	0.292767021	0.085712529	2.19884E-72
ENSG00000231672	DIRC3	0.292649884	0.085643954	1.68795E-73
ENSG00000176024	ZNF613	0.292636655	0.085636212	1.71491E-73
ENSG00000169018	FEM1B	0.29251889	0.085567301	1.97467E-73
ENSG00000135617	PRADC1	0.292430321	0.085515493	2.19555E-73
ENSG00000196083	IL1RAP	0.292376501	0.085484018	3.50492E-72

ENSG00000110108	TMEM109	0.292356157	0.085472122	2.39933E-73
ENSG00000248671	ALG1L9P	0.292295724	0.08543679	2.57923E-73
ENSG00000127804	METTL16	0.292271049	0.085422366	2.65649E-73
ENSG00000136279	DBNL	0.29217364	0.085365436	4.46411E-72
ENSG00000227359	AC017074.1	0.29215072	0.085352043	3.06762E-73
ENSG00000228330	AL355355.1	0.292112432	0.085329673	1.36701E-74
ENSG00000080166	DCT	0.292032981	0.085283262	1.50363E-74
ENSG00000248516	AC105415.1	0.291981863	0.085253408	6.58462E-71
ENSG00000269956	MKNK1-AS1	0.291964331	0.085243171	3.83304E-73
ENSG00000122557	HERPUD2	0.291957004	0.085238892	3.86674E-73
ENSG00000067365	METTL22	0.291954165	0.085237235	5.79825E-72
ENSG00000143363	PRUNE1	0.291909275	0.085211025	4.0936E-73
ENSG00000250658	AC097652.1	0.291902313	0.085206961	1.75852E-74
ENSG00000115590	IL1R2	0.291804663	0.085149961	4.63829E-73
ENSG00000103148	NPRL3	0.291706457	0.085092657	5.21515E-73

ENSG00000251594	N.A.	0.291684379	0.085079777	9.37197E-71
ENSG0000074590	NUAK1	0.291629094	0.085047528	1.00069E-70
ENSG00000235150	RCBTB2P1	0.291578347	0.085017933	9.06816E-72
ENSG00000173040	EVC2	0.291548411	0.085000476	6.29731E-73
ENSG00000244731	C4A	0.291533435	0.084991744	6.41079E-73
ENSG00000132382	MYBBP1A	0.291523148	0.084985746	2.76875E-74
ENSG00000110723	EXPH5	0.291468924	0.084954133	2.95428E-74
ENSG00000176108	CHMP6	0.29145037	0.084943318	1.05582E-71
ENSG00000100906	NFKBIA	0.291437394	0.084935754	1.07223E-71
ENSG00000107147	KCNT1	0.291429198	0.084930977	1.26818E-70
ENSG00000116922	C1orf109	0.291374809	0.08489928	7.74535E-73
ENSG00000170571	EMB	0.291363305	0.084892576	3.35196E-74
ENSG00000145107	TM4SF19	0.291309879	0.084861445	8.36844E-73
ENSG00000236279	CLEC2L	0.291259904	0.084832331	1.32391E-71
ENSG00000158764	ITLN2	0.291222445	0.084810512	3.96653E-74

ENSG00000197312	DDI2	0.291122881	0.084752532	4.46749E-74
ENSG0000007255	TRAPPC6A	0.291118713	0.084750105	1.05081E-72
ENSG00000167526	RPL13	0.291068022	0.084720593	1.11618E-72
ENSG00000041357	PSMA4	0.29102318	0.084694491	1.17737E-72
ENSG00000186197	EDARADD	0.290972681	0.084665101	1.86166E-71
ENSG00000144230	GPR17	0.290953966	0.084654211	1.90344E-71
ENSG00000182240	BACE2	0.290898158	0.084621738	2.03368E-71
ENSG00000154645	CHODL	0.290892112	0.084618221	1.37606E-72
ENSG00000122257	RBBP6	0.29088424	0.084613641	1.389E-72
ENSG00000223629	DEFA8P	0.290874214	0.084607808	2.44556E-70
ENSG00000091947	TMEM101	0.290856223	0.084597342	1.43607E-72
ENSG00000103510	KAT8	0.290776705	0.084551092	1.57848E-72
ENSG00000165392	WRN	0.290772595	0.084548702	2.36008E-71
ENSG00000161132	AC007663.1	0.290677808	0.084493588	7.59813E-74
ENSG00000075399	VPS9D1	0.290639469	0.084471301	1.85814E-72

ENSG00000127884	ECHS1	0.290612536	0.084455646	2.85287E-71
ENSG00000117676	RPS6KA1	0.290561052	0.084425725	2.03957E-72
ENSG00000262557	N.A.	0.290559886	0.084425047	2.0424E-72
ENSG00000136960	ENPP2	0.290492219	0.084385729	2.21331E-72
ENSG00000227066	Z98257.1	0.290455748	0.084364542	2.31127E-72
ENSG00000174514	MFSD4A	0.29042251	0.084345235	3.57261E-71
ENSG00000162616	DNAJB4	0.290386654	0.084324409	2.50885E-72
ENSG00000141316	SPACA3	0.29035113	0.084303779	2.61689E-72
ENSG00000143303	RRNAD1	0.290324505	0.084288318	2.7009E-72
ENSG00000269352	PTOV1-AS2	0.290317435	0.084284213	2.72366E-72
ENSG00000185432	METTL7A	0.290251057	0.084245676	4.37599E-71
ENSG00000156453	PCDH1	0.290244675	0.084241971	4.40914E-71
ENSG00000082213	C5orf22	0.290221957	0.084228784	3.05035E-72
ENSG00000055813	CCDC85A	0.290221334	0.084228423	3.0526E-72
ENSG00000125779	PANK2	0.290213022	0.084223598	3.08285E-72

ENSG00000131885	KRT17P1	0.290124725	0.084172356	5.92234E-70
ENSG00000137513	NARS2	0.290123708	0.084171766	1.46984E-73
ENSG00000269120	N.A.	0.290052919	0.084130696	1.59894E-73
ENSG00000188282	RUFY4	0.290029591	0.084117164	3.83187E-72
ENSG00000186522	SEPTIN10	0.29002164	0.084112552	3.86815E-72
ENSG00000251409	AC008592.3	0.289966716	0.084080696	4.12831E-72
ENSG00000100721	TCL1A	0.289881668	0.084031382	4.56597E-72
ENSG00000156639	ZFAND3	0.289795306	0.083981319	5.05772E-72
ENSG00000213075	RPL31P11	0.28974685	0.083953237	5.35638E-72
ENSG00000143353	LYPLAL1	0.289671096	0.083909344	2.5169E-73
ENSG00000187954	CYHR1	0.289615002	0.083876849	2.69021E-73
ENSG00000106211	HSPB1	0.289588812	0.08386168	1.09867E-68
ENSG00000090581	GNPTG	0.28953309	0.08382941	1.02161E-70
ENSG00000141753	IGFBP4	0.289517818	0.083820567	7.02389E-72
ENSG00000115145	STAM2	0.289450484	0.083781583	7.60609E-72

ENSG00000100439	ABHD4	0.28940485	0.083755167	1.36289E-68
ENSG00000226180	AC010536.1	0.289394643	0.083749259	1.20271E-70
ENSG00000177098	SCN4B	0.289366164	0.083732777	1.42604E-68
ENSG00000140564	FURIN	0.289309782	0.08370015	1.32918E-70
ENSG00000233175	AC008105.1	0.289299786	0.083694366	9.08924E-72
ENSG00000130193	THEM6	0.289294194	0.083691131	9.1495E-72
ENSG00000253818	IGLV1-41	0.289289141	0.083688207	1.3619E-70
ENSG00000166507	NDST2	0.289281419	0.08368374	9.28867E-72
ENSG00000103942	HOMER2	0.289235737	0.083657311	9.80382E-72
ENSG00000177370	TIMM22	0.289163869	0.083615743	1.06725E-71
ENSG00000100784	RPS6KA5	0.289059398	0.083555336	1.77741E-67
ENSG00000124067	SLC12A4	0.289048175	0.083548847	1.22348E-71
ENSG00000251390	N.A.	0.289044526	0.083546738	1.81644E-70
ENSG00000071051	NCK2	0.288999142	0.083520504	1.91608E-70
ENSG00000109062	SLC9A3R1	0.288961775	0.083498908	1.35483E-71

ENSG00000102445	RUBCNL	0.288935763	0.083483875	1.39706E-71
ENSG00000104290	FZD3	0.28893285	0.083482192	1.40187E-71
ENSG00000147789	ZNF7	0.288901427	0.083464035	6.2678E-73
ENSG00000169255	B3GALNT1	0.288871366	0.083446666	1.50735E-71
ENSG00000179915	NRXN1	0.288703555	0.083349743	2.71243E-70
ENSG00000090316	MAEA	0.288653361	0.083320763	2.87721E-70
ENSG00000092820	EZR	0.288632282	0.083308594	3.36303E-68
ENSG00000007545	CRAMP1	0.288622119	0.083302727	8.72178E-73
ENSG00000138604	GLCE	0.288593832	0.0832864	2.09085E-71
ENSG00000146263	MMS22L	0.288593803	0.083286383	3.08572E-70
ENSG00000100519	PSMC6	0.288563094	0.083268659	3.70704E-69
ENSG00000099800	TIMM13	0.288554705	0.083263818	3.23073E-70
ENSG00000060069	CTDP1	0.288525832	0.083247156	3.34215E-70
ENSG00000174446	SNAPC5	0.288499476	0.083231948	2.33668E-71
ENSG00000176087	SLC35A4	0.28840945	0.083180011	2.59803E-71

ENSG0000057019	DCBLD2	0.288380001	0.083163025	2.68969E-71
ENSG00000152284	TCF7L1	0.288353051	0.083147482	4.73993E-69
ENSG00000185864	NPIP4	0.28835104	0.083146322	4.05352E-67
ENSG00000138395	CDK15	0.288348253	0.083144715	2.79212E-71
ENSG00000169032	MAP2K1	0.28829259	0.083112618	4.39456E-70
ENSG00000180370	PAK2	0.28821753	0.083069345	5.45508E-68
ENSG00000169762	TAPT1	0.288204042	0.08306157	5.5415E-68
ENSG00000204977	TRIM13	0.288202741	0.08306082	4.88297E-70
ENSG00000161677	JOSD2	0.288169215	0.083041496	3.44692E-71
ENSG00000164172	MOC52	0.288161098	0.083036819	3.47998E-71
ENSG00000137822	TUBGCP4	0.288149134	0.083029924	3.5293E-71
ENSG00000173809	TDRD12	0.288148018	0.08302928	3.53394E-71
ENSG00000176371	ZSCAN2	0.288126299	0.083016764	3.62537E-71
ENSG00000163754	GYG1	0.288122067	0.083014325	3.64346E-71
ENSG00000117528	ABCD3	0.288021111	0.08295616	1.77341E-72

ENSG00000163902	RPN1	0.287966536	0.082924726	7.44656E-69
ENSG00000083799	CYLD	0.287963877	0.082923194	6.46066E-70
ENSG00000105568	PPP2R1A	0.287934354	0.082906192	6.68801E-70
ENSG00000254281	N.A.	0.287907302	0.082890614	2.02809E-72
ENSG00000116679	IVNS1ABP	0.287865128	0.082866332	8.38255E-69
ENSG00000235878	N.A.	0.28782708	0.082844428	5.15337E-71
ENSG00000100036	SLC35E4	0.287818037	0.082839222	7.66403E-70
ENSG00000135093	USP30	0.287778805	0.082816641	8.02425E-70
ENSG00000064545	TMEM161A	0.287778041	0.082816201	5.4589E-71
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ENSG00000103365	GGA2	0.287730221	0.08278868	5.77422E-71
ENSG00000103671	TRIP4	0.287727783	0.082787277	2.50587E-72
ENSG00000175274	TP53I11	0.287657031	0.082746568	1.04741E-67
ENSG00000135823	STX6	0.287632176	0.082732268	1.10006E-68

ENSG00000243710	CFAP57	0.287578984	0.082701672	6.89591E-71
ENSG00000269990	N.A.	0.287535249	0.08267652	7.25901E-71
ENSG00000244480	AC005154.2	0.287492037	0.082651671	1.2953E-68
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ENSG00000168026	TTC21A	0.28747269	0.082640548	7.81177E-71
ENSG00000144021	CIAO1	0.287455881	0.082630884	3.45126E-72
ENSG00000268087	AC008764.2	0.287443179	0.082623581	1.37119E-68
ENSG00000145388	METTL14	0.287345362	0.082567357	9.06972E-71
ENSG00000086015	MAST2	0.287273478	0.082526051	4.27713E-72
ENSG00000198821	CD247	0.28726298	0.08252002	9.98919E-71
ENSG00000100426	ZBED4	0.287215541	0.082492767	1.05602E-70
ENSG00000130764	LRRC47	0.287201585	0.08248475	4.65433E-72
ENSG00000230641	USP12-AS2	0.287124644	0.082440561	5.0948E-72
ENSG00000170779	CDCA4	0.287121479	0.082438743	1.17904E-70
ENSG00000144792	ZNF660	0.287077259	0.082413353	2.0996E-68

ENSG00000179914	ITLN1	0.287076952	0.082413176	5.38844E-72
ENSG00000162542	TMCO4	0.287005283	0.082372033	1.98172E-69
ENSG00000225190	PLEKHM1	0.28687901	0.082299566	2.29625E-69
ENSG0000014138	POLA2	0.286837737	0.082275887	1.64352E-70
ENSG00000176083	ZNF683	0.286830082	0.082271496	1.65831E-70
ENSG00000155666	KDM8	0.286823897	0.082267948	2.44868E-69
ENSG00000167004	PDIA3	0.28679776	0.082252955	7.47876E-72
ENSG00000242687	N.A.	0.286773606	0.082239101	1.77155E-70
ENSG00000204934	ATP6V0E2-AS1	0.286744512	0.082222415	2.68612E-69
ENSG00000187189	TSPYL4	0.286657163	0.082172329	2.97397E-69
ENSG00000229413	AC018638.1	0.286577449	0.082126635	9.68403E-72
ENSG00000213516	RBMXL1	0.286565353	0.082119701	3.80651E-68
ENSG00000128602	SMO	0.286478415	0.082069883	4.2107E-68
ENSG00000130560	UBAC1	0.286419984	0.082036407	4.50612E-68
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ENSG00000262874	C19orf84	0.286332824	0.081986486	2.96512E-70
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ENSG00000205269	TMEM170B	0.286294499	0.08196454	4.53658E-69
ENSG00000268225	N.A.	0.286251997	0.081940206	5.47552E-68
ENSG00000119318	RAD23B	0.28624376	0.08193549	3.28997E-70
ENSG00000184110	EIF3C	0.286227023	0.081925909	4.90704E-69
ENSG00000213694	S1PR3	0.286215872	0.081919526	5.70972E-68
ENSG00000186399	GOLGA8R	0.286211846	0.081917221	3.4148E-70
ENSG00000157227	MMP14	0.286194281	0.081907167	3.83121E-65
ENSG00000161791	FMNL3	0.286192577	0.081906191	1.52009E-71
ENSG00000127220	ABHD8	0.286130158	0.081870468	3.75626E-70
ENSG00000099998	GGT5	0.286088971	0.0818469	3.94112E-70
ENSG00000162148	PPP1R32	0.285994531	0.081792872	6.42996E-69

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ENSG00000177600	RPLP2	0.285850638	0.081710587	2.26767E-71
ENSG00000223298	RNY3P8	0.285800406	0.081681872	8.05634E-69
ENSG00000211795	TRAV8-6	0.285790917	0.081676448	2.43161E-71
ENSG00000215306	N.A.	0.285669049	0.081606806	1.07553E-67
ENSG00000128335	APOL2	0.28563714	0.081588576	9.73732E-69
ENSG00000102805	CLN5	0.285621749	0.081579783	1.13601E-67
ENSG00000173269	MMRN2	0.285554514	0.081541381	1.22785E-67
ENSG00000088340	FER1L4	0.28555329	0.081540681	7.35613E-70
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ENSG00000112305	SMAP1	0.28533347	0.081415189	4.14807E-71
ENSG00000253649	PRSS51	0.285262619	0.081374762	1.43393E-65

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ENSG00000135387	CAPRIN1	0.285079126	0.081270108	5.5799E-71
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ENSG00000065970	FOXJ2	0.284691552	0.08104928	8.76203E-71
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ENSG00000164659	ELAPOR2	0.284572734	0.080981641	3.33916E-68
ENSG00000158604	TMED4	0.284412588	0.08089052	4.0175E-68
ENSG00000119446	RBM18	0.284401662	0.080884305	4.0685E-68
ENSG00000110448	CD5	0.28434976	0.080854786	4.31968E-68
ENSG00000060140	STYK1	0.2843091	0.080831664	5.16241E-67
ENSG00000226337	TMEM252-DT	0.284277884	0.080813915	3.23251E-69
ENSG00000174915	PTDSS2	0.284268353	0.080808496	5.41009E-67
ENSG00000160746	ANO10	0.284192423	0.080765333	5.90362E-67

ENSG00000163608	NEPRO	0.284188478	0.080763091	5.20314E-68
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ENSG00000187118	CMC1	0.283989667	0.080650131	7.45252E-67
ENSG00000125458	NT5C	0.283972283	0.080640257	4.60342E-69
ENSG00000244063	AC104653.2	0.283931607	0.080617158	6.99623E-68
ENSG00000261253	AC137932.2	0.283918626	0.080609786	4.89801E-69
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ENSG00000227557	MTND3P9	0.283873042	0.080583904	5.16298E-69
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ENSG00000140749	IGSF6	0.283570309	0.08041212	7.32396E-69
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ENSG00000132334	PTPRE	0.283469912	0.080355191	1.19031E-67
ENSG00000225697	SLC26A6	0.283358967	0.080292304	4.11199E-70
ENSG00000183161	FANCF	0.283292701	0.080254754	4.43962E-70
ENSG00000197721	CR1L	0.283289439	0.080252906	1.01264E-68
ENSG00000143374	TARS2	0.283246117	0.080228363	1.0645E-68
ENSG00000197914	N.A.	0.28321636	0.080211506	1.10164E-68
ENSG00000103194	USP10	0.28317248	0.080186653	1.90216E-66
ENSG00000196950	SLC39A10	0.283132659	0.080164103	1.21319E-68
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ENSG00000067798	NAV3	0.283074208	0.080131007	1.87548E-67

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ENSG00000214022	REPIN1	0.282896991	0.080030708	7.01404E-70
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ENSG00000113593	PPWD1	0.282849553	0.080003869	1.68074E-68
ENSG00000048140	TSPAN17	0.282848067	0.080003029	2.43114E-67
ENSG00000185499	MUC1	0.28282211	0.079988346	2.5046E-67
ENSG00000170175	CHRN1	0.282790391	0.079970405	1.79914E-68
ENSG00000100003	SEC14L2	0.282668183	0.079901301	2.07067E-68
ENSG00000248489	LINC02062	0.282659029	0.079896127	9.23113E-70
ENSG00000173145	NOC3L	0.282640616	0.079885718	2.13735E-68
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ENSG00000168079	SCARA5	0.282506788	0.079810085	2.49278E-68
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ENSG00000197586	ENTPD6	0.282501567	0.079807135	3.93644E-65

ENSG0000065029	ZNF76	0.282486339	0.079798532	1.12655E-69
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ENSG00000144909	OSBPL11	0.282423998	0.079763315	3.95236E-67
ENSG00000261652	C15orf65	0.282397393	0.079748287	1.24817E-69
ENSG00000134765	DSC1	0.282260317	0.079670886	4.76668E-67
ENSG00000143486	EIF2D	0.282232465	0.079655164	3.41594E-68
ENSG00000133895	MEN1	0.282186538	0.079629242	3.60083E-68
ENSG00000268869	ESPNP	0.282182775	0.079627119	5.65591E-65
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ENSG00000185252	ZNF74	0.282165494	0.079617366	3.68884E-68
ENSG00000116701	NCF2	0.282147872	0.079607422	5.42095E-67
ENSG00000229539	PANK2-AS1	0.282129401	0.079596999	1.69953E-69
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ENSG00000164211	STARD4	0.28173196	0.079372897	6.06387E-68
ENSG00000107249	GLIS3	0.281671969	0.079339098	8.5481E-64
ENSG00000140632	GLYR1	0.281659227	0.07933192	6.59061E-68
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ENSG00000135378	PRRG4	0.28156051	0.079276321	1.06032E-66
ENSG00000142867	BCL10	0.281554234	0.079272787	1.06794E-66
ENSG00000108559	NUP88	0.281407685	0.079190285	1.2622E-66
ENSG00000186364	NUDT17	0.281369385	0.079168731	4.07097E-69
ENSG00000260778	AC009065.4	0.281368696	0.079168343	9.19012E-68
ENSG00000111344	RASAL1	0.281346654	0.07915594	4.17855E-69
ENSG00000174953	DHX36	0.281339041	0.079151656	9.50715E-68
ENSG00000173171	MTX1	0.281300733	0.079130102	1.60731E-65

ENSG00000108349	CASC3	0.281289629	0.079123855	1.55724E-64
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ENSG00000175040	CHST2	0.281232837	0.079091909	1.73614E-65
ENSG00000232295	AL589935.1	0.281170942	0.079057099	1.65305E-66
ENSG00000254901	BORCS8	0.281135659	0.079037259	1.19955E-67
ENSG00000211673	IGLV3-1	0.281126114	0.079031892	1.2127E-67
ENSG00000165633	VSTM4	0.281095499	0.07901468	1.25587E-67
ENSG00000171476	HOPX	0.281088711	0.079010863	2.0447E-65
ENSG00000132330	SCLY	0.281066451	0.07899835	1.29824E-67
ENSG00000120868	APAF1	0.281055467	0.078992176	1.88534E-66
ENSG00000181649	PHLDA2	0.28098215	0.078950969	2.04942E-66
ENSG00000175662	TOM1L2	0.280969506	0.078943863	1.45023E-67
ENSG00000153885	KCTD15	0.280960608	0.078938863	2.10028E-66
ENSG00000156804	FBXO32	0.28093075	0.078922086	2.44594E-65
ENSG00000145569	OTULINL	0.280890071	0.078899232	1.58789E-67

ENSG00000221962	TMEM14EP	0.280743451	0.078816885	1.87707E-67
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ENSG00000133657	ATP13A3	0.280704233	0.078794866	3.16187E-65
ENSG00000183208	GDPGP1	0.280678701	0.078780533	2.02094E-67
ENSG00000140577	CRTC3	0.280678505	0.078780423	2.89473E-66
ENSG00000214783	POLR2J4	0.280640414	0.078759042	2.11113E-67
ENSG00000001460	STPG1	0.280618814	0.078746919	2.16377E-67
ENSG00000244165	P2RY11	0.28052869	0.078696346	3.4319E-66
ENSG00000066427	ATXN3	0.280519171	0.078691005	3.46921E-66
ENSG00000239959	ENPP7P2	0.280476665	0.07866716	2.54435E-67
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ENSG00000267496	FAM215A	0.280462674	0.078659311	2.58523E-67
ENSG00000204531	POU5F1	0.2804409	0.078647098	2.65017E-67
ENSG00000131398	KCNC3	0.280401581	0.078625046	1.23327E-68
ENSG00000106571	GLI3	0.280363762	0.078603839	4.43167E-64

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ENSG00000090863	GLG1	0.280107767	0.078460361	6.20916E-65
ENSG00000143119	CD53	0.280035088	0.07841965	6.00865E-66
ENSG00000162913	OBSCN-AS1	0.28002039	0.078411419	4.27715E-67
ENSG00000105321	CCDC9	0.279995171	0.078397296	1.96165E-68
ENSG00000168061	SAC3D1	0.279968263	0.078382229	4.53835E-67
ENSG00000132394	EEFSEC	0.279947587	0.078370651	2.07109E-68
ENSG00000136167	LCP1	0.279932348	0.078362119	6.7506E-66
ENSG00000163359	COL6A3	0.279912916	0.07835124	4.83311E-67
ENSG00000172613	RAD9A	0.279906186	0.078347473	4.87022E-67
ENSG00000258733	LINC02328	0.279869966	0.078327198	5.07491E-67
ENSG00000099203	TMED1	0.279869943	0.078327185	5.07505E-67
ENSG00000157693	TMEM268	0.279857876	0.078320431	7.83414E-64
ENSG00000073849	ST6GAL1	0.279846312	0.078313959	8.34204E-65

ENSG00000260121	AC138028.4	0.279820293	0.078299396	7.66422E-66
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ENSG00000141127	PRPSAP2	0.279784596	0.07827942	7.98038E-66
ENSG00000225177	AL590617.2	0.27977724	0.078275304	5.63884E-67
ENSG00000205238	SPDYE2	0.279756246	0.078263557	9.23455E-65
ENSG00000133812	SBF2	0.279701302	0.078232819	6.14686E-67
ENSG00000116786	PLEKHM2	0.279667544	0.078213935	6.3871E-67
ENSG00000162444	RBP7	0.279591449	0.078171378	6.9635E-67
ENSG00000154814	OXNAD1	0.279586114	0.078168395	3.12719E-68
ENSG00000164576	SAP30L	0.279583761	0.078167079	7.02454E-67
ENSG00000133028	SCO1	0.279466805	0.078101695	3.5823E-68
ENSG00000156689	GLYATL2	0.279454546	0.078094843	8.13403E-67
ENSG00000241609	N.A.	0.279423316	0.07807739	8.4274E-67
ENSG00000109180	OCIAD1	0.279418601	0.078074755	3.78437E-68
ENSG00000155368	DBI	0.279409244	0.078069526	8.56301E-67

ENSG00000197093	GAL3ST4	0.279395246	0.078061703	1.23975E-65
ENSG00000141574	SECTM1	0.279349422	0.078036099	1.30566E-65
ENSG0000013561	RNF14	0.279308506	0.078013242	9.59943E-67
ENSG00000100221	JOSD1	0.279195396	0.077950069	4.87849E-68
ENSG00000236911	AL137789.1	0.279147489	0.077923321	1.15216E-66
ENSG0000015475	BID	0.27913693	0.077917426	1.16603E-66
ENSG00000107937	GTPBP4	0.279087038	0.077889575	1.96283E-64
ENSG00000111711	GOLT1B	0.279049479	0.077868612	1.28746E-66
ENSG00000099899	TRMT2A	0.279013546	0.077848559	2.132E-64
ENSG00000153395	LPCAT1	0.279010928	0.077847098	2.13829E-64
ENSG00000154358	OBSCN	0.278995159	0.077838298	1.36916E-66
ENSG00000263002	ZNF234	0.278988013	0.077834311	6.17542E-68
ENSG00000198053	SIRPA	0.278969563	0.077824017	2.12408E-63
ENSG00000211793	TRAV9-2	0.278949006	0.077812548	2.29251E-64
ENSG00000242866	STRC	0.278863035	0.077764592	7.11742E-68

ENSG00000197275	RAD54B	0.278852856	0.077758916	7.20018E-68
ENSG00000140995	DEF8	0.278832219	0.077747406	2.34114E-65
ENSG00000100612	DHRS7	0.278806235	0.077732917	1.69563E-66
ENSG00000156206	CFAP161	0.278801304	0.077730167	2.4242E-65
ENSG00000188559	RALGAPA2	0.278715318	0.077682228	2.82391E-63
ENSG00000164010	ERMAP	0.278700199	0.077673801	1.91173E-66
ENSG00000261505	AL031714.1	0.278678189	0.077661533	2.78513E-65
ENSG00000124104	SNX21	0.278666859	0.077655219	2.82092E-65
ENSG00000268885	N.A.	0.278586102	0.077610216	2.17499E-66
ENSG00000112514	CUTA	0.278566288	0.077599177	2.22426E-66
ENSG00000111405	ENDOU	0.278545473	0.077587581	2.27721E-66
ENSG00000155749	FLACC1	0.278524061	0.077575652	2.33299E-66
ENSG00000135549	PKIB	0.278513553	0.077569799	2.36086E-66
ENSG00000108733	PEX12	0.278478196	0.077550106	2.4571E-66
ENSG00000119723	COQ6	0.278453327	0.077536255	2.52712E-66

ENSG00000254030	IGLC5	0.278444473	0.077531324	2.55253E-66
ENSG00000124191	TOX2	0.278425619	0.077520825	3.70174E-65
ENSG00000107816	LZTS2	0.278423115	0.077519431	3.71219E-65
ENSG00000142185	TRPM2	0.27832051	0.077462306	4.16666E-65
ENSG00000164171	ITGA2	0.278303901	0.077453062	4.73065E-64
ENSG00000141837	CACNA1A	0.278302534	0.0774523	4.2518E-65
ENSG00000171224	FAM241B	0.278289988	0.077445317	3.03912E-66
ENSG00000159761	C16orf86	0.278270418	0.077434426	3.10702E-66
ENSG00000196407	THEM5	0.278261636	0.077429538	4.45202E-65
ENSG00000136100	VPS36	0.278220602	0.077406703	3.28675E-66
ENSG0000011590	ZBTB32	0.27818511	0.077386955	3.42109E-66
ENSG00000228800	AL590068.1	0.278157279	0.077371472	5.00653E-65
ENSG00000244482	LILRA6	0.278105799	0.077342835	4.66066E-62
ENSG00000177352	CCDC71	0.277970599	0.077267654	4.35769E-66
ENSG00000152556	PFKM	0.277957896	0.077260592	4.42056E-66

ENSG00000122547	EEPD1	0.277934336	0.077247495	6.43237E-65
ENSG00000232528	AL109809.1	0.27786877	0.077211054	6.92402E-65
ENSG00000105771	SMG9	0.277864478	0.077208668	4.91148E-66
ENSG00000254353	N.A.	0.277830516	0.077189796	7.58968E-63
ENSG00000187980	PLA2G2C	0.277700036	0.07711731	9.30334E-64
ENSG00000165309	ARMC3	0.277672836	0.077102204	6.09507E-66
ENSG00000173295	FAM86B3P	0.277623085	0.077074577	7.97032E-62
ENSG00000251474	RPL32P3	0.277611101	0.077067924	6.53384E-66
ENSG00000250616	AC012645.1	0.27760574	0.077064947	2.95674E-67
ENSG00000188295	ZNF669	0.277601774	0.077062745	6.60282E-66
ENSG00000095139	ARCN1	0.277591845	0.077057233	9.44854E-65
ENSG00000064933	PMS1	0.277572483	0.077046484	3.06993E-67
ENSG00000161204	ABCF3	0.277549592	0.077033776	9.90718E-65
ENSG00000140718	FTO	0.277549348	0.077033641	9.90989E-65
ENSG00000150656	CNDP1	0.277410193	0.076956415	8.19149E-66

ENSG00000215883	CYB5RL	0.27738023	0.076939792	1.19791E-64
ENSG00000167549	CORO6	0.277349643	0.076922824	3.94816E-67
ENSG00000138028	CGREF1	0.277311999	0.076901945	4.11948E-67
ENSG00000078237	TIGAR	0.27724163	0.076862921	1.39918E-64
ENSG00000259321	AL136295.2	0.27710813	0.076788915	5.18444E-67
ENSG00000213190	MLLT11	0.277087439	0.076777449	5.30679E-67
ENSG00000235821	IFITM4P	0.277084229	0.07677567	5.32603E-67
ENSG00000146067	FAM193B	0.277034888	0.076748329	1.76365E-64
ENSG00000225434	LINC01504	0.277007657	0.076733242	1.81823E-64
ENSG00000112486	CCR6	0.276964197	0.076709166	1.35222E-65
ENSG00000184677	ZBTB40	0.276960403	0.076707065	6.12362E-67
ENSG00000215559	ANKRD20A11P	0.276956282	0.076704782	1.92582E-64
ENSG00000187210	GCNT1	0.276936137	0.076693624	1.96972E-64
ENSG00000116985	BMP8B	0.276926796	0.07668845	1.99042E-64
ENSG00000266947	AC022916.1	0.276890897	0.076668569	1.4682E-65

ENSG0000069275	NUCKS1	0.276890233	0.076668201	6.62732E-67
ENSG00000183569	SERHL2	0.276885738	0.076665712	2.08397E-64
ENSG00000133800	LYVE1	0.276856263	0.076649391	2.38663E-63
ENSG00000169184	MN1	0.276820213	0.076629431	2.24242E-64
ENSG00000201451	Y_RNA	0.276772164	0.076602831	7.5697E-67
ENSG00000111341	MGP	0.276696864	0.076561155	8.23927E-67
ENSG00000146192	FGD2	0.276688151	0.076556333	2.59917E-64
ENSG00000178999	AURKB	0.276686875	0.076555627	1.84586E-65
ENSG00000102554	KLF5	0.276679389	0.076551484	2.90647E-63
ENSG00000177946	CENPBD1	0.276647421	0.076533795	1.92936E-65
ENSG00000178425	NT5DC1	0.276640355	0.076529886	1.94471E-65
ENSG00000130304	SLC27A1	0.276565678	0.076488574	2.98033E-64
ENSG00000171121	KCNMB3	0.276496252	0.076450178	3.22061E-64
ENSG00000172500	FIBP	0.276348843	0.076368683	3.7967E-64
ENSG00000113360	DROSHA	0.276321432	0.076353534	2.78006E-65

ENSG00000182022	CHST15	0.276306311	0.076345177	4.40218E-63
ENSG00000179010	MRFAP1	0.276290412	0.076336392	2.87832E-65
ENSG00000216588	IGSF23	0.276289923	0.076336121	4.48313E-63
ENSG00000139684	ESD	0.276236659	0.076306692	3.05684E-65
ENSG00000113441	LNPEP	0.276219478	0.0762972	1.40925E-66
ENSG00000189280	GJB5	0.276209968	0.076291946	1.42438E-66
ENSG00000119522	DENND1A	0.276202032	0.076287562	3.17764E-65
ENSG00000197982	C1orf122	0.276174134	0.076272152	3.27842E-65
ENSG00000112343	TRIM38	0.276151125	0.076259444	3.36392E-65
ENSG00000104660	LEPROTL1	0.276148924	0.076258228	1.52545E-66
ENSG00000180071	ANKRD18A	0.276097504	0.076229831	5.55207E-63
ENSG00000215440	NPEPL1	0.276093732	0.076227749	3.58702E-65
ENSG00000241549	GUSBP2	0.275911886	0.076127369	1.99036E-66
ENSG00000134905	CARS2	0.275852086	0.076094373	7.2912E-63
ENSG00000226150	N.A.	0.275809628	0.076070951	6.92552E-64

ENSG00000085721	RRN3	0.275783668	0.076056632	5.07315E-65
ENSG00000167543	TP53I13	0.27571361	0.076017994	8.50197E-63
ENSG00000165424	ZCCHC24	0.27570157	0.076011356	6.67254E-61
ENSG00000198105	ZNF248	0.275646997	0.075981267	8.29981E-64
ENSG00000074657	ZNF532	0.275587954	0.07594872	9.77302E-63
ENSG00000181827	RFX7	0.275542364	0.075923595	9.32435E-64
ENSG00000121797	CCRL2	0.275482458	0.075890585	9.96669E-64
ENSG00000183813	CCR4	0.275423042	0.075857852	1.06473E-63
ENSG00000003147	ICA1	0.275311591	0.075796472	1.32738E-62
ENSG00000214851	LINC00612	0.275219682	0.075745873	9.51923E-65
ENSG00000101138	CSTF1	0.275167981	0.075717418	1.00838E-64
ENSG00000188818	ZDHHC11	0.275109695	0.075685344	8.04229E-46
ENSG00000117266	CDK18	0.275097701	0.075678745	1.57096E-61
ENSG00000155366	RHOC	0.275063088	0.075659702	1.13338E-64
ENSG00000235865	GSN-AS1	0.275041108	0.075647611	5.27676E-66

ENSG00000115484	CCT4	0.274979404	0.075613672	1.24409E-64
ENSG00000234282	AL109809.2	0.27495129	0.075598212	1.28364E-64
ENSG00000083844	ZNF264	0.274942003	0.075593105	1.8165E-63
ENSG00000181234	TMEM132C	0.27493143	0.075587291	1.55599E-60
ENSG00000197506	SLC28A3	0.274857015	0.075546378	1.42566E-64
ENSG00000263941	RN7SL32P	0.274854502	0.075544997	2.00163E-63
ENSG00000177981	ASB8	0.274763062	0.07549474	2.2152E-63
ENSG00000236609	ZNF853	0.274753379	0.075489419	1.59991E-64
ENSG00000237637	FRY-AS1	0.274751452	0.07548836	7.2925E-66
ENSG00000222009	BTBD19	0.27460205	0.075406286	8.61554E-66
ENSG00000131370	SH3BP5	0.274600965	0.07540569	2.65108E-63
ENSG00000173578	XCR1	0.274509532	0.075355483	2.9336E-63
ENSG00000172264	MACROD2	0.274497142	0.075348681	2.97412E-63
ENSG00000107863	ARHGAP21	0.274485268	0.075342162	3.30849E-62
ENSG00000261827	N.A.	0.274453495	0.075324721	3.12137E-63

ENSG00000233665	AC060234.2	0.274446407	0.07532083	3.45342E-62
ENSG00000185436	IFNLR1	0.27442674	0.075310036	2.3003E-64
ENSG00000169299	PGM2	0.2743437	0.075264466	3.52469E-63
ENSG00000152766	ANKRD22	0.274291328	0.075235732	2.67357E-64
ENSG00000266401	AP002478.1	0.274286644	0.075233163	1.22459E-65
ENSG00000197540	GZMM	0.274245456	0.07521057	3.92938E-63
ENSG00000175906	ARL4D	0.27422099	0.075197151	1.31751E-65
ENSG00000197712	FAM114A1	0.274174801	0.075171821	4.24872E-63
ENSG00000089053	ANAPC5	0.274151599	0.075159099	1.42336E-65
ENSG00000153815	CMIP	0.274112004	0.075137391	4.99271E-62
ENSG00000242324	AL049634.1	0.274051933	0.075104462	5.33421E-62
ENSG00000222570	N.A.	0.274042784	0.075099448	3.52261E-64
ENSG00000166823	MESP1	0.274007453	0.075080084	3.66337E-64
ENSG00000260517	AC009093.2	0.274007258	0.075079977	3.66417E-64
ENSG00000164283	ESM1	0.273943435	0.075045006	5.48666E-63

ENSG00000168566	SNRNP48	0.273824538	0.074979877	4.48677E-64
ENSG00000257698	GIHCG	0.273748477	0.074938229	2.22887E-65
ENSG00000124374	PAIP2B	0.273712296	0.074918421	5.0808E-64
ENSG00000166398	GARRE1	0.273684703	0.074903317	7.30069E-63
ENSG00000106078	COBL	0.273663692	0.074891816	2.44911E-65
ENSG00000105507	CABP5	0.273606809	0.074860686	6.63141E-60
ENSG00000032389	EIPR1	0.273606553	0.074860546	8.08548E-61
ENSG00000135972	MRPS9	0.273578683	0.074845296	5.89084E-64
ENSG00000184743	ATL3	0.273525699	0.074816308	6.2466E-64
ENSG00000188938	FAM120AOS	0.273504921	0.074804942	8.90193E-63
ENSG00000116005	PCYOX1	0.273472208	0.074787049	1.00922E-61
ENSG00000217644	AL355864.1	0.273150654	0.07461128	4.32832E-65
ENSG00000125520	SLC2A4RG	0.273088321	0.074577231	1.40862E-62
ENSG00000175395	ZNF25	0.273050374	0.074556507	1.60341E-61
ENSG00000165672	PRDX3	0.272931533	0.074491622	1.67383E-62

ENSG0000074201	CLNS1A	0.272927594	0.074489471	1.20982E-63
ENSG00000186806	VSIG10L	0.272917176	0.074483785	1.85549E-61
ENSG00000143740	SNAP47	0.272898047	0.074473344	1.73662E-62
ENSG00000162881	OXER1	0.272895765	0.074472098	1.25308E-63
ENSG00000161513	FDXR	0.272858162	0.074451577	1.30617E-63
ENSG00000077238	IL4R	0.272857182	0.074451042	1.30759E-63
ENSG00000108239	TBC1D12	0.272824868	0.074433409	1.35505E-63
ENSG00000135847	N.A.	0.2727925	0.074415748	6.43653E-65
ENSG00000103876	FAH	0.272781002	0.074409475	2.15401E-61
ENSG00000261786	AC006058.1	0.272749965	0.074392544	6.74684E-65
ENSG00000185650	ZFP36L1	0.272738397	0.074386233	1.49067E-63
ENSG00000133874	RNF122	0.272702759	0.074366795	2.15246E-62
ENSG00000162692	VCAM1	0.272624728	0.074324242	7.74976E-65
ENSG00000097033	SH3GLB1	0.272588903	0.07430471	1.75777E-63
ENSG00000177873	ZNF619	0.27258879	0.074304648	8.06406E-65

ENSG00000231494	RPL21P35	0.272474167	0.074242172	2.76673E-62
ENSG00000177669	MBOAT4	0.272409938	0.074207174	9.82743E-65
ENSG00000179195	ZNF664	0.272381944	0.074191924	2.20793E-63
ENSG00000146021	KLHL3	0.272282194	0.074137593	2.46424E-63
ENSG00000158292	GPR153	0.272277317	0.074134937	3.43378E-62
ENSG00000267082	AC011472.1	0.272172289	0.074077755	2.78106E-63
ENSG00000133661	SFTPD	0.272164701	0.074073624	3.8851E-62
ENSG00000103381	CPPED1	0.272162207	0.074072267	1.29209E-64
ENSG00000006459	KDM7A	0.272124396	0.074051687	2.93152E-63
ENSG00000253193	N.A.	0.272112845	0.0740454	1.36446E-64
ENSG00000146828	SLC12A9	0.272092534	0.074034347	4.20489E-62
ENSG00000198547	C20orf203	0.272053165	0.074012924	1.45737E-64
ENSG00000198453	ZNF568	0.272044418	0.074008166	1.47151E-64
ENSG00000268164	N.A.	0.271997253	0.073982506	4.66762E-62
ENSG00000137310	TCF19	0.2719864	0.073976602	3.41192E-63

ENSG00000154127	UBASH3B	0.271894277	0.073926498	5.67827E-61
ENSG00000109536	FRG1	0.271831565	0.0738924	4.04483E-63
ENSG00000226403	AL392089.1	0.271785913	0.073867583	6.39074E-61
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ENSG00000134061	CD180	0.27166891	0.073803997	4.83595E-63
ENSG00000099860	GADD45B	0.271626795	0.073781116	7.00172E-62
ENSG00000213918	DNASE1	0.271611827	0.073772985	7.11728E-62
ENSG00000197879	MYO1C	0.271589051	0.073760613	7.29678E-60
ENSG00000139625	MAP3K12	0.271499276	0.073711857	8.04934E-62
ENSG00000104884	ERCC2	0.271466587	0.073694108	2.78207E-64
ENSG00000250348	AC113404.1	0.271437385	0.073678254	9.34319E-61
ENSG00000116406	EDEM3	0.271398262	0.073657017	6.5081E-63
ENSG00000110619	CARS1	0.271373459	0.073643554	6.68754E-63
ENSG00000188313	PLSCR1	0.27131849	0.073613723	7.10296E-63
ENSG00000128159	TUBGCP6	0.271303497	0.073605588	1.08092E-60

ENSG00000198915	RASGEF1A	0.271291152	0.073598889	1.01047E-61
ENSG00000091536	MYO15A	0.271269192	0.073586974	1.03499E-61
ENSG00000105135	ILVBL	0.271264308	0.073584325	3.47567E-64
ENSG00000073050	XRCC1	0.271190415	0.073544241	1.22243E-60
ENSG00000187815	ZFP69	0.271119349	0.073505702	8.83504E-63
ENSG00000179218	CALR	0.271099174	0.073494762	4.16768E-64
ENSG00000184428	TOP1MT	0.271079185	0.073483924	1.27355E-61
ENSG00000267419	ZNF56	0.27107626	0.073482339	9.26198E-63
ENSG00000178222	RNF212	0.271023578	0.07345378	1.35321E-61
ENSG00000146223	RPL7L1	0.271015	0.07344913	4.57161E-64
ENSG00000228923	AP000355.1	0.270989192	0.073435142	4.7031E-64
ENSG00000185087	N.A.	0.270988358	0.07343469	4.70741E-64
ENSG00000115459	ELMOD3	0.270978579	0.07342939	1.42129E-61
ENSG00000256594	AC010186.2	0.270803364	0.073334462	1.86172E-60
ENSG00000163069	SGCB	0.270795381	0.073330138	1.25953E-62

ENSG00000152409	JMY	0.270739188	0.073299708	6.18882E-64
ENSG00000134318	ROCK2	0.270724034	0.073291503	1.87581E-61
ENSG00000110171	TRIM3	0.270718232	0.073288361	1.37041E-62
ENSG00000153933	DGKE	0.270700997	0.07327903	1.39648E-62
ENSG00000223356	AL590666.1	0.270696572	0.073276634	1.40326E-62
ENSG00000119669	IRF2BPL	0.270691854	0.07327408	1.41051E-62
ENSG00000228302	AL512770.1	0.270683911	0.07326978	1.42282E-62
ENSG00000230925	N.A.	0.27067159	0.07326311	1.44211E-62
ENSG00000228340	MIR646HG	0.270667516	0.073260904	2.15756E-60
ENSG00000213024	NUP62	0.270614247	0.073232071	1.5354E-62
ENSG00000072609	CHFR	0.270546455	0.073195384	1.65346E-62
ENSG00000223478	AL441992.1	0.27052755	0.073185155	7.80614E-64
ENSG00000234465	PINLYP	0.270490835	0.073165292	1.75705E-62
ENSG00000026508	CD44	0.270445357	0.073140691	2.74551E-60
ENSG00000157881	PANK4	0.270443878	0.073139891	2.5449E-61

ENSG00000159921	GNE	0.270421492	0.073127783	1.89529E-62
ENSG00000158716	DUSP23	0.270387003	0.073109132	2.70736E-61
ENSG00000172244	C5orf34	0.270355342	0.073092011	2.03725E-62
ENSG00000100290	BIK	0.270343377	0.073085541	2.83894E-61
ENSG00000258702	AL137786.1	0.27027722	0.073049776	3.05073E-61
ENSG0000026025	VIM	0.270248559	0.073034284	3.39821E-60
ENSG00000180257	ZNF816	0.270220197	0.073018955	1.09321E-63
ENSG00000095261	PSMD5	0.270211731	0.07301438	2.38295E-62
ENSG00000154016	GRAP	0.270138582	0.072974854	2.58089E-62
ENSG00000162496	DHRS3	0.27010942	0.072959099	3.95087E-60
ENSG00000260539	N.A.	0.270077141	0.072941662	3.79185E-61
ENSG00000105695	MAG	0.270041674	0.072922506	2.86857E-62
ENSG00000227591	HSD11B1-AS1	0.270014735	0.072907957	1.36891E-63
ENSG00000248780	ARL4AP2	0.270011499	0.07290621	4.07211E-61
ENSG00000231202	TRGVB	0.269964135	0.072880634	1.44683E-63

ENSG00000157259	GATAD1	0.269937413	0.072866207	3.21382E-62
ENSG00000170876	TMEM43	0.269874234	0.072832102	4.72662E-61
ENSG00000188389	PDCD1	0.269811578	0.072798288	5.05923E-61
ENSG00000152433	ZNF547	0.269791822	0.072787627	5.57085E-60
ENSG00000250608	AC010210.1	0.269788036	0.072785584	3.78179E-62
ENSG00000149179	C11orf49	0.269728096	0.072753246	5.53889E-61
ENSG00000142655	PEX14	0.269723091	0.072750546	1.88308E-63
ENSG00000167702	KIFC2	0.269700744	0.072738491	4.15889E-62
ENSG00000070718	AP3M2	0.269699724	0.072737941	4.16351E-62
ENSG00000110852	CLEC2B	0.269649749	0.072710987	4.39628E-62
ENSG00000165731	RET	0.269640144	0.072705807	6.0933E-61
ENSG00000166188	ZNF319	0.269516775	0.072639292	2.35906E-63
ENSG00000178467	P4HTM	0.269516132	0.072638945	2.36072E-63
ENSG00000149357	LAMTOR1	0.269445988	0.07260114	5.48735E-62
ENSG00000228782	MRPL45P2	0.269311031	0.072528431	2.95292E-63

ENSG00000183889	AC138969.1	0.269288509	0.072516301	3.02636E-63
ENSG00000130816	DNMT1	0.269280834	0.072512168	6.56652E-62
ENSG00000108826	MRPL27	0.269262954	0.072502538	6.69536E-62
ENSG00000198931	APRT	0.269238624	0.072489437	9.24054E-59
ENSG00000116885	OSCP1	0.269225033	0.072482118	3.24329E-63
ENSG00000165695	AK8	0.269194181	0.072465507	7.2148E-62
ENSG00000148331	ASB6	0.26911369	0.072422178	7.87394E-62
ENSG00000182197	EXT1	0.269049764	0.072387776	3.92606E-63
ENSG00000101150	TPD52L2	0.269027327	0.072375703	8.64797E-62
ENSG00000137747	TMPRSS13	0.268985292	0.072353087	1.2383E-60
ENSG00000196312	MFSD14C	0.268930593	0.072323664	1.28634E-58
ENSG00000173409	ARV1	0.268860303	0.072285863	1.03664E-61
ENSG00000011275	RNF216	0.268731117	0.072216414	1.74913E-59
ENSG00000100599	RIN3	0.268724811	0.072213024	1.64091E-60
ENSG00000267279	AC090409.1	0.268722868	0.07221198	1.20325E-61

ENSG00000131126	TEX101	0.268707668	0.072203811	1.63381E-58
ENSG00000103653	CSK	0.268654888	0.072175449	1.29526E-61
ENSG00000156411	ATP5MPL	0.268651314	0.072173529	1.90596E-59
ENSG00000205476	CCDC85C	0.26864378	0.072169481	1.79098E-60
ENSG00000164849	GPR146	0.26863663	0.072165639	6.15582E-63
ENSG00000138311	ZNF365	0.268626834	0.072160376	1.33525E-61
ENSG00000138029	HADHB	0.268623782	0.072158736	6.24245E-63
ENSG00000236710	AC108448.2	0.26861656	0.072154856	1.8444E-60
ENSG00000060971	ACAA1	0.268610572	0.072151639	1.35898E-61
ENSG00000180979	LRRC57	0.268514873	0.072100237	1.50744E-61
ENSG00000109323	MANBA	0.268514386	0.072099976	1.50824E-61
ENSG00000115392	FANCL	0.268432244	0.07205587	1.64855E-61
ENSG00000239704	CDRT4	0.268395989	0.072036407	1.71455E-61
ENSG00000183439	TRIM61	0.268372045	0.072023554	2.40128E-60
ENSG00000162623	TYW3	0.26824564	0.071955724	2.75189E-60

ENSG0000082397	EPB41L3	0.268169325	0.071914787	2.9878E-60
ENSG00000137269	LRRC1	0.26812836	0.071892817	3.12262E-60
ENSG00000224875	EML4-AS1	0.26808639	0.071870313	3.4973E-59
ENSG00000175322	ZNF519	0.268008505	0.071828559	2.60723E-61
ENSG00000130997	POLN	0.267998291	0.071823084	2.63617E-61
ENSG00000148459	PDSS1	0.267960957	0.071803075	3.73953E-60
ENSG00000178996	SNX18	0.267939414	0.07179153	2.80934E-61
ENSG00000246067	RAB30-DT	0.267934334	0.071788807	2.8248E-61
ENSG00000035141	FAM136A	0.267917137	0.071779592	3.92016E-60
ENSG00000234329	AL604028.2	0.267860723	0.071749367	1.42956E-62
ENSG00000164850	GPBR1	0.267792407	0.071712773	3.29279E-61
ENSG00000145743	FBXL17	0.267790066	0.071711519	3.30112E-61
ENSG00000182782	HCAR2	0.267739127	0.07168424	1.63094E-62
ENSG00000122203	KIAA1191	0.267728796	0.071678708	3.52688E-61
ENSG00000087301	TXNDC16	0.267638647	0.071630446	5.28942E-60

ENSG00000174353	STAG3L3	0.26762282	0.071621974	3.95423E-61
ENSG00000151366	NDUFC2	0.267621668	0.071621357	5.75581E-59
ENSG00000083290	ULK2	0.267618878	0.071619864	1.85784E-62
ENSG00000205930	C21orf62-AS1	0.267602755	0.071611235	5.49749E-60
ENSG00000188895	MSL1	0.267595165	0.071607172	4.07399E-61
ENSG00000238227	TMEM250	0.267537707	0.071576425	5.89557E-60
ENSG00000140307	GTF2A2	0.267513407	0.071563423	4.44959E-61
ENSG00000188554	NBR1	0.267494039	0.071553061	2.12671E-62
ENSG00000133398	MED10	0.267481448	0.071546325	4.60562E-61
ENSG00000188290	HES4	0.267437747	0.071522948	4.82783E-61
ENSG00000187105	HEATR4	0.267424091	0.071515644	4.89944E-61
ENSG00000108309	RUNDC3A	0.267394136	0.071499624	2.36952E-62
ENSG00000029639	TFB1M	0.267370944	0.071487222	7.0522E-60
ENSG00000169429	CXCL8	0.267340235	0.071470801	5.36291E-61
ENSG00000175898	N.A.	0.267286466	0.071442055	2.66219E-62

ENSG00000235890	TSPEAR-AS1	0.267149553	0.071368884	9.53834E-59
ENSG00000237075	N.A.	0.26714134	0.071364496	6.6443E-61
ENSG00000143167	GPA33	0.267098505	0.071341611	6.9579E-61
ENSG00000173653	RCE1	0.267073095	0.071328038	7.15085E-61
ENSG00000142347	MYO1F	0.267026379	0.071303087	7.5196E-61
ENSG00000182087	TMEM259	0.266972104	0.071274104	1.04284E-57
ENSG00000185818	NAT8L	0.266968506	0.071272183	8.00278E-61
ENSG00000172301	COPRS	0.266892126	0.071231407	8.68812E-61
ENSG00000149531	FRG1BP	0.26687375	0.071221598	8.86154E-61
ENSG00000111058	ACSS3	0.266855961	0.071212104	1.22524E-59
ENSG00000160505	NLRP4	0.26681534	0.071190425	9.43601E-61
ENSG00000090263	MRPS33	0.266746647	0.071153774	4.76954E-62
ENSG00000087088	BAX	0.266715714	0.071137272	1.05027E-60
ENSG00000141576	RNF157	0.266545038	0.071046257	1.26164E-60
ENSG00000179296	N.A.	0.266499425	0.071021944	1.32498E-60

ENSG00000253981	ALG1L13P	0.266476114	0.071009519	1.84002E-59
ENSG00000224295	OLFM5P	0.266447511	0.070994276	2.01761E-58
ENSG00000137411	VAR52	0.266429859	0.07098487	1.42773E-60
ENSG00000163812	ZDHHC3	0.266426193	0.070982916	1.43336E-60
ENSG00000077549	CAPZB	0.266416674	0.070977844	1.44808E-60
ENSG00000225850	AL355490.1	0.266411206	0.070974931	1.4566E-60
ENSG00000000457	SCYL3	0.266402502	0.070970293	6.91216E-62
ENSG00000171467	ZNF318	0.266390956	0.070964141	1.48861E-60
ENSG00000123901	GPR83	0.266378579	0.070957547	7.09262E-62
ENSG00000084774	CAD	0.266355573	0.070945291	1.54622E-60
ENSG00000230587	LINC02580	0.266271414	0.070900466	2.43385E-58
ENSG00000177606	JUN	0.266244344	0.070886051	2.3574E-59
ENSG00000110429	FBXO3	0.266233288	0.070880163	8.29386E-62
ENSG00000089163	SIRT4	0.266167992	0.0708454	1.89085E-60
ENSG00000211676	IGLJ2	0.266045662	0.070780294	2.15579E-60

ENSG00000107957	SH3PXD2A	0.26601419	0.070763549	2.22973E-60
ENSG00000187607	ZNF286A	0.266011669	0.070762208	2.23577E-60
ENSG00000122565	CBX3	0.265978384	0.070744501	3.32429E-58
ENSG00000156958	GALK2	0.265969494	0.070739772	2.33911E-60
ENSG00000254016	ALG1L10P	0.265942439	0.070725381	1.13411E-61
ENSG00000115946	PNO1	0.265914722	0.070710639	2.48045E-60
ENSG00000229628	AC073115.1	0.265868939	0.070686293	3.51971E-59
ENSG00000227953	LINC01341	0.265832264	0.070666793	3.88288E-58
ENSG00000237217	AC008074.1	0.265816205	0.070658255	1.29893E-61
ENSG00000161955	TNFSF13	0.265790814	0.070644757	2.83238E-60
ENSG00000160716	CHRN2	0.265716748	0.07060539	1.44541E-61
ENSG00000138107	ACTR1A	0.265712132	0.070602937	3.08124E-60
ENSG00000105255	FSD1	0.265706058	0.070599709	3.10133E-60
ENSG00000151466	SCLT1	0.265679796	0.070585754	4.3063E-59
ENSG00000150076	N.A.	0.265627648	0.070558048	3.37273E-60

ENSG00000120833	SOCS2	0.265617092	0.070552439	4.60392E-59
ENSG00000088882	CPXM1	0.265515674	0.070498573	5.12926E-59
ENSG00000117153	KLHL12	0.265481563	0.07048046	5.63478E-58
ENSG00000167723	TRPV3	0.265447726	0.070462495	5.84073E-58
ENSG00000119906	SLF2	0.265368383	0.070420379	6.00025E-59
ENSG00000100239	PPP6R2	0.265354057	0.070412776	6.09245E-59
ENSG00000131781	FMO5	0.265218409	0.070340804	7.44842E-58
ENSG00000196557	CACNA1H	0.265203721	0.070333014	6.79437E-57
ENSG00000230099	TRBV5-4	0.265167934	0.070314033	2.60442E-61
ENSG00000173744	AGFG1	0.265143239	0.070300937	8.06594E-58
ENSG00000031698	SARS1	0.265102765	0.070279476	5.9095E-60
ENSG00000158793	NIT1	0.265091331	0.070273414	8.05701E-59
ENSG00000262636	AC099489.2	0.265086199	0.070270693	8.56833E-58
ENSG00000055917	PUM2	0.265062737	0.070258254	8.30571E-59
ENSG00000243323	PTPRVP	0.265051458	0.070252275	8.40589E-59

ENSG00000262359	N.A.	0.264986312	0.070217745	9.00855E-59
ENSG00000163877	SNIP1	0.264944436	0.070195554	6.99703E-60
ENSG00000075073	TACR2	0.264892506	0.07016804	3.49798E-61
ENSG00000174792	ODAPH	0.264854451	0.07014788	1.03632E-58
ENSG00000230555	AL450326.1	0.264852081	0.070146625	7.72118E-60
ENSG00000254352	AC100854.1	0.264812333	0.070125572	8.05538E-60
ENSG00000087274	ADD1	0.264716793	0.070074981	8.91878E-60
ENSG00000206077	ZDHHC11B	0.264700555	0.070066384	1.155E-56
ENSG00000245213	AC105285.1	0.264665318	0.07004773	1.26678E-58
ENSG00000100592	DAAM1	0.264651654	0.070040498	9.55969E-60
ENSG00000263412	NFE2L1-DT	0.264646113	0.070037565	1.29286E-58
ENSG00000183423	LRIT3	0.264627246	0.070027579	9.81148E-60
ENSG00000110921	MVK	0.264626753	0.070027318	1.31969E-58
ENSG00000104852	SNRNP70	0.264514698	0.069968025	1.10607E-59
ENSG00000110080	ST3GAL4	0.264513725	0.069967511	1.4878E-58

ENSG00000168329	CX3CR1	0.264478337	0.069948791	1.62978E-57
ENSG00000141655	TNFRSF11A	0.264451824	0.069934767	1.58873E-58
ENSG00000138246	DNAJC13	0.264447009	0.069932221	1.1887E-59
ENSG00000134308	YWHAQ	0.264442209	0.069929682	1.19479E-59
ENSG00000266718	AC079336.5	0.264411009	0.069913181	1.56657E-56
ENSG00000174326	SLC16A11	0.264398265	0.069906442	1.25199E-59
ENSG00000108813	DLX4	0.264369262	0.069891107	6.12027E-61
ENSG00000182578	CSF1R	0.264363942	0.069888294	1.74385E-58
ENSG00000130714	POMT1	0.2643449	0.069878226	1.32512E-59
ENSG00000178922	HYI	0.264318877	0.069864469	1.36232E-59
ENSG00000235374	SSR4P1	0.264302878	0.069856011	1.86042E-58
ENSG00000135945	REV1	0.26429049	0.069849463	1.885E-58
ENSG00000108344	PSMD3	0.264243519	0.069824637	1.47599E-59
ENSG00000213542	AC007000.1	0.264243028	0.069824378	1.47676E-59
ENSG00000267243	AC005381.1	0.264154593	0.069777649	2.29373E-57

ENSG00000102934	PLLP	0.264053346	0.069724169	2.55219E-57
ENSG0000010361	FUZ	0.263992419	0.069691997	2.7215E-57
ENSG00000134873	CLDN10	0.263947176	0.069668112	2.7112E-58
ENSG00000169180	XPO6	0.263924383	0.06965608	9.83797E-61
ENSG00000185022	MAFF	0.263917555	0.069652476	2.79749E-58
ENSG00000153071	DAB2	0.26391007	0.069648525	2.96823E-57
ENSG00000114956	DGUOK	0.263883786	0.069634653	2.89922E-58
ENSG00000124164	VAPB	0.263763706	0.069571292	2.45711E-59
ENSG00000164975	SNAPC3	0.263763237	0.069571045	2.45833E-59
ENSG00000133424	LARGE1	0.263743831	0.069560809	3.53625E-57
ENSG00000178295	GEN1	0.263719901	0.069548186	3.62647E-57
ENSG00000269676	N.A.	0.263670042	0.069521891	2.7138E-59
ENSG00000223886	AC073073.1	0.263545206	0.069456076	3.0979E-59
ENSG00000111412	SPRING1	0.263543424	0.069455136	4.15428E-58
ENSG00000233746	LINC00656	0.263513265	0.069439241	3.20458E-59

ENSG00000184293	CLECL1	0.263497374	0.069430866	4.36128E-58
ENSG00000156599	ZDHHC5	0.263437801	0.069399475	1.65161E-60
ENSG00000057593	F7	0.263397105	0.069378035	5.09294E-57
ENSG00000211727	TRBV7-6	0.263310493	0.069332416	5.31213E-58
ENSG00000100258	LMF2	0.263290973	0.069322136	5.69396E-57
ENSG00000128595	CALU	0.263222429	0.069286047	4.36078E-59
ENSG00000159403	C1R	0.263217976	0.069283703	5.85663E-58
ENSG00000132635	PCED1A	0.263156157	0.069251163	6.25108E-58
ENSG00000267127	AC090360.1	0.26311924	0.069231734	4.864E-59
ENSG00000148229	POLE3	0.263071107	0.069206407	5.11812E-59
ENSG00000138101	DTNB	0.263058882	0.069199975	7.26568E-57
ENSG00000167323	STIM1	0.263049596	0.06919509	2.49506E-60
ENSG00000067182	TNFRSF1A	0.26302628	0.069182824	2.5576E-60
ENSG00000184009	ACTG1	0.262957492	0.069146643	7.70678E-58
ENSG00000165118	C9orf64	0.262891099	0.06911173	8.26494E-58

ENSG00000233231	HNRNPA1P49	0.262876136	0.069103863	6.28997E-59
ENSG00000109046	WSB1	0.262830831	0.069080046	6.59847E-59
ENSG00000160094	ZNF362	0.262801879	0.069064828	3.24531E-60
ENSG00000222020	HDAC4-AS1	0.262753314	0.069039304	9.55501E-58
ENSG00000114529	C3orf52	0.262724609	0.06902422	9.84803E-58
ENSG00000137601	NEK1	0.262680772	0.069001188	7.73199E-59
ENSG00000165678	GHITM	0.262677815	0.068999635	3.70161E-60
ENSG00000242485	MRPL20	0.262643073	0.068981384	8.04601E-59
ENSG00000267481	AC011477.1	0.262638909	0.068979196	3.85747E-60
ENSG00000167236	N.A.	0.262627489	0.068973198	1.14224E-56
ENSG00000148737	TCF7L2	0.262535216	0.06892474	9.01631E-59
ENSG00000156170	NDUFAF6	0.262495383	0.068903826	1.31174E-56
ENSG00000169118	CSNK1G1	0.262487325	0.068899596	4.52959E-60
ENSG00000236540	AC006547.1	0.262482136	0.068896872	9.53577E-59
ENSG00000264764	MIR4772	0.262464862	0.068887804	9.71117E-59

ENSG00000127191	TRAF2	0.26246441	0.068887567	4.64087E-60
ENSG00000186501	TMEM222	0.262457395	0.068883884	9.78798E-59
ENSG00000234684	SDCBP2-AS1	0.262453251	0.068881709	1.31003E-57
ENSG00000166402	TUB	0.262433301	0.068871237	1.39983E-56
ENSG00000099960	SLC7A4	0.262365717	0.06883577	1.07818E-58
ENSG00000152291	TGOLN2	0.262349526	0.068827274	1.46087E-57
ENSG00000223865	HLA-DPB1	0.262332454	0.068818317	1.48731E-57
ENSG00000056050	HPF1	0.262322466	0.068813076	5.3935E-60
ENSG00000187621	TCL6	0.262308116	0.068805548	1.41648E-55
ENSG00000118680	MYL12B	0.262286611	0.068794266	1.17197E-58
ENSG00000265458	AC132938.3	0.262258942	0.068779753	5.76858E-60
ENSG00000237520	AL391832.1	0.262254457	0.0687774	1.21238E-58
ENSG00000228623	ZNF883	0.262247071	0.068773526	1.62684E-57
ENSG00000234431	AC007283.1	0.26219303	0.068745185	1.72181E-57
ENSG00000203710	CR1	0.262177617	0.068737103	1.74989E-57

ENSG00000143224	PPOX	0.262164513	0.068730232	1.33293E-58
ENSG00000149809	TM7SF2	0.26213282	0.068713616	1.37819E-58
ENSG00000100055	CYTH4	0.262094133	0.068693335	1.91013E-57
ENSG00000239688	N.A.	0.262008251	0.068648324	7.51998E-60
ENSG00000028203	VEZT	0.261961932	0.068624054	1.64995E-58
ENSG00000078401	EDN1	0.261956499	0.068621207	2.3047E-56
ENSG00000170540	ARL6IP1	0.261896904	0.068589988	1.76684E-58
ENSG00000110107	PRPF19	0.261870299	0.068576054	1.81701E-58
ENSG00000213290	PGK1P2	0.261848967	0.068564882	8.89845E-60
ENSG00000173239	LIPM	0.26184891	0.068564852	8.89898E-60
ENSG00000124356	STAMPB	0.261806116	0.068542442	2.58364E-57
ENSG00000169398	PTK2	0.261795312	0.068536785	2.61306E-57
ENSG00000124882	EREG	0.261762221	0.068519461	2.03583E-58
ENSG00000219392	ZNF602P	0.261729046	0.068502094	1.00998E-59
ENSG00000174891	RSRC1	0.261705178	0.0684896	2.87185E-57

ENSG00000174130	TLR6	0.261694604	0.068484066	2.18587E-58
ENSG00000151135	TMEM263	0.261694069	0.068483786	1.04797E-59
ENSG00000250539	KRT8P33	0.261676091	0.068474377	2.22884E-58
ENSG00000128438	TBC1D27P	0.261672193	0.068472337	3.10108E-56
ENSG00000170266	GLB1	0.261646712	0.068459002	3.05321E-57
ENSG00000173530	TNFRSF10D	0.261642333	0.06845671	3.06724E-57
ENSG00000110395	CBL	0.261640295	0.068455644	3.07379E-57
ENSG00000153291	SLC25A27	0.261592505	0.068430638	2.43355E-58
ENSG00000237471	AC073115.2	0.261590793	0.068429743	3.37589E-56
ENSG00000240694	PNMA2	0.26151823	0.068391785	1.26163E-59
ENSG00000144199	FAHD2B	0.261472634	0.068367939	2.76022E-58
ENSG00000178201	VN1R1	0.261458341	0.068360464	2.80197E-58
ENSG00000110324	IL10RA	0.261370942	0.06831477	3.07134E-58
ENSG00000171105	INSR	0.261370414	0.068314493	3.75609E-55
ENSG00000148700	ADD3	0.261345833	0.068301644	1.51313E-59

ENSG00000261903	N.A.	0.261331079	0.068293933	3.20262E-58
ENSG00000132846	ZBED3	0.261288641	0.068271754	4.62541E-56
ENSG00000234511	C5orf58	0.261196622	0.068223676	1.77074E-59
ENSG00000178445	GLDC	0.261158052	0.068203528	3.84032E-58
ENSG00000116473	RAP1A	0.261134867	0.068191419	3.93486E-58
ENSG00000180758	GPR157	0.261116667	0.068181914	5.53233E-56
ENSG00000257815	PRANCR	0.261067564	0.068156273	4.22265E-58
ENSG00000137807	KIF23	0.261029118	0.068136201	2.11228E-59
ENSG00000063241	ISOC2	0.260966491	0.068103509	4.69468E-58
ENSG00000082196	C1QTNF3	0.260928846	0.068083863	4.88362E-58
ENSG00000106443	PHF14	0.260884038	0.068060481	5.11839E-58
ENSG00000180992	MRPL14	0.260873214	0.068054834	5.17677E-58
ENSG00000167785	ZNF558	0.260852394	0.068043971	7.00469E-57
ENSG00000264954	PRR29-AS1	0.260843281	0.068039217	5.34169E-58
ENSG00000105997	HOXA3	0.26083199	0.068033327	2.59911E-59

ENSG00000112941	TENT4A	0.260820257	0.068027206	7.24357E-57
ENSG00000007372	PAX6	0.260697321	0.067963093	2.99442E-59
ENSG00000171262	FAM98B	0.260653979	0.067940497	6.51284E-58
ENSG00000142544	CTU1	0.260652952	0.067939961	6.51984E-58
ENSG0000014123	UFL1	0.260630834	0.067928432	6.67254E-58
ENSG00000230989	HSBP1	0.260552594	0.067887654	9.94343E-56
ENSG00000066923	STAG3	0.260513806	0.067867443	1.03519E-55
ENSG00000100316	RPL3	0.260483532	0.067851671	7.78441E-58
ENSG00000167395	ZNF646	0.26044905	0.067833707	8.07027E-58
ENSG00000240024	LINC00888	0.260357146	0.067785844	8.88425E-58
ENSG00000139835	GRTP1	0.260328517	0.067770937	1.25461E-55
ENSG00000116254	CHD5	0.260258879	0.067734684	1.30025E-56
ENSG00000106004	HOXA5	0.260229112	0.067719191	4.89566E-59
ENSG00000205707	ETFRF1	0.260222419	0.067715707	1.02275E-57
ENSG00000077935	SMC1B	0.260094393	0.067649093	5.63847E-59

ENSG00000177700	POLR2L	0.260065751	0.067634195	5.81032E-59
ENSG00000134709	HOOK1	0.260025551	0.067613287	1.25619E-57
ENSG00000184584	STING1	0.25998417	0.067591769	1.31164E-57
ENSG00000189143	CLDN4	0.259976023	0.067587532	1.32284E-57
ENSG00000171282	N.A.	0.259966382	0.06758252	1.82591E-55
ENSG00000146842	TMEM209	0.25996607	0.067582358	6.45006E-59
ENSG00000213699	SLC35F6	0.259961574	0.06758002	6.48052E-59
ENSG00000197860	SGTB	0.259935646	0.06756654	1.81984E-56
ENSG00000079263	SP140	0.25988278	0.067539059	1.92262E-56
ENSG00000250366	TUNAR	0.259672161	0.067429631	2.47568E-55
ENSG00000152380	FAM151B	0.259670033	0.067428526	1.82012E-57
ENSG00000260855	AL591848.3	0.259592386	0.067388207	1.97351E-57
ENSG00000163154	TNFAIP8L2	0.25950634	0.067343541	2.84204E-56
ENSG00000010219	DYRK4	0.259456916	0.067317891	2.99154E-56
ENSG00000136490	LIMD2	0.259354379	0.067264694	2.52857E-57

ENSG00000262370	AC108134.3	0.259328349	0.067251193	2.59801E-57
ENSG00000138722	MMRN1	0.259278018	0.067225091	2.7377E-57
ENSG00000086544	ITPKC	0.259195747	0.067182435	2.98231E-57
ENSG00000078795	PKD2L2	0.259156943	0.067162321	1.50337E-58
ENSG00000144043	TEX261	0.259141338	0.067154233	3.15591E-57
ENSG00000236675	MTX1P1	0.259101226	0.067133445	3.29031E-57
ENSG00000104081	BMF	0.259081912	0.067123437	3.35704E-57
ENSG00000173715	C11orf80	0.259069586	0.06711705	3.40034E-57
ENSG00000173068	BNC2	0.259010472	0.067086425	1.75167E-58
ENSG00000141665	FBXO15	0.258826569	0.066991193	4.37692E-57
ENSG00000260412	AL353746.1	0.258793346	0.066973996	6.13158E-55
ENSG00000183597	TANGO2	0.258746989	0.066950004	6.23962E-56
ENSG00000180422	LINC00304	0.258684731	0.06691779	6.6544E-56
ENSG00000088899	LZTS3	0.258675207	0.066912862	6.72023E-56
ENSG00000263004	AC007114.1	0.258672985	0.066911713	6.73568E-56

ENSG00000158874	APOA2	0.258667547	0.0669089	5.16243E-57
ENSG00000163534	FCRL1	0.25864958	0.066899605	2.55178E-58
ENSG00000005075	POLR2J	0.258636049	0.066892606	6.99775E-56
ENSG00000085231	AK6	0.258624286	0.066886521	2.61991E-58
ENSG00000253641	LINCR-0001	0.258541616	0.066843767	6.9448E-54
ENSG00000064989	CALCRL	0.258524179	0.066834751	2.90775E-58
ENSG00000179057	IGSF22	0.258515483	0.066830255	2.9342E-58
ENSG00000111615	KRR1	0.258477563	0.066810651	6.28682E-57
ENSG00000160392	C19orf47	0.258475146	0.066809401	8.2631E-56
ENSG00000228403	AC035139.1	0.258323236	0.066730894	9.66598E-56
ENSG00000140022	STON2	0.258298618	0.066718176	9.91467E-56
ENSG00000114841	DNAH1	0.258295189	0.066716405	9.94981E-56
ENSG00000134109	EDEM1	0.25820622	0.066670452	1.09062E-55
ENSG00000105341	DMAC2	0.25819996	0.06666722	8.38197E-57
ENSG00000079215	SLC1A3	0.258183807	0.066658878	8.52334E-57

ENSG00000146221	TCTE1	0.258171184	0.06665236	8.63547E-57
ENSG00000142973	CYP4B1	0.258163812	0.066648554	8.70163E-57
ENSG00000164691	TAGAP	0.258080356	0.06660547	4.61349E-58
ENSG00000135045	C9orf40	0.258060238	0.066595086	1.30305E-54
ENSG00000122432	SPATA1	0.258048433	0.066588994	1.28329E-55
ENSG00000130348	QRSL1	0.258022542	0.066575632	1.00716E-56
ENSG00000204070	SYS1	0.258006605	0.066567408	4.98086E-58
ENSG00000117616	RSRP1	0.257996225	0.066562052	1.03496E-56
ENSG00000096006	CRISP3	0.257988164	0.066557893	1.04363E-56
ENSG00000196187	TMEM63A	0.257983694	0.066555587	1.37183E-55
ENSG00000104823	ECH1	0.257925843	0.06652574	5.41664E-58
ENSG00000233895	N.A.	0.257892376	0.066508478	1.50714E-55
ENSG00000163694	RBM47	0.25786362	0.066493647	1.3897E-53
ENSG00000105518	TMEM205	0.25785746	0.06649047	5.81517E-58
ENSG00000134574	DDB2	0.257744525	0.06643224	1.34261E-56

ENSG00000218891	ZNF579	0.257709558	0.066414216	6.77979E-58
ENSG0000078070	MCCC1	0.257650873	0.066383972	1.47901E-56
ENSG0000012061	ERCC1	0.257633319	0.066374927	1.96772E-55
ENSG00000123992	DNPEP	0.257530105	0.066321755	1.67546E-56
ENSG00000232931	LINC00342	0.257526599	0.066319949	1.68154E-56
ENSG00000184682	N.A.	0.25751727	0.066315144	2.27377E-54
ENSG00000069248	NUP133	0.25742146	0.066265808	9.1396E-58
ENSG00000124762	CDKN1A	0.257396396	0.066252905	2.23867E-53
ENSG00000127527	EPS15L1	0.257296919	0.066201705	2.78066E-55
ENSG00000165300	SLITRK5	0.257236471	0.066170602	2.95876E-55
ENSG00000152229	PSTPIP2	0.257212223	0.066158128	2.32574E-56
ENSG00000142583	SLC2A5	0.257207995	0.066155953	3.12035E-54
ENSG00000163743	RCHY1	0.257201939	0.066152837	2.35053E-56
ENSG00000205786	LINC01531	0.257169157	0.066135975	3.1705E-55
ENSG00000181215	C4orf50	0.257165548	0.066134119	3.25877E-54

ENSG00000203705	TATDN3	0.257026074	0.066062402	3.67199E-55
ENSG00000132196	HSD17B7	0.257019729	0.066059141	3.69597E-55
ENSG00000148429	USP6NL	0.256927332	0.066011654	3.6094E-53
ENSG00000217075	N.A.	0.256898534	0.065996857	1.57016E-57
ENSG00000141506	PIK3R5	0.256844768	0.065969235	3.39587E-56
ENSG00000134152	KATNBL1	0.256823113	0.065958111	3.47241E-56
ENSG00000146247	PHIP	0.256783373	0.065937701	1.76859E-57
ENSG00000136877	FPGS	0.256779413	0.065935667	4.72874E-55
ENSG00000074800	ENO1	0.256757641	0.065924486	3.71441E-56
ENSG00000135049	AGTPBP1	0.25672271	0.06590655	5.12273E-54
ENSG00000267213	AC007773.1	0.256686928	0.065888179	3.99468E-56
ENSG00000197943	PLCG2	0.256683612	0.065886477	5.21645E-55
ENSG00000150540	HNMT	0.256643876	0.065866079	5.43315E-55
ENSG00000141232	TOB1	0.256617394	0.065852487	5.58253E-55
ENSG00000124299	PEPD	0.256580825	0.06583372	5.79553E-55

ENSG00000181135	ZNF707	0.256498662	0.065791563	6.30411E-55
ENSG00000236104	ZBTB22	0.256497464	0.065790949	2.37591E-57
ENSG00000216937	CCDC7	0.256493423	0.065788876	4.87395E-56
ENSG00000213445	SIPA1	0.256483596	0.065783835	4.92343E-56
ENSG00000182504	CEP97	0.256434141	0.065758468	5.18008E-56
ENSG00000230593	PPIAP40	0.256388265	0.065734942	5.43005E-56
ENSG00000078142	PIK3C3	0.256314004	0.065696869	5.86038E-56
ENSG00000261286	ATP2C2-AS1	0.256207441	0.065642253	8.49166E-55
ENSG00000243664	RPS29P12	0.256173961	0.065625098	3.3166E-57
ENSG00000110660	SLC35F2	0.25614337	0.065609426	6.98219E-56
ENSG00000049759	NEDD4L	0.256141836	0.06560864	6.99319E-56
ENSG00000143554	SLC27A3	0.256130132	0.065602644	3.46979E-57
ENSG00000060491	OGFR	0.256114837	0.06559481	9.33458E-55
ENSG00000013364	MVP	0.256112244	0.065593481	3.53432E-57
ENSG00000182446	NPLOC4	0.256101669	0.065588065	4.4161E-51

ENSG00000179051	RCC2	0.256062041	0.065567769	7.58974E-56
ENSG00000164989	CCDC171	0.256013314	0.065542817	7.97866E-56
ENSG00000164754	RAD21	0.2558715	0.065470225	9.22714E-56
ENSG00000129235	TXNDC17	0.255822157	0.065444976	4.76424E-57
ENSG00000120217	CD274	0.255784276	0.065425596	1.00898E-55
ENSG00000260391	AC022336.2	0.255764074	0.065415261	5.05756E-57
ENSG00000159166	LAD1	0.255655011	0.065359484	1.15179E-55
ENSG00000131400	NAPSA	0.255624182	0.065343722	1.56722E-53
ENSG00000134198	TSPAN2	0.255610731	0.065336846	1.5615E-54
ENSG00000134330	IAH1	0.255593341	0.065327956	1.22685E-55
ENSG00000124251	TP53TG5	0.255541888	0.065301656	1.29319E-55
ENSG00000124784	RIOK1	0.255519969	0.065290454	6.50003E-57
ENSG00000166263	STXBP4	0.255519846	0.065290392	6.50085E-57
ENSG00000139112	GABARAPL1	0.25548988	0.065275079	1.55026E-52
ENSG00000095539	SEMA4G	0.255466282	0.065263021	1.80916E-54

ENSG00000100227	POLDIP3	0.255436781	0.065247949	1.86436E-54
ENSG00000178966	RMI1	0.25539111	0.065224619	1.98543E-53
ENSG00000176597	B3GNT5	0.255379281	0.065218577	1.52722E-55
ENSG00000121940	CLCC1	0.255372055	0.065214887	2.02418E-53
ENSG00000176261	ZBTB8OS	0.255305371	0.065180832	1.6471E-55
ENSG00000110318	CEP126	0.255290963	0.065173476	1.67154E-55
ENSG00000126822	PLEKHG3	0.255255605	0.065155424	1.73305E-55
ENSG00000213839	TMX2P1	0.255143385	0.065098147	9.56753E-57
ENSG00000167202	TBC1D2B	0.255080979	0.065066306	2.07152E-55
ENSG00000135900	MRPL44	0.25506311	0.06505719	1.03885E-56
ENSG00000231822	SMC3P1	0.2550603	0.065055757	2.11573E-55
ENSG00000066185	ZMYND12	0.255057068	0.065054108	1.0453E-56
ENSG00000114315	HES1	0.254996902	0.06502342	2.2572E-55
ENSG00000126456	IRF3	0.254969793	0.065009595	2.99855E-54
ENSG00000164638	SLC29A4	0.254960848	0.065005034	3.07048E-53

ENSG00000255987	TOMM20P2	0.254899188	0.064973596	2.49392E-55
ENSG00000258689	LINC01269	0.254742546	0.064893765	2.50476E-51
ENSG00000103591	AAGAB	0.254684031	0.064863956	3.495E-52
ENSG00000228216	AL355607.1	0.254682687	0.064863271	3.11012E-55
ENSG00000144040	SFXN5	0.254531739	0.064786406	4.67857E-54
ENSG00000166508	MCM7	0.254511395	0.06477605	4.77613E-54
ENSG00000157045	NTAN1	0.254419581	0.064729323	4.06622E-55
ENSG00000143420	ENSA	0.254418315	0.064728679	5.31423E-53
ENSG00000125656	CLPP	0.254400521	0.064719625	2.04718E-56
ENSG00000177675	CD163L1	0.254394884	0.064716757	5.3752E-54
ENSG00000119397	CNTRL	0.254328631	0.064683053	2.20327E-56
ENSG00000168395	ING5	0.254286853	0.064661804	2.29937E-56
ENSG00000124151	NCOA3	0.254206812	0.064621103	6.57893E-53
ENSG00000186300	ZNF555	0.254191963	0.064613554	6.60248E-54
ENSG00000183207	RUVBL2	0.254142749	0.064588537	2.664E-56

ENSG00000139572	GPR84	0.254120771	0.064577366	2.72446E-56
ENSG00000187091	PLCD1	0.254116544	0.064575218	5.53481E-55
ENSG00000198846	TOX	0.254013273	0.064522743	6.14747E-55
ENSG00000182747	SLC35D3	0.253990369	0.064511108	6.29225E-55
ENSG00000233013	FAM157B	0.253980134	0.064505908	6.35804E-55
ENSG00000151353	TMEM18	0.253966995	0.064499234	6.4435E-55
ENSG00000235106	BRD3OS	0.253957997	0.064494664	3.21685E-56
ENSG00000112367	FIG4	0.253946553	0.064488852	3.25463E-56
ENSG00000101213	PTK6	0.253945517	0.064488325	8.47359E-54
ENSG00000104332	SFRP1	0.253939654	0.064485348	8.524E-54
ENSG00000261744	AC116552.1	0.253928422	0.064479644	8.62143E-54
ENSG00000151176	PLBD2	0.253909487	0.064470028	8.78818E-54
ENSG00000073756	PTGS2	0.253903942	0.064467212	8.83762E-54
ENSG00000235602	POU5F1P3	0.253815996	0.06442256	3.71819E-56
ENSG00000236088	COX10-AS1	0.253766973	0.064397677	6.64927E-51

ENSG00000127663	KDM4B	0.253748352	0.064388226	1.03436E-53
ENSG00000144362	PHOSPHO2	0.253745404	0.06438673	8.06978E-55
ENSG00000117009	KMO	0.253710559	0.064369048	8.36031E-55
ENSG00000122862	SRGN	0.253689227	0.064358224	8.54329E-55
ENSG00000138768	USO1	0.253647352	0.064336979	8.91415E-55
ENSG00000162888	C1orf147	0.253619421	0.064322811	9.17039E-55
ENSG00000172346	CSDC2	0.253598751	0.064312327	9.36472E-55
ENSG00000106608	URGCP	0.253573571	0.064299556	9.607E-55
ENSG00000131165	CHMP1A	0.253552142	0.064288689	1.26119E-53
ENSG00000184489	PTP4A3	0.253458668	0.064241296	1.07942E-54
ENSG00000207736	MIR657	0.253446446	0.064235101	1.09288E-54
ENSG00000186994	KANK3	0.253436163	0.064229889	1.4179E-53
ENSG00000109736	MFSD10	0.253435259	0.06422943	1.43094E-52
ENSG00000050426	LETMD1	0.253430494	0.064227015	1.1107E-54
ENSG00000197548	ATG7	0.253428467	0.064225988	5.5181E-56

ENSG00000182718	ANXA2	0.253423479	0.06422346	1.11863E-54
ENSG00000182903	ZNF721	0.253413439	0.064218371	5.60315E-56
ENSG00000121101	TEX14	0.253359931	0.064191255	1.19304E-54
ENSG00000148335	NTMT1	0.253304204	0.06416302	1.6324E-52
ENSG00000154589	LY96	0.253252954	0.064137059	1.32962E-54
ENSG00000082805	ERC1	0.253239195	0.06413009	1.74256E-52
ENSG00000105245	NUMBL	0.253215676	0.064118179	1.77119E-53
ENSG00000112357	PEX7	0.253213012	0.064116829	6.87047E-56
ENSG00000205534	SMG1P2	0.253131553	0.064075583	7.46372E-56
ENSG00000125122	LRRC29	0.253060288	0.064039509	8.02439E-56
ENSG00000165948	IFI27L1	0.253030069	0.064024216	1.66618E-54
ENSG00000187554	TLR5	0.252995796	0.064006873	8.56781E-56
ENSG00000084092	NOA1	0.252977545	0.063997638	1.75712E-54
ENSG00000173960	UBXN2A	0.252962503	0.063990028	1.78406E-54
ENSG00000178226	PRSS36	0.252943531	0.06398043	1.81863E-54

ENSG00000100053	CRYBB3	0.252939873	0.063978579	1.82537E-54
ENSG00000133983	COX16	0.252929533	0.063973349	9.16433E-56
ENSG00000099797	TECR	0.252871341	0.063943915	1.95637E-54
ENSG00000175170	FAM182B	0.252826357	0.063921167	2.0474E-54
ENSG00000169220	RGS14	0.252717929	0.063866351	2.28453E-54
ENSG00000198793	MTOR	0.25270727	0.063860964	1.14838E-55
ENSG00000120699	EXOSC8	0.252674993	0.063844652	2.38582E-54
ENSG00000112294	ALDH5A1	0.252638001	0.06382596	2.47666E-54
ENSG00000101079	NDRG3	0.252620887	0.063817312	2.08189E-50
ENSG00000242686	PDE6B-AS1	0.252512536	0.063762581	1.39913E-55
ENSG00000173212	MAB21L3	0.252500458	0.063756481	2.84567E-54
ENSG00000171649	ZIK1	0.252493311	0.063752872	3.6656E-53
ENSG00000073921	PICALM	0.252491077	0.063751744	3.68963E-52
ENSG00000100060	MFNG	0.252479846	0.063746073	1.44626E-55
ENSG00000061676	NCKAP1	0.25245776	0.063734921	2.97099E-54

ENSG00000238151	MLLT10P1	0.252448649	0.06373032	2.99844E-54
ENSG00000093183	SEC22C	0.252440878	0.063726397	3.02205E-54
ENSG00000072682	P4HA2	0.252429643	0.063720725	3.90784E-53
ENSG00000068878	PSME4	0.252408304	0.063709952	3.12304E-54
ENSG00000104880	ARHGEF18	0.252404173	0.063707866	3.13608E-54
ENSG00000175193	PARL	0.252399674	0.063705595	1.56867E-55
ENSG00000152223	EPG5	0.252386111	0.063698749	4.08257E-53
ENSG00000230163	AL122010.1	0.25238056	0.063695947	1.59935E-55
ENSG00000109113	RAB34	0.252377924	0.063694617	4.11629E-53
ENSG00000151651	ADAM8	0.252331045	0.063670956	4.31479E-53
ENSG00000235652	FBXO30-DT	0.252285374	0.06364791	1.76122E-55
ENSG00000127329	PTPRB	0.252238251	0.063624135	3.7074E-54
ENSG00000104312	RIPK2	0.252227649	0.063618787	1.86724E-55
ENSG00000175416	CLTB	0.252195729	0.063602686	3.8698E-54
ENSG00000102996	MMP15	0.252115275	0.063562112	5.3585E-53

ENSG00000112782	CLIC5	0.252090082	0.063549409	5.49569E-53
ENSG00000110060	PUS3	0.252057391	0.063532928	4.44872E-54
ENSG00000205037	AC134312.1	0.252037268	0.063522784	4.53982E-54
ENSG00000063180	CA11	0.252015351	0.063511737	4.64116E-54
ENSG00000069696	DRD4	0.251977855	0.063492839	6.15056E-53
ENSG00000031691	CENPQ	0.25197038	0.063489072	2.42244E-55
ENSG00000196172	ZNF681	0.251958253	0.063482961	6.27266E-53
ENSG00000211513	MIR320E	0.251946146	0.063476861	4.97618E-54
ENSG00000100865	CINP	0.251941103	0.06347432	5.00151E-54
ENSG00000240445	FOXO3B	0.251939031	0.063473275	5.01196E-54
ENSG00000126218	F10	0.251938744	0.063473131	5.0134E-54
ENSG00000132386	SERPINF1	0.251919375	0.063463371	6.52203E-53
ENSG00000168260	N.A.	0.251901469	0.06345435	5.20513E-54
ENSG00000163166	IWS1	0.251889939	0.063448541	5.2659E-54
ENSG00000126251	GPR42	0.251881031	0.063444054	5.31334E-54

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ENSG00000152492	CCDC50	0.251554094	0.063279462	9.40387E-53
ENSG00000163898	LIPH	0.251482528	0.063243462	7.93287E-54
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ENSG00000167699	GLOD4	0.251285629	0.063144467	1.2301E-52
ENSG00000090339	ICAM1	0.251258028	0.063130596	4.97293E-55
ENSG00000143036	SLC44A3	0.251238351	0.063120709	1.01375E-53
ENSG00000198680	TUSC1	0.251208371	0.063105646	1.04472E-53
ENSG00000088836	SLC4A11	0.251207135	0.063105025	1.04601E-53
ENSG00000171316	CHD7	0.251195379	0.063099119	1.05843E-53

ENSG00000226677	IGBP1P1	0.251172788	0.063087769	1.0827E-53
ENSG00000170396	ZNF804A	0.251116099	0.063059295	1.4572E-52
ENSG00000270091	AC015726.1	0.251109417	0.063055939	1.15377E-53
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ENSG00000259834	AL365361.1	0.251097946	0.063050178	1.48387E-52
ENSG00000136682	CBWD2	0.251016456	0.063009261	1.26652E-53
ENSG00000258515	AL355075.2	0.251014268	0.063008163	6.35725E-55
ENSG00000063169	BICRA	0.250954391	0.062978106	1.71258E-52
ENSG00000223573	TINCR	0.250953445	0.062977632	1.71419E-52
ENSG00000117091	CD48	0.250898649	0.062950132	1.80619E-51
ENSG00000255240	AP001636.3	0.250889205	0.062945393	1.8277E-52
ENSG00000100601	ALKBH1	0.250843934	0.062922679	7.54622E-55
ENSG00000161664	ASB16	0.250785933	0.062893584	1.59569E-53
ENSG00000100678	SLC8A3	0.250744545	0.062872827	8.3397E-55
ENSG00000261128	N.A.	0.250735793	0.062868438	2.12337E-51

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ENSG00000117013	KCNQ4	0.250704763	0.062852878	1.85255E-50
ENSG00000135540	NHSL1	0.250687139	0.062844042	2.22846E-51
ENSG00000143622	RIT1	0.250680093	0.062840509	8.89811E-55
ENSG00000186862	PDZD7	0.250655213	0.062828036	2.30815E-52
ENSG00000233261	FAM238A	0.2505566	0.06277861	2.54652E-52
ENSG00000105364	MRPL4	0.250514194	0.062757361	1.05126E-54
ENSG00000183087	GAS6	0.250480878	0.06274067	2.74606E-52
ENSG00000163755	HPS3	0.2504653	0.062732866	2.19954E-53
ENSG00000107968	MAP3K8	0.250463716	0.062732073	2.78156E-51
ENSG00000125651	GTF2F1	0.250443074	0.062721733	2.24898E-53
ENSG00000125629	INSIG2	0.250427865	0.062714116	2.88223E-51
ENSG00000224950	AL390066.1	0.250317522	0.062658862	1.28082E-54
ENSG00000262098	AC127496.2	0.250314611	0.062657405	1.28457E-54
ENSG00000267385	AC011498.4	0.250219075	0.062609585	1.41382E-54

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ENSG00000184207	PGP	0.250186809	0.06259344	1.46034E-54
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ENSG00000251267	N.A.	0.250146626	0.062573335	3.02456E-53
ENSG00000227373	RABGAP1L-DT	0.250131356	0.062565695	1.54387E-54
ENSG00000170185	USP38	0.250119253	0.062559641	1.56273E-54
ENSG00000205213	LGR4	0.250090423	0.06254522	3.19918E-53
ENSG00000135100	HNF1A	0.25003108	0.062515541	1.70718E-54
ENSG00000172819	RARG	0.250017016	0.062508508	3.44245E-53
ENSG00000147905	ZCCHC7	0.249986544	0.062493272	1.78512E-54
ENSG00000104442	ARMC1	0.249984458	0.062492229	3.55615E-53
ENSG00000198168	SVIP	0.249981608	0.062490804	3.56629E-53
ENSG00000180921	FAM83H	0.249950978	0.062475491	3.89815E-50
ENSG00000132694	ARHGEF11	0.24992589	0.062462951	4.76969E-52

ENSG00000182257	PRR34	0.249888213	0.062444119	3.91462E-53
ENSG00000211771	TRBJ2-7	0.24988745	0.062443738	3.9176E-53
ENSG00000130766	SESN2	0.249717401	0.06235878	5.86693E-52
ENSG00000198743	SLC5A3	0.249664669	0.062332447	6.18216E-52
ENSG00000171928	TVP23B	0.249647568	0.062323908	2.50675E-54
ENSG00000233929	MT1XP1	0.249647292	0.06232377	2.50744E-54
ENSG00000114439	BBX	0.249634656	0.062317461	6.36905E-52
ENSG00000164506	STXBP5	0.249632836	0.062316553	5.04976E-53
ENSG00000145736	GTF2H2	0.249609697	0.062305001	5.45465E-50
ENSG00000198216	CACNA1E	0.249600941	0.06230063	6.5857E-52
ENSG00000165322	ARHGAP12	0.249553189	0.062276794	2.755E-54
ENSG00000140691	ARMC5	0.249521111	0.062260785	2.84483E-54
ENSG00000141543	EIF4A3	0.249449998	0.062225301	7.58412E-51
ENSG00000110934	BIN2	0.249434651	0.062217645	3.10175E-54
ENSG00000188933	USP32P1	0.249396956	0.062198842	9.29075E-33

ENSG00000125844	RRBP1	0.249358738	0.06217978	8.37335E-52
ENSG00000185787	MORF4L1	0.249343335	0.062172099	3.3982E-54
ENSG00000073350	LLGL2	0.249328341	0.062164621	6.83839E-53
ENSG00000088992	TESC	0.2493124	0.062156673	8.76678E-52
ENSG00000173928	SWSAP1	0.249311233	0.062156091	3.50899E-54
ENSG00000155636	RBM45	0.249300524	0.062150751	7.03032E-53
ENSG00000139318	DUSP6	0.249291337	0.062146171	7.09487E-53
ENSG00000232112	TMA7	0.249260132	0.062130613	3.6928E-54
ENSG00000165861	ZFYVE1	0.249207744	0.0621045	7.71005E-53
ENSG00000085788	DDHD2	0.249200517	0.062100897	3.91938E-54
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ENSG00000119231	SENP5	0.249155009	0.062078218	8.12517E-53
ENSG00000179855	GIPC3	0.249135586	0.06206854	8.2836E-53
ENSG00000185088	RPS27L	0.249094453	0.062048047	8.62936E-53

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ENSG00000197037	ZSCAN25	0.248995807	0.061998912	4.80807E-54
ENSG00000189067	LITAF	0.248981403	0.061991739	1.20388E-50
ENSG00000173156	RHOD	0.248944811	0.061973519	5.05904E-54
ENSG00000244242	IFITM10	0.248930878	0.061966582	1.01524E-52
ENSG00000115275	MOGS	0.248873939	0.061938238	1.07431E-52
ENSG00000197969	VPS13A	0.248850098	0.061926371	1.10004E-52
ENSG00000167220	HDHD2	0.248821205	0.061911992	1.13206E-52
ENSG00000114166	KAT2B	0.248805466	0.06190416	1.43159E-50
ENSG00000115274	INO80B	0.248792273	0.061897595	5.89025E-54
ENSG00000229393	AL139246.4	0.248733229	0.061868219	1.23536E-52
ENSG00000167601	AXL	0.24872713	0.061865185	1.24286E-52
ENSG00000226981	ABHD17AP6	0.248674656	0.061839085	1.30928E-52
ENSG00000185347	TEDC1	0.248672612	0.061838068	6.63632E-54

ENSG00000222808	RNU4-47P	0.248667075	0.061835314	1.31917E-52
ENSG00000204832	ST8SIA6-AS1	0.248609269	0.061806569	1.39702E-52
ENSG00000161904	LEMD2	0.248589703	0.06179684	7.20772E-54
ENSG00000089195	TRMT6	0.248573609	0.061788839	1.82053E-51
ENSG00000236449	AC010894.2	0.248556998	0.061780581	1.82795E-50
ENSG00000198682	PAPSS2	0.248478938	0.061741783	1.58975E-52
ENSG00000234409	CCDC188	0.24847726	0.061740949	2.0022E-51
ENSG00000246363	LINC02458	0.248476316	0.06174048	1.59388E-52
ENSG00000205659	LIN52	0.248446336	0.061725582	8.31367E-54
ENSG00000172215	CXCR6	0.248407215	0.061706145	2.14549E-51
ENSG00000229453	SPINK8	0.248375618	0.061690448	1.83E-49
ENSG00000103544	VPS35L	0.248346219	0.061675844	1.8132E-52
ENSG00000105583	WDR83OS	0.248342871	0.061674182	1.81922E-52
ENSG00000160208	RRP1B	0.24828997	0.061647909	1.91709E-52
ENSG00000138614	INTS14	0.248265825	0.06163592	9.94931E-54

ENSG00000110801	PSMD9	0.24824477	0.061625466	2.00486E-52
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ENSG00000223711	AC069213.1	0.248176416	0.061591534	1.08743E-53
ENSG00000176124	DLEU1	0.248163348	0.061585047	2.17316E-52
ENSG00000258922	AC106028.2	0.24812546	0.061566244	2.2562E-52
ENSG00000179981	TSHZ1	0.248119108	0.061563092	2.85037E-51
ENSG00000172058	SERF1A	0.248086283	0.061546804	2.34538E-52
ENSG00000100949	RABGGTA	0.248051176	0.061529386	2.42828E-52
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ENSG00000255661	N.A.	0.247985313	0.061496715	2.59176E-52
ENSG00000196313	POM121	0.247983625	0.061495878	2.59609E-52
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ENSG00000105426	PTPRS	0.247856748	0.061432968	3.6907E-51
ENSG00000122218	COPA	0.247845251	0.061427269	1.51105E-53

ENSG00000150782	IL18	0.247799459	0.061404572	3.90474E-51
ENSG00000117569	PTBP2	0.24779211	0.06140093	3.93308E-51
ENSG00000267244	AC012615.6	0.247780942	0.061395395	1.61064E-53
ENSG00000170962	PDGFD	0.247722717	0.061366545	4.21095E-51
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ENSG00000173531	MST1	0.247646217	0.061328649	2.75206E-48
ENSG00000237296	SMG1P1	0.247632795	0.061322001	4.60027E-51
ENSG00000011132	APBA3	0.247567583	0.061289708	3.91607E-52
ENSG00000223552	CCR5AS	0.247527078	0.061269654	5.10402E-51
ENSG00000125384	PTGER2	0.247526609	0.061269422	5.10637E-51
ENSG00000124380	SNRNP27	0.24746285	0.061237862	4.34251E-52
ENSG00000204338	CYP21A1P	0.247460135	0.061236519	4.35415E-52
ENSG00000177628	GBA	0.247413432	0.061213406	4.55947E-52
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ENSG00000198668	CALM1	0.247389682	0.061201655	2.37397E-53
ENSG00000119401	TRIM32	0.247370559	0.061192194	4.75641E-52
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ENSG00000259182	AC019254.1	0.247299057	0.061156824	6.38522E-51
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ENSG00000114125	RNF7	0.247285798	0.061150266	6.46887E-51
ENSG00000214194	SMIM30	0.247273763	0.061144314	6.54574E-51
ENSG00000173926	MARCHF3	0.247264375	0.061139671	5.28141E-52
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ENSG00000157193	LRP8	0.247233083	0.061124197	6.81237E-51
ENSG00000255135	AP002360.1	0.247200792	0.061108232	2.86223E-53
ENSG00000117602	RCAN3	0.247193561	0.061104657	5.6632E-52

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ENSG00000169203	NPIP12	0.247040642	0.061029079	8.22774E-51
ENSG00000136935	GOLGA1	0.247038845	0.061028191	3.35964E-53
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ENSG00000143418	CERS2	0.246956413	0.06098747	7.15322E-52
ENSG00000266173	STRADA	0.246948207	0.060983417	3.67465E-53
ENSG00000259775	AL138976.2	0.246910977	0.060965031	3.81242E-53
ENSG00000218809	AL391903.1	0.24689811	0.060958677	7.57572E-52
ENSG00000160321	ZNF208	0.246861203	0.060940454	7.85591E-52
ENSG00000085978	ATG16L1	0.24681315	0.060916731	1.02826E-50
ENSG00000249667	LINC01259	0.246796153	0.060908341	4.27051E-53
ENSG00000126860	EVI2A	0.246732071	0.060876715	4.54957E-53
ENSG00000268947	AC002128.1	0.246564796	0.060794198	1.05142E-51
ENSG00000232388	SMIM26	0.246550021	0.060786913	1.06679E-51
ENSG00000189350	TOGARAM2	0.246546065	0.060784962	1.3355E-50

ENSG00000185189	NRBP2	0.246530828	0.060777449	1.32741E-49
ENSG00000238062	SPATA3-AS1	0.246526659	0.060775393	1.33281E-49
ENSG00000075223	SEMA3C	0.246526242	0.060775188	1.36165E-50
ENSG00000162572	SCNN1D	0.24650935	0.06076686	1.38433E-50
ENSG00000138031	ADCY3	0.246450966	0.060738078	1.17582E-51
ENSG00000159674	SPON2	0.246420613	0.060723119	1.47778E-49
ENSG00000180771	N.A.	0.246393114	0.060709567	1.55097E-50
ENSG00000181585	TMIE	0.246373182	0.060699745	1.26914E-51
ENSG00000250992	AC139491.3	0.246325809	0.060676404	1.32956E-51
ENSG00000182057	OGFRP1	0.246178077	0.060603645	1.53696E-51
ENSG00000154556	SORBS2	0.246152654	0.060591129	1.96171E-50
ENSG00000236936	AL031005.1	0.246072536	0.060551693	8.71859E-53
ENSG00000170919	TPT1-AS1	0.24604255	0.060536936	2.18432E-50
ENSG00000173480	ZNF417	0.245994058	0.060513077	1.84085E-51
ENSG00000131148	EMC8	0.245946325	0.060489595	1.92901E-51

ENSG00000134030	CTIF	0.245940365	0.060486663	1.94031E-51
ENSG00000125952	MAX	0.245935476	0.060484258	1.94962E-51
ENSG00000166272	WBP1L	0.245854527	0.060444449	2.62408E-50
ENSG00000129993	CBFA2T3	0.245800071	0.060417675	2.22613E-51
ENSG00000234981	AC244034.1	0.245771416	0.060403589	2.84556E-50
ENSG00000237805	N.A.	0.245744425	0.060390322	1.20409E-52
ENSG00000168884	TNIP2	0.245736149	0.060386255	2.3699E-51
ENSG00000048162	NOP16	0.245725465	0.060381004	2.39481E-51
ENSG00000166165	CKB	0.245649962	0.060343904	3.20309E-50
ENSG00000211790	TRAV8-4	0.245647849	0.060342866	2.58381E-51
ENSG00000236830	CBR3-AS1	0.245634781	0.060336445	1.34112E-52
ENSG00000172292	CERS6	0.245532172	0.060286047	3.59247E-50
ENSG00000265666	RARA-AS1	0.245459303	0.060250269	3.85657E-50
ENSG00000149489	ROM1	0.245410673	0.060226398	3.25834E-51
ENSG00000149218	ENDOD1	0.24536073	0.060201888	4.24484E-50

ENSG00000235641	LINC00484	0.245360343	0.060201698	3.42262E-51
ENSG00000178567	EPM2AIP1	0.245352592	0.060197894	3.44864E-51
ENSG00000066697	MSANTD3	0.245350711	0.060196971	4.28642E-50
ENSG00000115155	OTOF	0.245295705	0.060169983	4.52201E-50
ENSG00000130313	PGLS	0.24528306	0.06016378	4.57797E-50
ENSG00000237879	LINC00398	0.24526528	0.060155058	3.7498E-48
ENSG00000186615	KTN1-AS1	0.245187716	0.060117016	2.08008E-52
ENSG00000042429	MED17	0.24509848	0.060073265	4.42004E-51
ENSG00000102879	CORO1A	0.245095636	0.060071871	4.43233E-51
ENSG00000230138	LINC02812	0.245074533	0.060061527	4.52456E-51
ENSG00000134255	CEPT1	0.245058463	0.06005365	5.54154E-49
ENSG00000157152	SYN2	0.245053719	0.060051325	4.61741E-51
ENSG00000237899	AL031289.1	0.245048014	0.060048529	2.38541E-52
ENSG00000110169	HPX	0.245028549	0.06003899	5.86287E-50
ENSG00000107890	ANKRD26	0.24502404	0.06003678	5.8886E-50

ENSG00000166816	LDHD	0.244935551	0.059993424	6.41705E-50
ENSG00000065675	PRKCQ	0.244933545	0.059992441	6.42957E-50
ENSG00000173567	ADGRF3	0.244887414	0.059969846	2.7919E-52
ENSG00000261716	H2BC20P	0.244822275	0.059937947	7.16294E-50
ENSG00000213123	DYNLT2B	0.244794202	0.059924201	3.05871E-52
ENSG00000258499	LINC02287	0.244789464	0.059921881	7.18717E-49
ENSG00000176927	EFCAB5	0.24466744	0.059862156	3.46273E-52
ENSG00000234912	SNHG20	0.244661845	0.059859418	6.76589E-51
ENSG00000100767	PAPLN	0.244660787	0.059858901	8.37779E-50
ENSG00000143919	CAMKMT	0.244640975	0.059849207	8.5403E-50
ENSG00000182463	TSHZ2	0.244606415	0.059832298	8.57673E-49
ENSG00000224565	LINC01754	0.244581755	0.059820235	7.31475E-51
ENSG00000185168	LINC00482	0.244551335	0.059805355	7.53464E-51
ENSG00000169246	NPIP3	0.244534857	0.059797296	9.18994E-49
ENSG00000101353	MROH8	0.24450328	0.059781854	7.89549E-51

ENSG00000169758	TMEM266	0.24449297	0.059776812	7.97512E-51
ENSG00000177303	CASKIN2	0.244469545	0.059765359	1.00841E-49
ENSG00000164342	TLR3	0.244415025	0.059738704	1.0631E-49
ENSG00000159871	LYPD5	0.244390856	0.059726891	4.53805E-52
ENSG00000185885	IFITM1	0.244388246	0.059725615	8.83068E-51
ENSG00000179428	IL6-AS1	0.244361198	0.059712395	1.08656E-48
ENSG00000117859	OSBPL9	0.244351236	0.059707527	1.13085E-49
ENSG00000240219	AL512306.2	0.244306663	0.059685746	1.18073E-49
ENSG00000189238	LINC00943	0.244303724	0.05968431	1.14846E-48
ENSG00000141627	DYM	0.24430211	0.059683521	1.18595E-49
ENSG00000103091	WDR59	0.244287149	0.059676211	1.16695E-48
ENSG00000121743	GJA3	0.244271766	0.059668696	9.88994E-51
ENSG00000130787	HIP1R	0.244268282	0.059666993	9.92351E-51
ENSG00000184371	CSF1	0.244260392	0.059663139	1.23482E-49
ENSG00000198185	ZNF334	0.244258314	0.059662124	5.16537E-52

ENSG00000188152	NUTM2G	0.24425419	0.059660109	1.00604E-50
ENSG00000197265	GTF2E2	0.244224623	0.059645667	1.03538E-50
ENSG00000054392	HHAT	0.244208323	0.059637705	1.25904E-48
ENSG00000070413	DGCR2	0.244202331	0.059634778	1.05806E-50
ENSG00000151746	BICD1	0.244167372	0.059617705	1.35114E-49
ENSG00000161277	THAP8	0.244146994	0.059607755	1.11652E-50
ENSG00000227921	N.A.	0.244097091	0.05958339	6.04582E-52
ENSG00000051825	MPHOSPH9	0.244054404	0.059562552	1.22162E-50
ENSG00000105755	ETHE1	0.244052386	0.059561567	1.51009E-49
ENSG00000122870	BICC1	0.244033028	0.059552119	6.43579E-52
ENSG00000095066	HOOK2	0.243987888	0.05953009	1.30314E-50
ENSG00000101546	RBFA	0.243949483	0.05951135	1.66805E-49
ENSG00000156042	CFAP70	0.243890701	0.059482674	7.39408E-52
ENSG00000114030	KPNA1	0.24373166	0.059405122	1.99184E-48
ENSG00000068305	MEF2A	0.24370058	0.059389972	2.12144E-49

ENSG00000230539	AOAH-IT1	0.243695179	0.05938734	1.73121E-50
ENSG00000232347	AL390728.4	0.243641716	0.059361286	9.42425E-52
ENSG00000136319	TTC5	0.243621492	0.059351431	1.85942E-50
ENSG00000225507	AC069282.1	0.243594529	0.059338295	1.90866E-50
ENSG00000259268	AC007950.1	0.243564349	0.059323592	1.96531E-50
ENSG00000197363	ZNF517	0.243509453	0.059296854	2.07269E-50
ENSG00000136866	ZFP37	0.243507031	0.059295674	2.07756E-50
ENSG00000163820	FYCO1	0.243371833	0.059229849	2.91316E-49
ENSG00000128699	ORMDL1	0.243371031	0.059229459	2.37008E-50
ENSG00000251050	RBX1P2	0.243293272	0.059191616	2.55538E-50
ENSG00000133275	CSNK1G2	0.24326463	0.05917768	2.62722E-50
ENSG00000132716	DCAF8	0.243241863	0.059166604	1.3906E-51
ENSG00000181220	ZNF746	0.243209393	0.059150809	1.43518E-51
ENSG00000255717	SNHG1	0.24315717	0.059125409	2.91509E-50
ENSG00000132510	KDM6B	0.243141731	0.059117901	3.63616E-49

ENSG00000164061	BSN	0.243120327	0.059107493	3.71188E-49
ENSG00000260101	AC008074.2	0.243044166	0.059070466	3.25172E-50
ENSG00000174292	TNK1	0.242994015	0.059046091	4.19175E-49
ENSG00000115561	CHMP3	0.242926307	0.05901319	3.64407E-50
ENSG00000118690	ARMC2	0.242868904	0.058985304	1.99762E-51
ENSG00000135480	KRT7	0.242868201	0.058984963	3.8545E-50
ENSG00000138375	SMARCAL1	0.242756462	0.0589307	4.29374E-50
ENSG00000083123	BCKDHB	0.242727278	0.058916531	4.41644E-50
ENSG00000116120	FARSB	0.24266721	0.058887375	5.73938E-49
ENSG00000179639	FCER1A	0.242610555	0.058859882	5.83508E-48
ENSG00000144130	NT5DC4	0.242582667	0.05884635	5.07789E-50
ENSG00000172867	KRT2	0.242574164	0.058842225	6.27598E-49
ENSG00000236423	LINC01134	0.242533411	0.058822456	5.32499E-50
ENSG00000163449	TMEM169	0.24249066	0.05880172	5.54913E-50
ENSG00000136274	NACAD	0.242427054	0.058770877	5.90011E-50

ENSG00000115594	IL1R1	0.24240353	0.058759472	7.39303E-49
ENSG00000145332	KLHL8	0.242391293	0.058753539	7.48036E-49
ENSG00000063660	GPC1	0.242339612	0.058728487	6.17013E-47
ENSG00000262115	AC027601.2	0.242303454	0.058710964	3.45542E-51
ENSG00000213760	ATP6V1G2	0.242301867	0.058710195	6.6567E-50
ENSG00000124614	RPS10	0.242271505	0.058695482	6.8543E-50
ENSG00000243389	AC012442.2	0.242157774	0.058640388	7.64775E-50
ENSG00000113597	TRAPPC13	0.242097279	0.058611093	8.10638E-50
ENSG00000211695	TRGV9	0.242094731	0.058609859	9.94084E-49
ENSG00000106617	PRKAG2	0.242030191	0.058578613	1.05749E-48
ENSG00000106952	TNFSF8	0.241995519	0.058561831	1.0932E-48
ENSG00000135678	CPM	0.241975925	0.058552348	1.06954E-47
ENSG00000023839	ABCC2	0.241948626	0.058539138	1.14342E-48
ENSG00000089693	MLF2	0.241846322	0.058489644	9.85626E-47
ENSG00000121570	DPPA4	0.241798849	0.058466683	1.08019E-49

ENSG00000260942	CAPN10-DT	0.241761841	0.058448788	1.1193E-49
ENSG00000152463	OLAH	0.241755007	0.058445484	1.12668E-49
ENSG00000186132	C2orf76	0.241740662	0.058438548	5.95327E-51
ENSG00000269564	AC008753.2	0.241706383	0.058421975	1.44174E-48
ENSG00000168887	C2orf68	0.24167013	0.058404452	1.49261E-48
ENSG00000101347	SAMHD1	0.241643388	0.058391527	1.25422E-49
ENSG00000223519	KIF28P	0.241621736	0.058381063	1.28058E-49
ENSG00000100603	SNW1	0.24160171	0.058371386	1.30545E-49
ENSG00000161999	JMJD8	0.241585402	0.058363506	1.32605E-49
ENSG00000256948	AC026369.3	0.241573224	0.058357622	1.63751E-48
ENSG00000197054	ZNF763	0.241545816	0.058344381	7.18468E-51
ENSG00000237990	CNTN4-AS1	0.241530088	0.058336783	1.70644E-48
ENSG00000081320	STK17B	0.241515277	0.058329629	1.73076E-48
ENSG00000013725	CD6	0.241494971	0.058319821	1.44633E-49
ENSG00000107949	BCCIP	0.241466357	0.058306002	7.75683E-51

ENSG00000109099	PMP22	0.241436847	0.058291751	1.52931E-49
ENSG00000183317	EPHA10	0.241384708	0.058266577	1.96069E-48
ENSG00000105053	VRK3	0.241366188	0.058257637	1.63658E-49
ENSG00000114268	PFKFB4	0.241342796	0.058246345	8.73789E-51
ENSG00000121552	CSTA	0.241316955	0.058233873	1.71573E-49
ENSG00000235978	AC018816.1	0.241316726	0.058233762	1.7161E-49
ENSG00000174175	SELP	0.241316149	0.058233484	2.09335E-48
ENSG00000267472	ARHGAP27P2	0.241302656	0.058226972	2.12049E-48
ENSG00000087460	GNAS	0.241267796	0.058210149	1.79855E-49
ENSG00000058063	ATP11B	0.241239949	0.058196713	1.84722E-49
ENSG00000188305	PEAK3	0.241227565	0.058190738	2.27805E-48
ENSG00000223750	SIRPB3P	0.241219238	0.058186721	1.88426E-49
ENSG00000178538	CA8	0.241115102	0.058136492	2.53608E-48
ENSG00000121210	TMEM131L	0.241105734	0.058131975	1.98707E-46
ENSG00000105750	ZNF85	0.241045128	0.058102754	2.22639E-49

ENSG0000079246	XRCC5	0.24095951	0.058061486	2.94166E-48
ENSG00000118655	DCLRE1B	0.240869843	0.058018281	1.37756E-50
ENSG00000118922	KLF12	0.240864023	0.058015478	2.64795E-49
ENSG00000260711	AL121839.2	0.240833159	0.05800061	1.42701E-50
ENSG00000130943	PKDREJ	0.240787875	0.057978801	1.4905E-50
ENSG00000249825	THBS4-AS1	0.240783097	0.0579765	3.32411E-47
ENSG00000267751	AC009005.1	0.240771354	0.057970845	1.51435E-50
ENSG00000134121	CHL1	0.240760763	0.057965745	3.55488E-48
ENSG00000221968	FADS3	0.240746881	0.057959061	2.96202E-49
ENSG00000130544	ZNF557	0.240727383	0.057949673	3.01778E-49
ENSG00000254615	N.A.	0.240683522	0.057928558	3.14705E-49
ENSG00000225828	FAM229A	0.240680972	0.05792733	1.65174E-50
ENSG00000049249	TNFRSF9	0.240679031	0.057926396	3.84254E-48
ENSG00000105327	BBC3	0.240628147	0.057901905	4.03322E-48
ENSG00000185198	PRSS57	0.240588935	0.057883036	3.44491E-49

ENSG00000163686	ABHD6	0.240527779	0.057853613	1.91351E-50
ENSG00000204936	CD177	0.240527693	0.057853571	3.42874E-46
ENSG00000102977	ACD	0.240504201	0.057842271	1.95731E-50
ENSG00000125755	SYMPK	0.240502885	0.057841638	3.74018E-49
ENSG00000125730	C3	0.240481928	0.057831557	4.63514E-48
ENSG00000119640	ACYP1	0.240475489	0.057828461	2.012E-50
ENSG00000145781	COMMD10	0.240460462	0.057821234	3.89488E-49
ENSG00000177025	C19orf18	0.240452491	0.0578174	3.92465E-49
ENSG00000163798	SLC4A1AP	0.240413539	0.057798669	4.07342E-49
ENSG00000247498	GPRC5D-AS1	0.240396248	0.057790356	5.02855E-48
ENSG00000116273	PHF13	0.240386782	0.057785805	4.17885E-49
ENSG00000063978	RNF4	0.240378977	0.057782052	4.21011E-49
ENSG00000231528	FAM225A	0.240346039	0.057766218	4.34463E-49
ENSG00000137171	KLC4	0.240340036	0.057763333	4.3696E-49
ENSG00000143889	HNRNPLL	0.240240589	0.057715541	4.8047E-49

ENSG00000168724	DNAJC21	0.24016208	0.057677825	5.17843E-49
ENSG00000198324	PHETA1	0.24013882	0.057666653	6.4218E-48
ENSG00000256448	AP000763.3	0.240118356	0.057656825	2.83373E-50
ENSG00000174684	B4GAT1	0.240112079	0.05765381	5.43139E-49
ENSG00000214894	LINC00243	0.240063339	0.057630407	5.68979E-49
ENSG00000178038	ALS2CL	0.239954302	0.057578067	6.31303E-49
ENSG00000197852	INKA2	0.239843211	0.057524766	7.01787E-49
ENSG00000136731	UGGT1	0.239833163	0.057519946	3.72351E-50
ENSG00000182873	PRKCZ-AS1	0.239740205	0.057475366	7.74117E-49
ENSG00000133808	N.A.	0.239683842	0.057448344	9.39856E-47
ENSG00000232546	AC027644.1	0.239666885	0.057440216	8.30076E-49
ENSG00000165406	MARCHF8	0.239664573	0.057439108	1.00691E-47
ENSG00000211678	IGLJ3	0.239660397	0.057437106	1.01091E-47
ENSG00000225194	LINC00092	0.239657529	0.057435731	1.01366E-47
ENSG00000155130	N.A.	0.239656876	0.057435418	1.01428E-47

ENSG00000117643	MAN1C1	0.239610242	0.057413068	1.00739E-46
ENSG00000225331	LINC01678	0.239588157	0.057402485	8.94649E-49
ENSG00000093217	XYLB	0.239554644	0.057386428	1.06159E-46
ENSG00000146477	SLC22A3	0.239530952	0.057375077	9.44682E-49
ENSG00000120370	GORAB	0.239520453	0.057370047	5.02122E-50
ENSG00000152620	NADK2	0.239512596	0.057366284	9.6132E-49
ENSG00000154451	GBP5	0.239480705	0.057351008	5.21557E-50
ENSG00000227992	AC108463.1	0.239469223	0.057345509	1.21151E-47
ENSG00000224739	AC016735.1	0.239453661	0.057338056	9.41045E-46
ENSG00000168016	TRANK1	0.239432391	0.05732787	1.0375E-48
ENSG00000161888	SPC24	0.239415785	0.057319918	1.05401E-48
ENSG00000198420	TCAF1	0.239400815	0.05731275	1.29253E-47
ENSG00000260655	N.A.	0.239380641	0.057303091	1.31744E-47
ENSG00000137038	DMAC1	0.239334371	0.057280941	1.37639E-47
ENSG00000135127	BICDL1	0.239303012	0.057265931	1.17325E-48

ENSG00000196235	SUPT5H	0.239287556	0.057258534	6.27191E-50
ENSG00000174500	GCSAM	0.239266485	0.057248451	1.21468E-48
ENSG00000196378	ZNF34	0.239261789	0.057246204	6.42806E-50
ENSG00000227848	SUCLA2-AS1	0.239259707	0.057245207	6.44084E-50
ENSG00000115085	ZAP70	0.239174814	0.057204591	1.32518E-48
ENSG00000138756	BMP2K	0.239169896	0.057202239	1.33138E-48
ENSG00000169641	LUZP1	0.239139009	0.057187466	1.371E-48
ENSG00000196208	GREB1	0.239136819	0.057186418	1.57328E-46
ENSG00000160007	ARHGAP35	0.239112417	0.057174748	1.40605E-48
ENSG00000167693	NXN	0.239110496	0.057173829	1.61272E-46
ENSG00000100296	THOC5	0.239102485	0.057169998	1.41937E-48
ENSG00000204248	COL11A2	0.239077766	0.057158178	1.33825E-45
ENSG00000138615	CILP	0.239068793	0.057153888	1.76916E-47
ENSG00000179562	GCC1	0.239064167	0.057151676	1.47194E-48
ENSG00000134285	FKBP11	0.238915703	0.057080713	8.94136E-50

ENSG00000132002	DNAJB1	0.238802424	0.057026598	1.88672E-48
ENSG00000164889	SLC4A2	0.23879773	0.057024356	1.89513E-48
ENSG00000140948	ZCCHC14	0.238790359	0.057020836	2.30104E-47
ENSG00000148795	CYP17A1	0.238785549	0.057018538	1.91714E-48
ENSG00000137449	CPEB2	0.238695621	0.0569756	1.10262E-49
ENSG00000088826	SMOX	0.238657913	0.056957599	2.6072E-47
ENSG00000248925	AC021087.1	0.238652621	0.056955074	1.14868E-49
ENSG00000166037	CEP57	0.238554221	0.056908116	1.26141E-49
ENSG00000211852	N.A.	0.238457134	0.056861805	1.38342E-49
ENSG00000141540	TTYH2	0.238453817	0.056860223	3.16014E-47
ENSG00000211825	TRDJ1	0.238441004	0.056854112	2.65684E-48
ENSG00000157856	DRC1	0.238415942	0.056842161	2.7206E-48
ENSG00000154518	ATP5MC3	0.238391276	0.056830401	2.78483E-48
ENSG00000162747	FCGR3B	0.238370518	0.056820504	3.23045E-46
ENSG00000162755	KLHDC9	0.238341551	0.056806695	1.54407E-49

ENSG0000033100	CHPF2	0.238330483	0.056801419	2.94967E-48
ENSG00000171867	PRNP	0.238304496	0.056789033	3.02307E-48
ENSG00000228692	AL445307.1	0.238252338	0.056764176	1.68065E-49
ENSG00000235621	LINC00494	0.238206205	0.056742196	3.31747E-48
ENSG00000135519	KCNH3	0.238148273	0.0567146	3.50417E-48
ENSG00000174196	N.A.	0.238144996	0.056713039	4.22615E-47
ENSG00000074071	MRPS34	0.238125912	0.05670395	1.89502E-49
ENSG00000142669	SH3BGRL3	0.238116371	0.056699406	4.34147E-47
ENSG00000124155	PIGT	0.238102473	0.056692787	1.93766E-49
ENSG00000140451	PIF1	0.23809714	0.056690248	4.4207E-47
ENSG00000134242	PTPN22	0.238075648	0.056680014	3.75306E-48
ENSG00000225205	AC078883.1	0.238014124	0.056650723	2.10712E-49
ENSG00000132670	PTPRA	0.23798007	0.056634513	4.10761E-48
ENSG00000144476	ACKR3	0.237973851	0.056631554	4.68332E-46
ENSG00000131730	CKMT2	0.237961371	0.056625614	4.18077E-48

ENSG00000134864	GGACT	0.237955653	0.056622893	4.2034E-48
ENSG00000136560	TANK	0.237924932	0.056608273	4.3271E-48
ENSG00000211584	SLC48A1	0.237915479	0.056603775	4.94611E-46
ENSG00000078399	HOXA9	0.237897322	0.056595136	4.44135E-48
ENSG00000254064	AC105206.2	0.237890555	0.056591916	4.46981E-48
ENSG00000168826	ZBTB49	0.237868692	0.056581515	4.563E-48
ENSG00000138767	CNOT6L	0.237863862	0.056579217	4.58384E-48
ENSG00000104969	SGTA	0.237821815	0.056559216	4.76937E-48
ENSG00000147454	SLC25A37	0.237813769	0.056555389	4.80571E-48
ENSG00000130175	PRKCSH	0.237791426	0.056544762	4.90809E-48
ENSG00000106948	AKNA	0.237739369	0.056520008	5.15511E-48
ENSG00000123815	COQ8B	0.237716423	0.056509098	6.32165E-47
ENSG00000101109	STK4	0.237677641	0.056490661	5.46411E-48
ENSG00000164181	ELOVL7	0.237671378	0.056487684	5.49647E-48
ENSG00000269293	ZSCAN16-AS1	0.237659721	0.056482143	5.55721E-48

ENSG00000257727	CNPY2	0.237604494	0.056455896	3.10685E-49
ENSG00000221829	FANCG	0.237574938	0.056441851	7.21916E-47
ENSG00000139651	ZNF740	0.237561682	0.056435553	6.09524E-48
ENSG00000196611	MMP1	0.237481844	0.056397626	6.57143E-48
ENSG00000197880	MDS2	0.237476722	0.056395193	7.91568E-47
ENSG00000135119	RNFT2	0.237465667	0.056389943	7.99815E-47
ENSG00000269976	AC012065.2	0.237453511	0.05638417	8.08982E-47
ENSG00000216895	AC009403.1	0.237426517	0.056371351	3.67694E-49
ENSG00000110925	CSRNP2	0.237388499	0.056353299	7.17531E-48
ENSG00000048392	RRM2B	0.237292753	0.056307851	9.40513E-47
ENSG00000124103	FAM209A	0.237285659	0.056304484	4.20098E-49
ENSG00000134480	CCNH	0.237272599	0.056298286	4.25318E-49
ENSG00000161920	MED11	0.237269987	0.056297047	9.60785E-47
ENSG00000170004	CHD3	0.237251877	0.056288453	9.19041E-46
ENSG00000255819	KLRC4-KLRK1	0.237248304	0.056286758	8.18752E-48

ENSG00000120594	PLXDC2	0.237246839	0.056286063	5.19726E-44
ENSG00000260953	AC009093.4	0.237233257	0.056279618	8.30426E-48
ENSG00000263627	PPP4R1-AS1	0.237170069	0.056249642	4.68604E-49
ENSG00000150995	ITPR1	0.237156814	0.056243354	8.92345E-48
ENSG00000211728	TRBV5-6	0.237147136	0.056238764	1.01327E-45
ENSG00000155792	DEPTOR	0.23709161	0.056212432	5.04664E-49
ENSG00000164136	IL15	0.237070745	0.056202538	1.15781E-46
ENSG00000162949	CAPN13	0.2370225	0.056179666	1.21127E-46
ENSG00000169499	PLEKHA2	0.236999725	0.05616887	1.03437E-47
ENSG00000171794	UTF1	0.236999715	0.056168865	1.23736E-46
ENSG00000215397	SCRT2	0.236970047	0.056154803	1.06363E-47
ENSG00000125812	GZF1	0.236947562	0.056144147	5.78207E-49
ENSG00000100095	SEZ6L	0.236901673	0.056122402	1.13421E-47
ENSG00000107951	MTPAP	0.236826807	0.056086936	6.48008E-49
ENSG00000198964	SGMS1	0.236702305	0.056027981	1.36771E-47

ENSG00000105419	MEIS3	0.236662031	0.056008917	1.69659E-46
ENSG00000261226	AC092384.3	0.236643066	0.055999941	1.4459E-47
ENSG00000142892	PIGK	0.236642423	0.055999637	1.62068E-45
ENSG00000075651	PLD1	0.236626049	0.055991887	1.64553E-45
ENSG00000166685	COG1	0.236624206	0.055991015	1.47171E-47
ENSG00000159579	RSPRY1	0.23656992	0.055965327	1.5486E-47
ENSG00000092200	RPGRIP1	0.236497243	0.055930946	1.65783E-47
ENSG00000130222	GADD45G	0.236485317	0.055925305	1.49185E-44
ENSG00000100883	SRP54	0.236391115	0.055880759	2.18469E-46
ENSG00000136206	SPDYE1	0.236336633	0.055855004	1.02852E-48
ENSG00000206053	JPT2	0.236291401	0.055833626	2.01058E-47
ENSG00000238206	N.A.	0.23627556	0.05582614	2.2785E-45
ENSG00000136169	SETDB2	0.23624088	0.055809754	2.10801E-47
ENSG00000140682	TGFB111	0.236237398	0.055808108	1.12921E-48
ENSG00000173085	COQ2	0.23622751	0.055803436	2.54471E-46

ENSG00000148672	GLUD1	0.236222261	0.055800957	2.39399E-45
ENSG00000105676	ARMC6	0.236196952	0.055789	2.19653E-47
ENSG00000084444	FAM234B	0.236194715	0.055787943	1.17548E-48
ENSG00000107669	ATE1	0.236180839	0.055781389	2.65783E-46
ENSG00000038219	BOD1L1	0.236162224	0.055772596	1.21196E-48
ENSG00000088280	ASAP3	0.236140887	0.055762518	2.3149E-47
ENSG00000151458	ANKRD50	0.236138656	0.055761465	2.31974E-47
ENSG00000133789	SWAP70	0.236126727	0.055755831	2.34579E-47
ENSG00000109107	ALDOC	0.236097652	0.055742101	2.4105E-47
ENSG00000187994	RINL	0.236093883	0.055740322	1.29241E-48
ENSG00000114739	ACVR2B	0.236092379	0.055739612	2.42243E-47
ENSG00000250075	AC104806.2	0.236078666	0.055733137	2.92324E-46
ENSG00000006831	ADIPOR2	0.236061907	0.055725224	2.4925E-47
ENSG00000237781	ADAMTSL4-AS2	0.236037085	0.055713506	2.2566E-44
ENSG00000187824	TMEM220	0.23601198	0.055701655	1.39586E-48

ENSG00000184887	BTBD6	0.23599923	0.055695637	3.14766E-46
ENSG00000177885	GRB2	0.235981952	0.055687482	1.43581E-48
ENSG00000186814	ZSCAN30	0.235950854	0.055672806	2.76536E-47
ENSG00000162368	CMPK1	0.23592695	0.055661526	1.51198E-48
ENSG00000254427	LINC02696	0.235882777	0.055640684	2.94712E-47
ENSG00000099284	MACROH2A2	0.235871513	0.055635371	2.97832E-47
ENSG00000008869	HEATR5B	0.23585079	0.055625595	3.61398E-46
ENSG00000248445	SEMA6A-AS1	0.235837772	0.055619455	3.65801E-46
ENSG00000139193	CD27	0.235835185	0.055618234	2.71822E-44
ENSG00000119729	RHOQ	0.235827858	0.055614779	3.45023E-45
ENSG00000139505	MTMR6	0.235802536	0.055602836	1.69941E-48
ENSG00000113119	TMCO6	0.235750053	0.055578087	3.33635E-47
ENSG00000250903	GMDS-DT	0.235722241	0.055564975	3.42418E-47
ENSG00000243627	SMIM34A	0.235713575	0.055560889	4.1059E-46
ENSG00000118200	CAMSAP2	0.235694967	0.055552117	4.17754E-46

ENSG00000171813	PWWP2B	0.235686026	0.055547903	4.21241E-46
ENSG00000240225	ZNF542P	0.235668634	0.055539705	3.60001E-47
ENSG00000167912	AC090152.1	0.235634374	0.055523558	1.98998E-48
ENSG00000131095	GFAP	0.235609495	0.055511834	4.52296E-46
ENSG00000183020	AP2A2	0.235571608	0.055493983	4.68502E-46
ENSG00000266750	MIR4645	0.23553981	0.055479002	4.82548E-46
ENSG00000139567	ACVRL1	0.235507212	0.055463647	4.18557E-47
ENSG00000157985	AGAP1	0.235482399	0.05545196	4.28362E-47
ENSG00000267896	N.A.	0.235432907	0.055428654	4.48608E-47
ENSG00000141140	N.A.	0.235413026	0.055419293	2.44906E-48
ENSG00000259293	LIPC-AS1	0.235303589	0.055367779	5.06112E-47
ENSG00000083099	LYRM2	0.235288606	0.055360728	5.13231E-47
ENSG00000230358	SPDYE21	0.235221129	0.055328979	5.4655E-47
ENSG00000260698	AL591848.2	0.235183896	0.055311465	6.71442E-46
ENSG00000154269	ENPP3	0.235176689	0.055308075	3.05598E-48

ENSG0000075407	ZNF37A	0.235159886	0.055300172	6.86559E-46
ENSG0000080345	RIF1	0.235142457	0.055291975	6.97745E-46
ENSG00000106348	IMPDH1	0.235119336	0.055281102	7.12863E-46
ENSG00000141469	SLC14A1	0.235094299	0.055269329	6.79618E-45
ENSG0000079999	KEAP1	0.235084733	0.055264832	7.36101E-46
ENSG00000175198	PCCA	0.235065675	0.055255872	5.51601E-44
ENSG00000196296	ATP2A1	0.235063647	0.055254918	3.39706E-48
ENSG00000231752	EMBP1	0.235062497	0.055254378	7.51429E-46
ENSG00000140990	NDUFB10	0.235020056	0.055234427	6.59139E-47
ENSG00000136448	NMT1	0.235010429	0.055229902	7.88577E-46
ENSG00000130813	SHFL	0.235000229	0.055225108	6.7142E-47
ENSG00000152778	IFIT5	0.234981552	0.05521633	6.83197E-47
ENSG00000167460	TPM4	0.234977299	0.055214331	6.85907E-47
ENSG00000162739	SLAMF6	0.234969323	0.055210583	7.62641E-45
ENSG00000169314	C22orf15	0.234957597	0.055205072	3.75138E-48

ENSG00000129292	PHF20L1	0.234955531	0.055204101	6.99948E-47
ENSG00000256464	YWHABP2	0.23487297	0.055165312	4.06031E-48
ENSG00000242265	PEG10	0.234843624	0.055151528	7.7677E-47
ENSG00000140459	CYP11A1	0.234814144	0.055137682	7.98366E-47
ENSG00000068024	HDAC4	0.234807295	0.055134466	8.03469E-47
ENSG00000131236	CAP1	0.234793584	0.055128027	8.13782E-47
ENSG00000185052	SLC24A3	0.234680022	0.055074713	4.86258E-48
ENSG00000107372	ZFAND5	0.234661928	0.055066221	1.08885E-45
ENSG00000104738	MCM4	0.23465166	0.055061402	1.09925E-45
ENSG00000212993	POU5F1B	0.234596165	0.055035361	9.77723E-47
ENSG00000183397	C19orf71	0.234517658	0.054998532	1.0517E-46
ENSG00000107341	UBE2R2	0.234513282	0.054996479	1.05598E-46
ENSG00000204351	SKIV2L	0.234486315	0.054983832	1.08277E-46
ENSG00000258473	AC007686.2	0.234430094	0.054957469	6.14035E-48
ENSG00000183520	UTP11	0.234412895	0.054949406	1.15916E-46

ENSG00000215717	TMEM167B	0.234343787	0.054917011	1.46112E-45
ENSG00000133937	GSC	0.234322085	0.05490684	6.79119E-48
ENSG00000218357	LINC01644	0.234264938	0.054880061	1.57148E-45
ENSG00000078053	AMPH	0.23421594	0.054857106	1.52555E-44
ENSG00000079308	TNS1	0.234197309	0.05484838	1.41588E-46
ENSG00000253967	AC022730.4	0.234179291	0.05483994	1.43974E-46
ENSG00000104147	OIP5	0.234164443	0.054832986	1.4597E-46
ENSG00000157106	SMG1	0.234146309	0.054824494	1.75332E-45
ENSG00000108187	PBLD	0.234096723	0.054801275	1.55429E-46
ENSG00000225880	LINC00115	0.234084568	0.054795585	8.47386E-48
ENSG00000171488	LRRC8C	0.234009231	0.05476032	1.68558E-46
ENSG00000123836	PFKFB2	0.233983809	0.054748423	1.72575E-46
ENSG00000170545	SMAGP	0.23396991	0.054741919	2.06312E-45
ENSG00000107021	TBC1D13	0.233960778	0.054737646	1.76297E-46
ENSG00000135677	GNS	0.233945769	0.054730623	1.95496E-44

ENSG00000215251	FASTKD5	0.233898292	0.054708411	1.86802E-46
ENSG00000254912	AC135983.3	0.233881501	0.054700556	2.2383E-45
ENSG00000182732	RGS6	0.233870629	0.054695471	2.09445E-44
ENSG00000175564	UCP3	0.23379284	0.054659092	1.11176E-47
ENSG00000187566	NHLRC1	0.233785043	0.054655446	2.07454E-46
ENSG00000166046	TCP11L2	0.233743445	0.054635998	2.54188E-45
ENSG00000241170	AP001992.1	0.233691949	0.054611927	2.26119E-46
ENSG00000178078	STAP2	0.233653791	0.054594094	2.34244E-46
ENSG00000260296	AC095057.3	0.233608111	0.054572749	2.44354E-46
ENSG00000230295	GTF2IP23	0.233586555	0.054562679	2.49274E-46
ENSG0000037042	TUBG2	0.233580892	0.054560033	2.95221E-45
ENSG00000198851	CD3E	0.233532172	0.054537275	2.62129E-46
ENSG00000163382	NAXE	0.233528901	0.054535747	3.09687E-45
ENSG00000108375	RNF43	0.233506208	0.054525149	2.68497E-46
ENSG00000165637	VDAC2	0.233490615	0.054517868	1.47235E-47

ENSG0000039523	RIPOR1	0.233489456	0.054517326	1.47394E-47
ENSG00000150756	ATPCKMT	0.233464705	0.054505768	2.78998E-46
ENSG00000106460	TMEM106B	0.233459607	0.054503388	3.3007E-45
ENSG00000268518	AC020909.2	0.233449935	0.054498872	2.82832E-46
ENSG00000266289	AC012213.3	0.233438654	0.054493605	2.85796E-46
ENSG00000119655	NPC2	0.233412272	0.054481289	1.58347E-47
ENSG00000211747	TRBV20-1	0.23338	0.054466224	3.01713E-46
ENSG00000149150	SLC43A1	0.233315764	0.054436246	3.20157E-46
ENSG00000222267	RNU6-892P	0.233249156	0.054405169	1.84229E-47
ENSG00000119772	DNMT3A	0.233240317	0.054401045	1.85746E-47
ENSG00000168594	ADAM29	0.233204634	0.054384401	1.91998E-47
ENSG00000260285	AL133367.1	0.233110182	0.054340357	3.87063E-46
ENSG0000011114	BTBD7	0.233106091	0.05433845	3.88527E-46
ENSG00000141349	G6PC3	0.232986953	0.05428292	2.34932E-47
ENSG00000121897	LIAS	0.232983997	0.054281543	4.34841E-46

ENSG0000068650	ATP11A	0.232982975	0.054281067	4.35251E-46
ENSG00000100554	ATP6V1D	0.232918425	0.054250993	4.6194E-46
ENSG00000128596	CCDC136	0.232896627	0.054240839	4.71316E-46
ENSG00000168350	DEGS2	0.232865832	0.054226496	5.69428E-45
ENSG00000185710	SMG1P4	0.232844041	0.054216347	5.35695E-44
ENSG00000230847	OCLNP1	0.232834044	0.054211692	4.23088E-43
ENSG00000171291	ZNF439	0.232833606	0.054211488	5.86507E-45
ENSG00000183066	WBP2NL	0.232780382	0.054186706	2.84466E-47
ENSG00000205853	RFPL3S	0.23277486	0.054184135	5.2728E-46
ENSG00000260859	AC025280.1	0.232762338	0.054178306	5.77151E-44
ENSG00000232053	AC078845.1	0.232690586	0.054144909	6.68664E-45
ENSG00000089050	RBBP9	0.232672058	0.054136286	6.80113E-45
ENSG00000107077	KDM4C	0.232658432	0.054129946	6.34511E-44
ENSG00000101695	RNF125	0.232643776	0.054123127	5.94932E-46
ENSG00000004700	RECQL	0.232622006	0.054112998	6.06975E-46

ENSG00000143514	TP53BP2	0.232620556	0.054112323	3.29809E-47
ENSG00000155254	MARVELD1	0.232590663	0.054098416	6.24741E-46
ENSG00000154025	SLC5A10	0.232589515	0.054097883	7.33532E-45
ENSG00000105677	TMEM147	0.232532823	0.054071514	3.57684E-47
ENSG00000254941	AP000866.4	0.232530126	0.054070259	3.58577E-47
ENSG00000089006	SNX5	0.232486405	0.054049929	8.06161E-45
ENSG00000166845	C18orf54	0.232474573	0.054044427	8.1494E-45
ENSG00000153976	HS3ST3A1	0.232443232	0.054029856	7.155E-46
ENSG00000213846	N.A.	0.23240175	0.054010574	4.03754E-47
ENSG00000227855	DPY19L2P3	0.23238366	0.054002165	7.5579E-46
ENSG00000159714	ZDHHC1	0.232359891	0.053991119	4.19676E-47
ENSG00000257877	N.A.	0.232357066	0.053989806	7.74498E-46
ENSG00000248485	PCP4L1	0.232356735	0.053989652	9.0773E-45
ENSG00000075618	FSCN1	0.232313944	0.053969768	9.43967E-45
ENSG00000219545	UMAD1	0.232310257	0.053968055	6.80306E-43

ENSG00000267260	AC020928.1	0.232260341	0.053944866	8.46507E-46
ENSG00000124126	PREX1	0.232242077	0.053936382	8.60833E-46
ENSG00000160563	MED27	0.23222531	0.053928595	4.75219E-47
ENSG00000086504	MRPL28	0.232189505	0.053911966	1.05772E-44
ENSG00000250479	CHCHD10	0.232156069	0.05389644	1.09055E-44
ENSG00000188761	BCL2L15	0.232150195	0.053893713	5.0934E-47
ENSG00000138758	SEPTIN11	0.232089724	0.05386564	5.38571E-47
ENSG00000004399	PLXND1	0.23204814	0.053846339	1.02866E-45
ENSG00000138757	G3BP2	0.232036792	0.053841073	5.65524E-47
ENSG00000145423	SFRP2	0.232019142	0.053832882	1.05641E-45
ENSG00000047365	ARAP2	0.23201282	0.053829949	1.06256E-45
ENSG00000248936	AC027607.1	0.231990173	0.05381944	1.08488E-45
ENSG00000261311	N.A.	0.231970127	0.05381014	1.10502E-45
ENSG00000174574	AKIRIN1	0.23195926	0.053805098	6.07444E-47
ENSG00000136999	CCN3	0.231873865	0.053765489	1.20704E-45

ENSG00000261098	AP000766.1	0.231867276	0.053762434	6.61203E-47
ENSG00000185933	CALHM1	0.231839264	0.053749445	1.24596E-45
ENSG00000168615	ADAM9	0.231794233	0.053728566	1.29849E-45
ENSG00000111802	TDP2	0.231784384	0.053724	1.31027E-45
ENSG00000239636	TFAP2E-AS1	0.231756002	0.053710844	7.32597E-47
ENSG00000077232	DNAJC10	0.231751306	0.053708668	7.35773E-47
ENSG00000259250	AC018904.1	0.231736397	0.053701758	1.36919E-45
ENSG00000183246	RIMBP3C	0.231736323	0.053701723	1.36929E-45
ENSG00000137802	MAPKBP1	0.231678059	0.053674723	1.44439E-45
ENSG00000151748	SAV1	0.231659403	0.053666079	1.46929E-45
ENSG00000185608	MRPL40	0.231627702	0.053651392	1.51259E-45
ENSG00000158485	CD1B	0.231627219	0.053651169	1.51326E-45
ENSG00000267040	AC027097.1	0.231621008	0.053648291	1.62987E-43
ENSG00000137145	DENND4C	0.231597704	0.053637496	1.55474E-45
ENSG00000109016	DHRS7B	0.231587711	0.053632868	1.56903E-45

ENSG00000174165	ZDHHC24	0.231585473	0.053631831	1.57225E-45
ENSG00000111832	RWDD1	0.231569682	0.053624518	1.86237E-44
ENSG00000197837	H4-16	0.231561059	0.053620524	1.60781E-45
ENSG00000213593	TMX2	0.231486304	0.053585909	9.39066E-47
ENSG00000134070	IRAK2	0.23142681	0.053558368	1.94365E-43
ENSG00000105835	NAMPT	0.231425221	0.053557633	1.82073E-45
ENSG00000186523	FAM86B1	0.231365238	0.053529873	1.92346E-45
ENSG00000105643	ARRDC2	0.231339129	0.053517793	2.29756E-44
ENSG00000127554	GFER	0.231322951	0.053510308	1.99934E-45
ENSG00000251405	AC016571.1	0.231248999	0.053476099	2.13925E-45
ENSG00000088305	DNMT3B	0.231212439	0.053459192	1.20796E-46
ENSG00000171703	TCEA2	0.231160321	0.053435094	2.70352E-44
ENSG00000168421	RHOH	0.231141313	0.053426307	1.34141E-41
ENSG00000124226	RNF114	0.23110927	0.053411495	2.43072E-45
ENSG00000157470	FAM81A	0.231102144	0.053408201	2.4466E-45

ENSG00000164038	SLC9B2	0.231084112	0.053399867	2.48725E-45
ENSG00000145920	CPLX2	0.231080647	0.053398265	2.49514E-45
ENSG00000242474	AC093627.5	0.231061831	0.05338957	2.95682E-44
ENSG00000157315	TMED6	0.231039499	0.05337925	2.59072E-45
ENSG00000228672	PROB1	0.230992961	0.053357748	1.4777E-46
ENSG00000172795	DCP2	0.230985542	0.053354321	3.16913E-44
ENSG00000149212	SESN3	0.230980494	0.053351989	3.1837E-44
ENSG00000170819	BFSP2	0.230941101	0.053333792	2.83433E-45
ENSG00000133193	FAM104A	0.230921381	0.053324684	1.57803E-46
ENSG00000100968	NFATC4	0.230914491	0.053321502	2.90404E-45
ENSG00000102910	LONP2	0.230908598	0.05331878	1.59665E-46
ENSG00000144959	NCEH1	0.230906939	0.053318015	3.40374E-44
ENSG00000140199	SLC12A6	0.230856471	0.05329471	3.062E-45
ENSG00000213222	TOMM40P4	0.230805277	0.053271076	1.75537E-46
ENSG00000162746	FCRLB	0.230765365	0.053252654	3.32745E-45

ENSG00000179604	CDC42EP4	0.230725357	0.05323419	1.94641E-41
ENSG00000140543	DET1	0.230700759	0.05322284	4.10449E-44
ENSG00000165555	NOXRED1	0.230659824	0.053203955	3.66369E-45
ENSG00000257950	P2RX5-TAX1BP3	0.230599429	0.053176097	3.87109E-45
ENSG00000031081	ARHGAP31	0.230573164	0.053163984	4.60821E-44
ENSG00000220201	ZGLP1	0.230547751	0.053152266	4.0578E-45
ENSG00000123607	TTC21B	0.230514047	0.053136726	4.862E-44
ENSG00000115944	COX7A2L	0.23048398	0.053122865	4.30059E-45
ENSG00000224478	AL356417.1	0.230428523	0.053097304	5.25394E-44
ENSG00000188428	BLOC1S5	0.230373993	0.053072177	4.75375E-45
ENSG00000125733	TRIP10	0.230360853	0.053066123	5.09379E-43
ENSG00000175161	CADM2	0.230332889	0.05305324	4.93504E-45
ENSG00000269970	AL162424.1	0.230328122	0.053051044	4.9565E-45
ENSG00000043462	LCP2	0.230304219	0.053040033	4.1476E-42
ENSG00000120742	SERP1	0.230294638	0.05303562	5.10991E-45

ENSG00000255449	AP002812.5	0.230291034	0.053033961	5.1267E-45
ENSG00000153575	N.A.	0.230277012	0.053027502	5.19255E-45
ENSG00000172548	NIPAL4	0.230262767	0.053020942	5.26031E-45
ENSG00000087263	OGFOD1	0.230246663	0.053013526	5.33798E-45
ENSG00000156030	MIDEAS	0.23023162	0.053006599	2.96843E-46
ENSG00000183018	SPNS2	0.230223205	0.053002724	6.3279E-44
ENSG00000160193	WDR4	0.230169478	0.052977989	5.72634E-45
ENSG00000161929	SCIMP	0.230116716	0.052953703	3.29725E-46
ENSG00000130338	TULP4	0.230108039	0.05294971	7.02314E-44
ENSG00000170291	ELP5	0.230061262	0.052928184	3.46866E-46
ENSG00000234292	AC123595.1	0.230045547	0.052920954	3.51883E-46
ENSG00000117724	CENPF	0.229983914	0.052892601	6.77888E-45
ENSG00000254858	MPV17L2	0.229950548	0.052877255	6.98759E-45
ENSG00000225872	LINC01529	0.229936167	0.052870641	8.20443E-44
ENSG00000135372	NAT10	0.229893042	0.052850811	4.04477E-46

ENSG00000197961	ZNF121	0.229847286	0.052829775	7.67488E-45
ENSG00000196712	NF1	0.229811061	0.052813124	7.93159E-45
ENSG00000177556	ATOX1	0.22980641	0.052810986	4.37763E-46
ENSG00000120051	CFAP58	0.229752491	0.052786207	8.36483E-45
ENSG00000138688	KIAA1109	0.229708162	0.052765839	8.70831E-45
ENSG00000107960	STN1	0.229707685	0.05276562	1.00859E-43
ENSG00000064601	CTSA	0.229677283	0.052751654	1.03667E-43
ENSG00000173818	ENDOV	0.229674505	0.052750378	8.97843E-45
ENSG00000239219	AC008040.1	0.229651642	0.052739877	5.04152E-46
ENSG00000100150	DEPDC5	0.2296477	0.052738066	9.19951E-45
ENSG00000248044	N.A.	0.229597416	0.052714974	5.29708E-46
ENSG00000164458	TBXT	0.229539992	0.052688608	1.01438E-44
ENSG00000115364	MRPL19	0.229481366	0.052661698	5.88811E-46
ENSG00000267543	AC015802.3	0.22944583	0.052645389	1.10479E-44
ENSG00000151948	GLT1D1	0.229392869	0.052621088	1.33999E-43

ENSG00000162999	DUSP19	0.229368755	0.052610026	1.18473E-44
ENSG00000067596	DHX8	0.229351229	0.052601986	1.2037E-44
ENSG00000114850	SSR3	0.229350474	0.05260164	1.20452E-44
ENSG00000101413	RPRD1B	0.229310108	0.052583126	1.24939E-44
ENSG00000109320	NFKB1	0.22924028	0.052551106	1.33097E-44
ENSG00000030582	GRN	0.229233099	0.052547814	1.33965E-44
ENSG00000125835	SNRPB	0.229204235	0.052534581	1.37513E-44
ENSG00000169189	NSMCE1	0.229150327	0.052509872	1.44391E-44
ENSG00000158966	CACHD1	0.229148799	0.052509172	1.66966E-43
ENSG00000100353	EIF3D	0.229108437	0.052490676	8.26859E-46
ENSG00000062282	DGAT2	0.229049491	0.052463669	8.72398E-46
ENSG00000161011	SQSTM1	0.229043203	0.052460789	8.77401E-46
ENSG00000137714	FDX1	0.229032263	0.052455777	8.86173E-46
ENSG00000264058	AC073508.2	0.228962563	0.052423855	9.44144E-46
ENSG00000169490	TM2D2	0.228937837	0.052412533	9.65603E-46

ENSG00000159423	ALDH4A1	0.228904746	0.052397383	1.80314E-44
ENSG00000148153	INIP	0.228898078	0.05239433	1.81405E-44
ENSG00000241973	PI4KA	0.228859265	0.052376563	1.03707E-45
ENSG00000214076	CPSF1P1	0.228848336	0.052371561	2.18811E-43
ENSG00000226259	GTF2H2B	0.228823639	0.052360258	2.02582E-42
ENSG00000109390	NDUFC1	0.228768305	0.052334937	1.12639E-45
ENSG00000178163	ZNF518B	0.228731774	0.052318224	2.10826E-44
ENSG00000105373	NOP53	0.228706846	0.052306821	2.48493E-43
ENSG00000102763	VWA8	0.22869319	0.052300575	2.18303E-44
ENSG00000260828	HMGB3P32	0.228681265	0.052295121	2.54271E-43
ENSG00000213186	TRIM59	0.228670127	0.052290027	1.23141E-45
ENSG00000189046	ALKBH2	0.228663905	0.052287182	1.23838E-45
ENSG00000143553	SNAPIN	0.228663824	0.052287144	1.23847E-45
ENSG00000141873	SLC39A3	0.228639915	0.052276211	2.29063E-44
ENSG00000229152	ANKRD10-IT1	0.228601836	0.052258799	1.31014E-45

ENSG00000136824	SMC2	0.22856195	0.052240565	2.45768E-44
ENSG00000163257	DCAF16	0.228554479	0.05223715	2.47431E-44
ENSG00000132141	CCT6B	0.228478452	0.052202403	3.05077E-43
ENSG00000128309	MPST	0.228434468	0.052182306	3.17362E-43
ENSG00000261997	AC007336.1	0.228373238	0.052154336	2.91387E-44
ENSG00000224073	N.A.	0.228366534	0.052151274	2.93154E-44
ENSG00000206535	LNP1	0.228354481	0.052145769	1.6396E-45
ENSG00000070010	UFD1	0.22833507	0.052136904	3.01591E-44
ENSG00000140986	RPL3L	0.22821133	0.052080411	1.86666E-45
ENSG00000237149	ZNF503-AS2	0.22810467	0.052031741	3.71184E-44
ENSG00000152784	PRDM8	0.228086508	0.052023455	4.33583E-43
ENSG00000187486	KCNJ11	0.22808574	0.052023105	2.09146E-45
ENSG00000188732	FAM221A	0.228048146	0.052005957	2.16385E-45
ENSG00000267427	N.A.	0.228027676	0.051996621	3.97833E-44
ENSG00000184232	OAF	0.228016655	0.051991595	2.2264E-45

ENSG00000137507	LRR32	0.227931104	0.051952588	4.49399E-42
ENSG00000085117	CD82	0.227908133	0.051942117	5.08689E-43
ENSG00000142279	WTIP	0.227906893	0.051941552	2.45881E-45
ENSG00000099769	IGFALS	0.227812467	0.05189852	4.82841E-44
ENSG00000165434	PGM2L1	0.227804246	0.051894775	5.58253E-43
ENSG00000175893	ZDHHC21	0.2277699	0.051879128	5.01682E-44
ENSG00000127951	FGL2	0.227754761	0.051872231	5.83524E-43
ENSG00000204580	DDR1	0.227719911	0.051856358	5.24744E-44
ENSG00000115325	DOK1	0.227710457	0.051852052	6.07111E-43
ENSG00000203791	EEF1AKMT2	0.227695098	0.051845058	2.97762E-45
ENSG00000152193	OBI1	0.227677162	0.05183689	3.02626E-45
ENSG00000085449	WDFY1	0.227668947	0.051833149	5.49342E-44
ENSG00000260259	LINC02166	0.227640635	0.051820259	5.63499E-44
ENSG00000075711	DLG1	0.22763772	0.051818931	6.47911E-43
ENSG00000162241	SLC25A45	0.227610408	0.051806498	5.79013E-44

ENSG00000267681	AC135721.1	0.227522355	0.051766422	3.48032E-45
ENSG00000177721	ANXA2R	0.227483529	0.051748756	6.48908E-44
ENSG00000168116	KIAA1586	0.227467727	0.051741567	3.65622E-45
ENSG00000124107	SLPI	0.227460127	0.05173811	7.59344E-43
ENSG00000128708	HAT1	0.227453494	0.051735092	6.66645E-44
ENSG00000109771	LRP2BP	0.227396201	0.051709032	7.01828E-44
ENSG00000103343	ZNF174	0.22734842	0.051687304	8.38999E-43
ENSG00000164167	LSM6	0.227326951	0.051677543	7.46827E-44
ENSG00000232334	AL683842.1	0.227305952	0.051667996	7.61031E-44
ENSG00000115137	DNAJC27	0.22728451	0.051658248	8.88254E-43
ENSG00000151718	WWC2	0.227260009	0.051647112	8.1622E-42
ENSG00000086619	ERO1B	0.227232085	0.05163442	8.13164E-44
ENSG00000225614	ZNF469	0.227080603	0.0515656	7.29686E-41
ENSG00000089127	OAS1	0.227072167	0.051561769	1.07349E-42
ENSG00000104093	DMXL2	0.227019121	0.051537681	9.84199E-44

ENSG00000124786	SLC35B3	0.22700909	0.051533127	9.93083E-44
ENSG00000101336	HCK	0.227003511	0.051530594	5.5561E-45
ENSG00000157017	GHRL	0.226992257	0.051525485	1.03507E-41
ENSG00000154832	CXXC1	0.22698377	0.051521632	1.01587E-43
ENSG00000185418	TARS3	0.226920498	0.051492912	1.07509E-43
ENSG00000204624	DISP3	0.226887669	0.051478015	1.10716E-43
ENSG00000258867	LINC01146	0.226882863	0.051475834	1.27075E-42
ENSG00000082641	NFE2L1	0.226871599	0.051470723	1.12321E-43
ENSG00000103126	AXIN1	0.226863095	0.051466864	1.29332E-42
ENSG00000262246	CORO7	0.226849202	0.05146056	1.14596E-43
ENSG00000167994	RAB3IL1	0.226834861	0.051454054	1.32625E-42
ENSG00000007520	TSR3	0.226832191	0.051452843	1.16354E-43
ENSG00000198538	ZNF28	0.226829652	0.051451691	9.10423E-41
ENSG00000145996	CDKAL1	0.226744304	0.05141298	1.28939E-41
ENSG00000130649	CYP2E1	0.226703169	0.051394327	1.49121E-42

ENSG00000236778	INTS6-AS1	0.226665682	0.051377331	1.35046E-43
ENSG00000123870	ZNF137P	0.226639689	0.051365549	1.57787E-42
ENSG00000163517	HDAC11	0.226585597	0.051341033	1.65564E-42
ENSG00000105875	WDR91	0.22658412	0.051340364	1.45263E-43
ENSG00000102760	RGCC	0.226568782	0.051333413	1.68059E-42
ENSG00000118418	HMG3	0.226452922	0.051280926	1.63335E-43
ENSG00000187775	DNAH17	0.226380619	0.051248185	1.74232E-43
ENSG00000132122	SPATA6	0.226360727	0.051239179	2.02198E-42
ENSG00000137731	FXD2	0.22635524	0.051236695	2.03186E-42
ENSG00000170525	PFKFB3	0.226338417	0.051229079	5.72302E-39
ENSG00000184185	KCNJ12	0.226315913	0.051218893	1.84596E-43
ENSG00000222011	FAM185A	0.226313832	0.05121795	1.84939E-43
ENSG00000106236	NPTX2	0.226310924	0.051216634	2.11344E-42
ENSG00000250990	AC098851.1	0.226276955	0.05120126	1.91129E-43
ENSG00000135899	SP110	0.226270079	0.051198149	1.92306E-43

ENSG0000078140	UBE2K	0.226261631	0.051194326	1.08234E-44
ENSG00000120029	ARMH3	0.226240535	0.05118478	2.24977E-42
ENSG00000117533	VAMP4	0.22623778	0.051183533	1.9793E-43
ENSG00000231453	LINC01305	0.226221254	0.051176056	1.12227E-44
ENSG00000267546	AC015802.4	0.226199427	0.051166181	2.08757E-41
ENSG00000175029	CTBP2	0.226139926	0.051139266	2.20018E-41
ENSG00000175792	RUVBL1	0.226137136	0.051138004	1.21021E-44
ENSG00000186866	POFUT2	0.226130809	0.051135143	2.47992E-42
ENSG00000129317	PUS7L	0.226109553	0.05112553	2.21921E-43
ENSG00000151729	SLC25A4	0.22602256	0.051086198	2.72989E-42
ENSG00000231507	LINC01353	0.225986958	0.051070105	2.81745E-42
ENSG00000164053	ATRIP	0.225984981	0.051069212	1.38704E-44
ENSG00000205873	N.A.	0.225939183	0.051048514	2.93937E-42
ENSG00000196275	GTF2IRD2	0.225935469	0.051046836	2.94906E-42
ENSG00000261097	LINC00563	0.225881535	0.051022468	2.7194E-43

ENSG00000235191	NUCB1-AS1	0.225808553	0.050989503	1.62448E-44
ENSG00000161544	CYGB	0.225795512	0.050983613	2.93597E-43
ENSG00000092531	SNAP23	0.225641504	0.050914088	1.88641E-44
ENSG00000163607	GTPBP8	0.225633882	0.050910649	3.39031E-43
ENSG00000064489	BORCS8-MEF2B	0.225622662	0.050905585	1.91847E-44
ENSG00000196388	INCA1	0.225579796	0.050886244	1.99344E-44
ENSG00000254802	AC022182.2	0.225576025	0.050884543	3.5694E-43
ENSG00000243156	MICAL3	0.225508822	0.050854229	4.30308E-42
ENSG00000119943	PYROXD2	0.225489485	0.050845508	3.85498E-43
ENSG00000179088	C12orf42	0.225484116	0.050843086	4.39816E-42
ENSG00000153029	MR1	0.22545178	0.050828505	4.03503E-41
ENSG00000198663	C6orf89	0.225451429	0.050828347	3.98765E-43
ENSG00000157184	CPT2	0.225357709	0.050786097	2.43113E-44
ENSG00000267676	THA1P	0.225326143	0.050771871	2.50065E-44
ENSG00000237575	PYY2	0.225252704	0.050738781	4.75784E-43

ENSG00000152127	MGAT5	0.2252336	0.050730175	2.46796E-39
ENSG00000149557	FEZ1	0.225201395	0.050715668	4.97966E-43
ENSG00000151500	THYN1	0.225174322	0.050703475	5.10081E-43
ENSG00000122965	RBM19	0.22513096	0.050683949	4.04215E-40
ENSG00000228444	AL137244.1	0.2250338	0.050640211	6.54746E-42
ENSG00000111912	NCOA7	0.225026531	0.05063694	5.86352E-41
ENSG00000153066	TXNDC11	0.22501855	0.050633348	5.85705E-43
ENSG00000100271	TTLL1	0.225007678	0.050628455	6.70016E-42
ENSG00000105556	MIER2	0.22498775	0.050619488	6.81903E-42
ENSG00000070915	SLC12A3	0.224923786	0.050590709	7.21491E-42
ENSG00000113552	GNPDA1	0.22489736	0.050578822	7.38506E-42
ENSG00000231948	HS1BP3-IT1	0.224886687	0.050574022	7.45491E-42
ENSG00000136436	CALCOCO2	0.224876432	0.05056941	7.52264E-42
ENSG00000124549	BTN2A3P	0.224862305	0.050563056	6.72754E-43
ENSG00000049167	ERCC8	0.224856233	0.050560325	6.76385E-43

ENSG00000162636	FAM102B	0.224844076	0.050554859	6.83713E-43
ENSG00000136854	STXBP1	0.224814088	0.050541374	7.02129E-43
ENSG00000205810	KLRC3	0.224783134	0.050527458	4.05881E-44
ENSG00000235241	BX284668.3	0.224780697	0.050526362	8.18519E-42
ENSG00000123411	IKZF4	0.224745038	0.050510332	7.46432E-43
ENSG00000083168	KAT6A	0.224691341	0.050486199	7.82796E-43
ENSG00000104611	SH2D4A	0.224678228	0.050480306	7.95872E-41
ENSG00000116711	PLA2G4A	0.224671493	0.05047728	7.96678E-43
ENSG00000112624	BICRAL	0.224608693	0.050449065	9.52462E-42
ENSG00000148834	GSTO1	0.224589826	0.05044059	9.68421E-42
ENSG00000229180	AC006001.3	0.224508979	0.050404281	9.19955E-43
ENSG00000228839	PIK3IP1-DT	0.224489495	0.050395533	9.35953E-43
ENSG00000079332	SAR1A	0.224480939	0.050391692	1.06585E-41
ENSG00000252274	AC080037.1	0.224470988	0.050387224	9.51406E-43
ENSG00000226479	TMEM185B	0.224428153	0.050367996	1.11654E-41

ENSG00000100490	CDKL1	0.224424133	0.050366192	5.58677E-44
ENSG00000134744	TUT4	0.224414642	0.050361931	1.00003E-42
ENSG00000249992	TMEM158	0.224361696	0.050338171	1.18377E-41
ENSG00000129437	KLK14	0.224328733	0.05032338	1.07897E-42
ENSG00000141577	CEP131	0.224314304	0.050316907	1.09282E-42
ENSG00000159176	CSRP1	0.224286819	0.050304577	1.1197E-42
ENSG00000132646	PCNA	0.224282152	0.050302484	6.33829E-44
ENSG00000179526	SHARPIN	0.224244503	0.050285597	1.16237E-42
ENSG00000161558	TMEM143	0.224233922	0.050280852	1.17329E-42
ENSG00000100342	APOL1	0.224094105	0.050218168	1.32755E-42
ENSG00000169247	SH3TC2	0.22409223	0.050217327	1.32975E-42
ENSG00000149328	GLB1L2	0.224088772	0.050215778	1.33382E-42
ENSG00000197555	SIPA1L1	0.224079546	0.050211643	1.51698E-41
ENSG00000166444	DENND2B	0.224069237	0.050207023	1.35702E-42
ENSG00000255968	AC024145.1	0.224004426	0.050177983	1.62044E-41

ENSG00000251637	LINC02754	0.223989961	0.050171503	1.4554E-42
ENSG00000135094	SDS	0.223971603	0.050163279	8.35078E-44
ENSG00000133116	KL	0.223960896	0.050158483	1.49322E-42
ENSG00000204228	HSD17B8	0.223866681	0.050116291	1.62266E-42
ENSG00000167671	UBXN6	0.223858581	0.050112664	1.6343E-42
ENSG00000108622	ICAM2	0.223853173	0.050110243	1.64211E-42
ENSG00000234572	LINC01800	0.223847609	0.050107752	1.65019E-42
ENSG00000101365	IDH3B	0.223847111	0.050107529	1.65091E-42
ENSG00000223396	RPS10P7	0.223836813	0.050102919	1.66598E-42
ENSG00000164332	UBLCP1	0.223824971	0.050097617	1.89686E-41
ENSG00000259807	AC009093.1	0.223758638	0.050067928	1.78488E-42
ENSG00000206113	CFAP99	0.223746657	0.050062567	1.01943E-43
ENSG00000137767	SQOR	0.223745559	0.050062075	1.02042E-43
ENSG00000136758	YME1L1	0.22372995	0.050055091	1.03464E-43
ENSG00000259684	AC084756.1	0.223648718	0.050018749	1.96646E-42

ENSG00000105372	RPS19	0.22360288	0.049998248	1.15792E-43
ENSG00000100325	ASCC2	0.223593859	0.049994214	2.32296E-41
ENSG00000162924	REL	0.223568912	0.049983058	2.1097E-42
ENSG00000091106	NLRC4	0.223550289	0.049974732	1.21312E-43
ENSG00000161203	AP2M1	0.223519412	0.049960928	2.20372E-42
ENSG00000253520	AC136628.3	0.223500328	0.049952397	2.24106E-42
ENSG00000132359	RAP1GAP2	0.223492636	0.049948959	2.25629E-42
ENSG00000241782	AP002812.1	0.223492095	0.049948716	2.53957E-41
ENSG00000197937	ZNF347	0.223474362	0.04994079	2.57932E-41
ENSG00000128011	LRFN1	0.223469821	0.049938761	2.30207E-42
ENSG00000111229	ARPC3	0.223462604	0.049935535	2.31675E-42
ENSG00000152953	STK32B	0.223390622	0.04990337	2.77554E-41
ENSG00000165115	KIF27	0.223371224	0.049894704	2.51078E-42
ENSG00000163428	LRRCS8	0.223349491	0.049884995	2.87729E-41
ENSG00000109929	SC5D	0.223348237	0.049884435	2.56209E-42

ENSG00000138041	N.A.	0.223347821	0.049884249	2.56303E-42
ENSG00000169598	DFFB	0.223343729	0.049882421	2.89183E-41
ENSG00000074706	IPCEF1	0.223329132	0.049875901	2.60552E-42
ENSG00000115295	CLIP4	0.223301119	0.04986339	2.64961E-40
ENSG00000197256	KANK2	0.223290667	0.049858722	3.02928E-41
ENSG00000128311	TST	0.223248888	0.049840066	3.14205E-41
ENSG00000186281	GPAT2	0.223221487	0.049827832	1.6227E-43
ENSG00000096093	EFHC1	0.223204138	0.049820087	3.26748E-41
ENSG00000205918	PDPK2P	0.223099081	0.0497732	3.58184E-41
ENSG00000151779	NBAS	0.223098734	0.049773045	1.80864E-43
ENSG00000104812	GYS1	0.223093832	0.049770858	3.20441E-42
ENSG00000157557	ETS2	0.223030636	0.049742665	3.35237E-40
ENSG00000140548	ZNF710	0.223006405	0.049731857	3.46025E-42
ENSG00000015133	CCDC88C	0.22299276	0.049725771	3.46455E-40
ENSG00000213983	AP1G2	0.22296289	0.04971245	2.03918E-43

ENSG00000164896	FASTK	0.222898237	0.049683624	2.15894E-43
ENSG00000118564	FBXL5	0.222756673	0.049620535	2.44616E-43
ENSG00000130948	HSD17B3	0.222678968	0.049585923	5.16924E-41
ENSG00000054654	SYNE2	0.222673338	0.049583415	5.19468E-41
ENSG00000111203	ITFG2	0.222629549	0.049563916	4.81657E-42
ENSG00000125449	ARMC7	0.222588429	0.049545609	4.99337E-42
ENSG00000175471	MCTP1	0.222584035	0.049543653	5.61541E-41
ENSG00000164244	PRRC1	0.222573065	0.049538769	5.06107E-42
ENSG00000116353	MECR	0.222553045	0.049529858	5.15066E-42
ENSG00000168916	ZNF608	0.222552613	0.049529665	5.07662E-40
ENSG00000143819	EPHX1	0.222543914	0.049525794	5.8153E-41
ENSG00000153714	LURAP1L	0.222506039	0.049508938	3.05091E-43
ENSG00000255833	TIFAB	0.222489458	0.049501559	5.4458E-42
ENSG00000128185	DGCR6L	0.222470847	0.049493278	3.14696E-43
ENSG00000135766	EGLN1	0.222446601	0.04948249	5.65415E-42

ENSG00000166863	TAC3	0.22239741	0.049460608	5.90308E-42
ENSG00000156239	N6AMT1	0.222363636	0.049445587	3.45852E-43
ENSG00000261485	PAN3-AS1	0.222357042	0.049442654	6.11548E-42
ENSG00000122694	GLIPR2	0.22232727	0.049429415	7.02334E-41
ENSG00000143850	PLEKHA6	0.222302708	0.049418494	6.4134E-42
ENSG00000233538	AC017104.2	0.222292324	0.049413877	3.68254E-43
ENSG00000159958	TNFRSF13C	0.222288429	0.049412146	7.26492E-41
ENSG00000181315	ZNF322	0.222216401	0.049380129	6.91658E-42
ENSG00000071626	DAZAP1	0.222144133	0.049348016	4.19529E-43
ENSG00000068120	COASY	0.222108283	0.049332089	7.60264E-42
ENSG00000244661	TRBV12-1	0.222096825	0.049327	7.6792E-42
ENSG00000137207	YIPF3	0.222053906	0.049307937	7.97284E-42
ENSG00000227963	RBM15-AS1	0.222041529	0.049302441	8.05957E-42
ENSG00000176208	ATAD5	0.221985537	0.049277579	4.82285E-43
ENSG00000238829	RNU7-45P	0.221979511	0.049274903	4.84846E-43

ENSG00000138286	FAM149B1	0.221920207	0.049248578	5.10775E-43
ENSG00000186654	PRR5	0.221858597	0.049221237	9.25668E-40
ENSG00000050327	ARHGEF5	0.221855928	0.049220053	9.47862E-42
ENSG00000051596	THOC3	0.221823273	0.049205565	1.08867E-40
ENSG00000183621	ZNF438	0.221797007	0.049193913	1.11379E-40
ENSG00000103485	QPRT	0.221780038	0.049186385	1.0128E-41
ENSG00000114854	TNNC1	0.221736058	0.049166879	6.00406E-43
ENSG00000259869	AL022344.1	0.221707315	0.049154134	1.07918E-41
ENSG00000065883	CDK13	0.221638868	0.049123788	1.1456E-41
ENSG00000159063	ALG8	0.221550105	0.049084449	1.23782E-41
ENSG00000165006	UBAP1	0.221502053	0.04906316	7.37188E-43
ENSG00000215044	N.A.	0.221450376	0.049040269	1.50462E-40
ENSG00000197888	UGT2B17	0.221441365	0.049036278	6.46637E-38
ENSG00000011478	QPCTL	0.221384498	0.049011096	1.43006E-41
ENSG00000133739	LRRCC1	0.221367368	0.049003512	8.29533E-43

ENSG00000127585	FBXL16	0.221358806	0.048999721	1.46243E-41
ENSG00000261685	N.A.	0.221352789	0.048997057	1.63742E-40
ENSG00000125735	TNFSF14	0.221337622	0.048990343	8.5143E-43
ENSG00000152942	RAD17	0.221282401	0.048965901	1.56308E-41
ENSG00000267350	N.A.	0.22094128	0.048815049	1.20437E-42
ENSG00000114446	IFT57	0.220914496	0.048803215	2.39285E-40
ENSG00000120063	GNA13	0.220847175	0.048773475	1.30761E-42
ENSG00000143457	GOLPH3L	0.220842131	0.048771247	1.31338E-42
ENSG00000179115	FARSA	0.220800113	0.04875269	1.36249E-42
ENSG00000225489	AL354707.1	0.220768034	0.048738525	1.40121E-42
ENSG00000260051	AL031600.1	0.22076538	0.048737353	1.40446E-42
ENSG00000124466	LYPD3	0.220736864	0.048724763	2.78988E-40
ENSG00000164404	GDF9	0.220614854	0.048670914	1.6017E-42
ENSG00000152382	TADA1	0.220582534	0.048656654	2.87229E-41
ENSG00000233214	AC002511.2	0.220550057	0.048642328	2.95439E-41

ENSG00000213085	CFAP45	0.220509108	0.048624267	1.75651E-42
ENSG00000138073	PREB	0.22049965	0.048620096	1.77106E-42
ENSG00000227500	SCAMP4	0.220497355	0.048619084	3.09262E-41
ENSG00000173598	NUDT4	0.220475323	0.048609368	3.04576E-39
ENSG00000265798	AC138207.6	0.220466869	0.04860564	1.82243E-42
ENSG00000160999	SH2B2	0.220452542	0.048599323	3.10587E-39
ENSG00000260456	C16orf95	0.220394675	0.048573813	1.94084E-42
ENSG00000254226	LINC01933	0.220374018	0.048564708	3.44175E-41
ENSG00000100218	RSPH14	0.220351684	0.048554865	3.50904E-41
ENSG00000172878	METAP1D	0.220298467	0.048531414	3.67469E-41
ENSG00000164442	CITED2	0.220242827	0.048506903	4.27262E-40
ENSG00000223660	AC245052.1	0.22024231	0.048506675	3.85792E-41
ENSG00000206573	THUMPD3-AS1	0.220233257	0.048502687	3.8883E-41
ENSG00000116161	CACYBP	0.220229943	0.048501228	2.24043E-42
ENSG00000167193	CRK	0.220159582	0.048470242	4.14453E-41

ENSG00000181218	H2AW	0.220116675	0.048451351	4.30141E-41
ENSG00000240522	RPL7AP10	0.220094632	0.048441647	4.85435E-40
ENSG00000220205	VAMP2	0.220078012	0.048434331	4.44783E-41
ENSG00000268581	SIGLEC18P	0.220071886	0.048431635	2.571E-42
ENSG00000134248	LAMTOR5	0.220070549	0.048431047	4.95606E-40
ENSG00000132016	BRME1	0.220066131	0.048429102	2.58391E-42
ENSG00000251442	LINC01094	0.21997821	0.048390413	4.8491E-41
ENSG00000061938	TNK2	0.219947378	0.048376849	4.78794E-39
ENSG00000227775	AL031282.1	0.219910576	0.048360662	5.68755E-40
ENSG00000233056	ERVH48-1	0.219864049	0.0483402	5.35238E-41
ENSG00000189298	ZKSCAN3	0.219856549	0.048336902	5.38721E-41
ENSG00000110344	UBE4A	0.219849945	0.048333998	5.41806E-41
ENSG00000073711	PPP2R3A	0.219777003	0.048301931	3.32266E-42
ENSG00000243716	NP1PB5	0.219765507	0.048296878	4.1217E-38
ENSG00000007168	PAFAH1B1	0.219556353	0.048204992	6.98257E-41

ENSG00000128203	ASPHD2	0.219551049	0.048202663	7.01462E-41
ENSG00000263069	RNF213-AS1	0.219439244	0.048153582	4.45519E-42
ENSG00000129559	NEDD8	0.21943373	0.048151162	4.47655E-42
ENSG00000226004	LINC02528	0.219352369	0.048115462	8.32657E-41
ENSG00000227825	SLC9A7P1	0.21929476	0.048090192	8.7507E-41
ENSG00000122644	ARL4A	0.219231207	0.048062322	6.48742E-38
ENSG00000155229	MMS19	0.219195191	0.048046532	5.50521E-42
ENSG00000013016	EHD3	0.219087677	0.04799941	1.04605E-40
ENSG00000262155	LINC02175	0.219086438	0.047998867	9.98568E-39
ENSG00000171222	SCAND1	0.219062743	0.047988485	6.17455E-42
ENSG00000100416	TRMU	0.218875937	0.047906676	1.25523E-40
ENSG00000234327	ZNF232-AS1	0.218873776	0.04790573	7.27184E-42
ENSG00000105767	CADM4	0.218828717	0.047886007	1.43877E-39
ENSG00000001629	ANKIB1	0.218778561	0.047864059	1.3649E-40
ENSG00000141699	RETREG3	0.218769292	0.047860003	1.37583E-40

ENSG00000221743	N.A.	0.218748727	0.047851005	8.10248E-42
ENSG0000060237	WNK1	0.218705795	0.047832225	1.45304E-40
ENSG00000155096	AZIN1	0.21868929	0.047825005	1.4738E-40
ENSG00000197813	AC011450.1	0.21861312	0.047791696	9.11013E-42
ENSG00000114124	GRK7	0.21858312	0.04777858	1.61461E-40
ENSG00000198429	ZNF69	0.218557128	0.047767218	1.65107E-40
ENSG00000143546	S100A8	0.2184897	0.047737749	1.92241E-39
ENSG00000173193	PARP14	0.218450679	0.047720699	1.80913E-40
ENSG00000167183	PRR15L	0.218434259	0.047713526	1.0632E-41
ENSG00000105355	PLIN3	0.218424259	0.047709157	2.03289E-39
ENSG00000225492	GBP1P1	0.218421194	0.047707818	1.07526E-41
ENSG00000146122	DAAM2	0.218419791	0.047707205	2.04066E-39
ENSG00000143891	GALM	0.218415395	0.047705285	1.86478E-40
ENSG00000184574	LPAR5	0.218408325	0.047702196	1.87613E-40
ENSG00000252448	SNORA63	0.21834591	0.047674937	1.14745E-41

ENSG00000132256	TRIM5	0.218288877	0.047650034	2.28189E-39
ENSG00000138750	NUP54	0.218259266	0.047637107	1.23651E-41
ENSG00000158109	TPRG1L	0.218241824	0.047629494	2.16427E-40
ENSG00000259042	AC244502.3	0.218234033	0.047626093	2.17878E-40
ENSG00000242861	AL591895.1	0.218210735	0.047615925	2.43917E-39
ENSG00000157601	MX1	0.21818253	0.047603617	1.32111E-41
ENSG00000161180	CCDC116	0.218153788	0.047591075	2.33399E-40
ENSG00000064726	BTBD1	0.218117132	0.047575083	2.27565E-38
ENSG00000224863	LINC01398	0.218110179	0.04757205	1.40613E-41
ENSG00000143499	SMYD2	0.218082365	0.047559918	2.72128E-39
ENSG00000148935	GAS2	0.218057829	0.047549217	2.53408E-40
ENSG00000230733	AC092171.2	0.217949583	0.047502021	3.04722E-39
ENSG00000177947	ODF3	0.217923232	0.047490535	2.84377E-40
ENSG00000260273	AL359711.2	0.217916576	0.047487634	1.66136E-41
ENSG00000067601	PMS2P4	0.217859357	0.047462699	3.00363E-40

ENSG00000169884	WNT10B	0.217845905	0.047456838	1.76558E-41
ENSG00000266805	AP005432.1	0.21780805	0.047440346	3.13848E-40
ENSG00000259376	AC090907.1	0.217750066	0.047415091	1.91737E-41
ENSG00000101199	ARFGAP1	0.217663446	0.047377376	3.88746E-39
ENSG00000228446	ANKRD49P1	0.217600039	0.047349777	2.18145E-41
ENSG00000106367	AP1S1	0.217578801	0.047340534	3.8184E-40
ENSG00000166024	R3HCC1L	0.217523089	0.047316294	2.33061E-41
ENSG00000090924	PLEKHG2	0.217476957	0.047296227	4.16564E-40
ENSG00000154265	ABCA5	0.217474998	0.047295375	2.42894E-41
ENSG00000107833	NPM3	0.217469973	0.047293189	4.58238E-39
ENSG00000249173	LINC01093	0.217465034	0.047291041	4.2083E-40
ENSG00000119787	ATL2	0.217460912	0.047289248	3.96531E-38
ENSG00000149600	COMMD7	0.217458445	0.047288175	4.23205E-40
ENSG00000101189	MRGBP	0.217450754	0.04728483	4.65781E-39
ENSG00000162894	FCMR	0.217443233	0.04728156	4.28741E-40

ENSG00000120662	MTRF1	0.217435485	0.04727819	4.31588E-40
ENSG00000234882	EIF3EP1	0.217433574	0.047277359	2.51694E-41
ENSG00000182389	CACNB4	0.217423431	0.047272948	4.09287E-38
ENSG00000174370	C11orf45	0.217407838	0.047266168	4.83074E-39
ENSG00000161021	MAML1	0.217388612	0.047257808	4.49218E-40
ENSG00000128266	GNAZ	0.217368334	0.047248993	4.57065E-40
ENSG00000267474	AC008569.2	0.217366975	0.047248402	2.66511E-41
ENSG00000168502	MTCL1	0.217331627	0.047233036	3.2214E-37
ENSG00000111261	MANSC1	0.217310556	0.047223878	4.80179E-40
ENSG00000170456	DENND5B	0.217297109	0.047218033	2.82987E-41
ENSG00000226696	LENG8-AS1	0.217272914	0.047207519	4.95859E-40
ENSG00000114859	CLCN2	0.21724469	0.047195255	2.9601E-41
ENSG00000072364	AFF4	0.217188087	0.047170665	5.33084E-40
ENSG00000137509	PRCP	0.217165201	0.047160724	5.43595E-40
ENSG00000171097	KYAT1	0.217092399	0.04712911	5.78419E-40

ENSG00000251441	RTEL1P1	0.217064056	0.047116805	3.45621E-41
ENSG00000223522	AC093690.1	0.217053932	0.047112409	3.48634E-41
ENSG00000188467	SLC24A5	0.217048898	0.047110224	3.50142E-41
ENSG00000185420	SMYD3	0.217047824	0.047109758	6.55677E-39
ENSG00000178935	ZNF552	0.217046168	0.047109039	6.01676E-40
ENSG00000197329	PELI1	0.217024782	0.047099756	3.57457E-41
ENSG00000205336	ADGRG1	0.216992581	0.04708578	6.29798E-40
ENSG00000154153	RETREG1	0.216902784	0.047046818	7.41434E-39
ENSG00000198901	PRC1	0.216820558	0.047011154	7.29206E-40
ENSG00000175309	PHYKPL	0.216776948	0.046992245	7.05956E-38
ENSG00000130545	CRB3	0.216768926	0.046988767	7.6198E-40
ENSG00000137218	FRS3	0.216745187	0.046978476	8.47289E-39
ENSG00000077616	NAALAD2	0.216723283	0.046968982	8.63145E-39
ENSG00000138134	STAMBPL1	0.216723131	0.046968916	8.63256E-39
ENSG00000006530	AGK	0.216674469	0.046947825	8.99548E-39

ENSG00000121289	CEP89	0.216649341	0.046936937	8.43619E-40
ENSG00000143641	GALNT2	0.216571668	0.046903287	8.39051E-38
ENSG00000184640	SEPTIN9	0.216558247	0.046897474	9.92481E-39
ENSG00000105289	TJP3	0.216545912	0.046892132	1.00289E-38
ENSG00000243417	RPS3AP18	0.216445454	0.046848634	4.33593E-36
ENSG00000116670	MAD2L2	0.216422939	0.046838888	1.11275E-38
ENSG00000168807	SNTB2	0.216412173	0.046834229	9.59432E-38
ENSG00000157429	ZNF19	0.216405699	0.046831427	1.12908E-38
ENSG00000182912	TSPEAR-AS2	0.216336168	0.046801337	1.02269E-37
ENSG00000154914	USP43	0.216282569	0.046778149	6.74587E-41
ENSG00000197272	IL27	0.216260459	0.046768586	1.1741E-39
ENSG00000154263	ABCA10	0.216252221	0.046765023	1.28537E-38
ENSG00000117586	TNFSF4	0.216214221	0.046748589	1.32727E-38
ENSG00000090530	P3H2	0.216212576	0.046747878	1.13452E-37
ENSG00000139926	FRMD6	0.216169153	0.046729103	1.37874E-38

ENSG00000104833	TUBB4A	0.216166421	0.046727922	1.38192E-38
ENSG00000064225	ST3GAL6	0.216092936	0.046696157	7.93127E-41
ENSG00000266913	LINC01841	0.216070615	0.046686511	1.49827E-38
ENSG00000167378	IRGQ	0.216013051	0.046661638	1.57281E-38
ENSG00000197702	PARVA	0.216002351	0.046657015	8.56846E-41
ENSG00000138592	USP8	0.215979144	0.04664699	8.73973E-41
ENSG00000232224	N.A.	0.215924168	0.046623246	1.56178E-39
ENSG00000167578	RAB4B	0.215768629	0.046556101	1.78181E-39
ENSG00000232630	PRPS1P2	0.215727644	0.046538416	1.84475E-39
ENSG00000162437	RAVER2	0.215726673	0.046537998	1.84627E-39
ENSG00000141391	PRELID3A	0.215698409	0.046525804	2.05031E-38
ENSG00000231249	ITPR1-DT	0.21568875	0.046521637	1.11935E-40
ENSG00000223622	GSTA6P	0.215669523	0.046513343	1.13783E-40
ENSG00000236882	LINC01554	0.215649593	0.046504747	1.97078E-39
ENSG00000160172	FAM86C2P	0.215592331	0.046480053	2.06866E-39

ENSG00000140553	UNC45A	0.215568651	0.046469843	2.11053E-39
ENSG00000260841	N.A.	0.215552242	0.046462769	2.14004E-39
ENSG00000215458	AATBC	0.215542646	0.046458632	1.26759E-40
ENSG00000166557	TMED3	0.21552853	0.046452547	2.36542E-38
ENSG00000230701	FBXW4P1	0.21538994	0.046392826	2.45492E-39
ENSG00000198464	ZNF480	0.215375398	0.046386562	2.69048E-38
ENSG00000197323	TRIM33	0.215366772	0.046382847	2.71006E-38
ENSG00000157036	EXOG	0.215357776	0.046378972	2.52258E-39
ENSG00000125249	RAP2A	0.215244152	0.046330045	1.63381E-40
ENSG00000134748	PRPF38A	0.215203403	0.046312504	1.69136E-40
ENSG00000146376	ARHGAP18	0.215187339	0.046305591	3.15099E-38
ENSG00000132357	CARD6	0.215185789	0.046304924	2.91712E-39
ENSG00000198729	PPP1R14C	0.215126209	0.046279286	3.31694E-38
ENSG00000008256	CYTH3	0.215123329	0.046278047	3.32497E-38
ENSG00000156265	MAP3K7CL	0.215122438	0.046277663	1.81175E-40

ENSG00000111300	NAA25	0.215112865	0.046273545	3.1024E-39
ENSG00000172009	THOP1	0.215101702	0.046268742	1.84393E-40
ENSG00000135249	RINT1	0.215074546	0.04625706	2.94063E-37
ENSG00000164944	VIRMA	0.215023728	0.046235203	3.34481E-39
ENSG00000179241	LDLRAD3	0.215013168	0.046230662	3.09513E-37
ENSG00000123989	CHPF	0.215011891	0.046230113	1.99E-40
ENSG00000088854	C20orf194	0.215005456	0.046227346	3.67069E-38
ENSG00000239056	N.A.	0.214945175	0.046201428	3.57399E-39
ENSG00000267648	AC060766.4	0.214941927	0.046200032	3.5838E-39
ENSG00000177150	FAM210A	0.214934044	0.046196643	2.12587E-40
ENSG00000235958	UBOX5-AS1	0.214926814	0.046193535	3.62977E-39
ENSG00000063854	HAGH	0.214861715	0.046165557	2.26037E-40
ENSG00000203993	ARRDC1-AS1	0.214832597	0.046153045	2.31687E-40
ENSG00000108091	CCDC6	0.214816737	0.04614623	4.30005E-38
ENSG00000207110	RNVU1-32	0.214812665	0.046144481	3.9965E-39

ENSG00000131844	MCCC2	0.214762442	0.046122907	4.1693E-39
ENSG00000248932	AC046134.2	0.214762182	0.046122795	4.17022E-39
ENSG00000254739	AC137894.1	0.214750736	0.046117879	2.48335E-40
ENSG00000185527	PDE6G	0.214723965	0.046106381	4.64766E-38
ENSG00000198182	ZNF607	0.214712393	0.046101412	4.34889E-39
ENSG00000010379	SLC6A13	0.214696124	0.046094426	4.75732E-38
ENSG00000075292	ZNF638	0.214675062	0.046085382	4.48783E-39
ENSG00000181019	NQO1	0.214625246	0.046063996	2.76192E-40
ENSG00000270079	N.A.	0.214597845	0.046052235	2.82677E-40
ENSG00000118997	DNAH7	0.214579492	0.046044358	2.87104E-40
ENSG00000145016	RUBCN	0.214567698	0.046039297	2.89986E-40
ENSG00000172738	TMEM217	0.214473067	0.045998696	3.14171E-40
ENSG00000214654	B3GNT10	0.214456369	0.045991534	3.18643E-40
ENSG00000161179	YDJC	0.214453802	0.045990433	3.19335E-40
ENSG00000183077	AFMID	0.214445406	0.045986832	5.86823E-38

ENSG00000228989	N.A.	0.214442909	0.045985761	5.4565E-39
ENSG00000213654	GPSM3	0.214432	0.045981082	3.25282E-40
ENSG00000080007	DDX43	0.214414377	0.045973525	5.58906E-39
ENSG00000137331	IER3	0.214408455	0.045970985	5.61698E-39
ENSG00000246790	AP000977.1	0.214395531	0.045965444	3.35474E-40
ENSG00000106399	RPA3	0.214384666	0.045960785	5.7305E-39
ENSG00000205268	PDE7A	0.214382943	0.045960046	6.18295E-38
ENSG00000139908	TSSK4	0.214313996	0.045930489	6.08139E-39
ENSG00000244515	KRT18P34	0.214299333	0.045924204	6.15682E-39
ENSG00000224165	DNAJC27-AS1	0.214289118	0.045919826	6.20993E-39
ENSG00000063176	SPHK2	0.214227264	0.045893321	3.86772E-40
ENSG00000254343	AC091563.1	0.214223867	0.045891865	6.56003E-39
ENSG00000163885	CFAP100	0.214183309	0.04587449	4.01411E-40
ENSG00000099864	PALM	0.214161865	0.045865304	6.91086E-39
ENSG00000008128	CDK11A	0.214138781	0.045855417	7.04619E-39

ENSG00000132952	USPL1	0.214115204	0.04584532	4.25187E-40
ENSG00000121775	TMEM39B	0.214109857	0.045843031	7.21948E-39
ENSG00000261188	Z95115.1	0.214072709	0.045827125	7.44826E-39
ENSG00000119714	GPR68	0.21406463	0.045823666	7.49896E-39
ENSG00000085832	EPS15	0.214016998	0.045803276	8.39411E-38
ENSG00000174579	MSL2	0.214006096	0.045798609	8.47085E-38
ENSG00000119280	C1orf198	0.21400401	0.045797716	7.89051E-39
ENSG00000014824	SLC30A9	0.213989986	0.045791714	7.98395E-39
ENSG00000214432	VPS33B-DT	0.213963965	0.045780578	4.8311E-40
ENSG00000133961	NUMB	0.213936127	0.045768666	8.35313E-39
ENSG00000122986	HVCN1	0.213927405	0.045764935	4.9825E-40
ENSG00000187109	NAP1L1	0.213874367	0.045742245	8.79739E-39
ENSG00000213830	CFL1P5	0.213844735	0.045729571	5.34248E-40
ENSG00000133872	SARAF	0.213813234	0.045716099	9.26026E-39
ENSG00000165409	TSHR	0.213743148	0.045686134	9.82076E-39

ENSG00000103005	USB1	0.213649421	0.045646075	6.29893E-40
ENSG00000137819	PAQR5	0.213628652	0.045637201	1.08098E-38
ENSG00000151116	UEVLD	0.213584484	0.045618332	6.65321E-40
ENSG00000255189	GLYATL1P1	0.213576925	0.045615103	6.69571E-40
ENSG00000204316	MRPL38	0.213558415	0.045607196	1.1465E-38
ENSG00000268849	SIGLEC22P	0.213553556	0.045605121	6.82883E-40
ENSG00000111684	LPCAT3	0.213527237	0.045593881	1.26266E-37
ENSG00000135775	COG2	0.213523751	0.045592392	1.26633E-37
ENSG00000118402	ELOVL4	0.213451538	0.045561559	1.25383E-38
ENSG00000262147	AC124283.2	0.21341326	0.04554522	1.29465E-38
ENSG00000105968	H2AZ2	0.213398089	0.045538744	1.40594E-37
ENSG00000067533	RRP15	0.213359119	0.045522114	1.35465E-38
ENSG00000223991	AC104809.1	0.213352789	0.045519413	1.45994E-37
ENSG00000171310	CHST11	0.213314843	0.045503222	1.50675E-37
ENSG00000146063	TRIM41	0.213314434	0.045503048	1.50726E-37

ENSG00000198722	UNC13B	0.213311206	0.04550167	1.41005E-38
ENSG00000258900	HNRNPCP1	0.213310112	0.045501204	1.41134E-38
ENSG00000131495	NDUFA2	0.213266833	0.045482742	8.69291E-40
ENSG00000124209	RAB22A	0.213219988	0.045462763	1.52183E-38
ENSG00000143314	MRPL24	0.213215816	0.045460984	9.07403E-40
ENSG00000144504	ANKMY1	0.213206989	0.04545722	1.6481E-37
ENSG00000228857	AC104653.1	0.213196889	0.045452913	1.662E-37
ENSG00000102524	TNFSF13B	0.213178798	0.0454452	1.57515E-38
ENSG00000106524	ANKMY2	0.213167398	0.045440339	1.70323E-37
ENSG00000133059	DSTYK	0.213133149	0.045425739	1.7524E-37
ENSG00000153495	TEX29	0.213109409	0.04541562	1.66919E-38
ENSG00000175224	ATG13	0.213056374	0.045393019	1.74482E-38
ENSG00000064042	LIMCH1	0.212994357	0.045366596	1.96651E-37
ENSG00000077463	SIRT6	0.212979469	0.045360254	1.10679E-39
ENSG00000225886	AL445490.1	0.212970744	0.045356538	1.11493E-39

ENSG00000176102	CSTF3	0.212947935	0.045346823	2.04378E-37
ENSG00000183735	TBK1	0.212939406	0.045343191	1.92386E-38
ENSG00000186017	ZNF566	0.212925244	0.04533716	1.94675E-38
ENSG00000260917	AL158212.3	0.212822802	0.045293545	2.12051E-38
ENSG00000158169	FANCC	0.212822179	0.04529328	2.12162E-38
ENSG00000168118	RAB4A	0.212815386	0.045290388	1.27026E-39
ENSG00000259097	AL163932.1	0.212769427	0.045270829	2.21707E-38
ENSG00000018189	RUFY3	0.212702324	0.045242279	2.34469E-38
ENSG00000108439	PNPO	0.212642197	0.045216704	2.46522E-38
ENSG00000168214	RBPJ	0.212625752	0.04520971	2.66981E-37
ENSG00000117593	DARS2	0.212621445	0.045207879	2.50824E-38
ENSG00000260351	AC024270.1	0.212612513	0.045204081	1.5059E-39
ENSG00000166986	MARS1	0.212593708	0.045196085	2.5669E-38
ENSG00000150593	PDCD4	0.212494035	0.045153715	2.97761E-37
ENSG00000242259	C22orf39	0.212476998	0.045146475	3.01991E-37

ENSG00000095787	WAC	0.212467505	0.045142441	3.04374E-37
ENSG00000164347	GFM2	0.212462307	0.045140232	2.86386E-38
ENSG00000180611	MB21D2	0.212422393	0.045123273	3.15957E-37
ENSG00000153093	ACOXL	0.21236273	0.045097929	3.11143E-38
ENSG00000167637	ZNF283	0.21234511	0.045090446	3.1574E-38
ENSG00000164951	PDP1	0.212292979	0.045068309	1.96808E-39
ENSG00000230084	AC006059.1	0.212287692	0.045066064	1.97681E-39
ENSG00000106976	DNM1	0.212283938	0.04506447	3.3223E-38
ENSG00000136295	TTYH3	0.212281576	0.045063467	3.55005E-37
ENSG00000269427	AC024075.3	0.212206626	0.045031652	3.543E-38
ENSG00000130311	DDA1	0.212085787	0.044980381	2.34055E-39
ENSG00000107014	RLN2	0.212073694	0.044975252	3.95706E-38
ENSG00000144681	STAC	0.211945098	0.044920724	2.6326E-39
ENSG00000135226	UGT2B28	0.211935074	0.044916476	2.65474E-39
ENSG00000118518	RNF146	0.211930124	0.044914377	4.45839E-38

ENSG00000180884	ZNF792	0.211924885	0.044912157	2.67744E-39
ENSG00000167302	TEPSIN	0.211913911	0.044907506	4.51883E-38
ENSG00000179021	C3orf38	0.211889418	0.044897125	2.75795E-39
ENSG00000136040	PLXNC1	0.211885461	0.044895449	4.9248E-37
ENSG00000245017	LINC02453	0.211884148	0.044894892	2.77012E-39
ENSG00000183765	CHEK2	0.211867945	0.044888026	4.69465E-38
ENSG00000136213	CHST12	0.211854639	0.044882388	4.7468E-38
ENSG00000197343	ZNF655	0.211853078	0.044881727	4.75295E-38
ENSG00000226155	N.A.	0.211812081	0.044864358	4.9175E-38
ENSG00000174021	GNG5	0.21173158	0.044830262	5.25724E-38
ENSG00000158711	ELK4	0.211692856	0.044813865	5.42888E-38
ENSG00000101280	ANGPT4	0.211621923	0.044783838	5.75785E-38
ENSG00000115808	STRN	0.211579518	0.044765892	5.96389E-38
ENSG00000058056	USP13	0.211565512	0.044759966	3.61399E-39
ENSG00000178715	AL450998.1	0.211481021	0.044724222	3.87775E-39

ENSG00000162639	HENMT1	0.21146661	0.044718127	6.54894E-38
ENSG00000211829	TRDC	0.211438375	0.044706186	6.70395E-38
ENSG00000182512	GLRX5	0.21142092	0.044698805	7.22313E-37
ENSG00000171132	PRKCE	0.211401178	0.044690458	6.91373E-38
ENSG00000181004	BBS12	0.211398115	0.044689163	6.93129E-38
ENSG00000215271	HOMEZ	0.211391625	0.044686419	6.96865E-38
ENSG00000230839	N.A.	0.211377449	0.044680426	7.48635E-37
ENSG00000072786	STK10	0.211367871	0.044676377	7.10711E-38
ENSG00000233461	AL445524.1	0.211357585	0.044672029	4.29783E-39
ENSG00000167861	HID1	0.211344397	0.044666454	4.3453E-39
ENSG00000189077	TMEM120A	0.211322505	0.044657201	7.83272E-37
ENSG00000213903	LTB4R	0.211304396	0.044649548	4.4925E-39
ENSG00000176153	GPX2	0.2112855	0.044641563	7.60873E-38
ENSG00000114988	LMAN2L	0.211247309	0.044625426	4.7112E-39
ENSG00000165801	ARHGEF40	0.211222264	0.044614845	8.01756E-38

ENSG00000120910	PPP3CC	0.211175097	0.044594921	5.00307E-39
ENSG00000103657	HERC1	0.21115051	0.044584538	8.50795E-38
ENSG00000253710	ALG11	0.211144643	0.04458206	5.13148E-39
ENSG00000153790	C7orf31	0.211140636	0.044580368	5.14861E-39
ENSG00000269656	NOP53-AS1	0.211128986	0.044575449	5.19876E-39
ENSG00000196353	CPNE4	0.211122793	0.044572834	8.70526E-38
ENSG00000262482	AC004034.1	0.211096654	0.044561797	8.8955E-38
ENSG00000172216	CEBPB	0.211085048	0.044556897	9.52223E-37
ENSG00000149743	TRPT1	0.211030171	0.044533733	9.39818E-38
ENSG00000178028	DMAP1	0.211006912	0.044523917	9.58063E-38
ENSG00000169291	SHE	0.210999948	0.044520978	9.63594E-38
ENSG00000154316	TDH	0.210992386	0.044517787	5.82428E-39
ENSG00000100359	SGSM3	0.210946964	0.044498621	1.06664E-36
ENSG00000165507	DEPP1	0.210895424	0.04447688	6.31315E-39
ENSG00000125378	BMP4	0.210888017	0.044473756	1.05697E-37

ENSG00000226496	LINC00323	0.210877228	0.044469205	6.40933E-39
ENSG00000224607	IGKV1D-27	0.210875699	0.04446856	1.06778E-37
ENSG00000126775	ATG14	0.210864709	0.044463925	1.07752E-37
ENSG00000144868	TMEM108	0.210836979	0.044452232	1.10248E-37
ENSG00000116990	MYCL	0.21081003	0.044440869	1.19358E-36
ENSG00000140367	UBE2Q2	0.210802504	0.044437696	1.13432E-37
ENSG00000128536	CDHR3	0.210787949	0.04443156	1.0105E-35
ENSG00000146094	DOK3	0.210786986	0.044431153	1.14895E-37
ENSG00000111678	C12orf57	0.210741865	0.044412134	1.26225E-36
ENSG00000254211	LINC01485	0.21070533	0.044396736	1.22906E-37
ENSG00000136026	CKAP4	0.210665452	0.044379933	1.11667E-35
ENSG00000105146	AURKC	0.210638001	0.044368368	1.37452E-36
ENSG00000112079	STK38	0.210619635	0.044360631	1.31912E-37
ENSG00000176410	DNAJC30	0.210591799	0.044348906	8.12349E-39
ENSG00000242110	AMACR	0.210559827	0.044335441	1.38582E-37

ENSG00000143669	LYST	0.210543573	0.044328596	1.2333E-35
ENSG00000268230	AC012313.3	0.210535953	0.044325388	1.41337E-37
ENSG00000172766	NAA16	0.210533799	0.04432448	1.41589E-37
ENSG00000077044	DGKD	0.210516547	0.044317217	1.43617E-37
ENSG00000240057	AC078785.1	0.210399222	0.044267832	1.58199E-37
ENSG00000145850	TIMD4	0.210353127	0.044248438	1.73595E-36
ENSG00000020577	SAMD4A	0.210273192	0.044214815	1.75506E-37
ENSG00000116199	FAM20B	0.210225808	0.04419489	1.10028E-38
ENSG00000109381	ELF2	0.21021764	0.044191456	1.83719E-37
ENSG00000164209	SLC25A46	0.210206444	0.044186749	1.11807E-38
ENSG00000255320	AP000759.1	0.210187129	0.044178629	1.88392E-37
ENSG00000100425	BRD1	0.21016402	0.044168915	2.02655E-36
ENSG00000243536	N.A.	0.210143558	0.044160315	2.06076E-36
ENSG00000215196	BASP1-AS1	0.210124205	0.044152181	1.98405E-37
ENSG00000181652	ATG9B	0.210105308	0.044144241	1.76186E-35

ENSG00000181817	LSM10	0.210093842	0.044139422	2.03424E-37
ENSG00000236081	ELFN1-AS1	0.21007295	0.044130644	2.0695E-37
ENSG00000118263	KLF7	0.210044087	0.044118518	2.2354E-36
ENSG00000169122	FAM110B	0.210034497	0.04411449	1.86623E-35
ENSG00000225490	N.A.	0.209907454	0.044061139	2.37118E-37
ENSG00000103018	CYB5B	0.20989706	0.044056776	2.39152E-37
ENSG00000172765	TMCC1	0.209872011	0.044046261	1.47448E-38
ENSG00000106609	TMEM248	0.209813577	0.044021737	2.56132E-37
ENSG00000108950	FAM20A	0.209789886	0.044011796	2.61166E-37
ENSG00000183666	GUSBP1	0.209771107	0.044003917	1.60272E-38
ENSG00000225484	NUTM2B-AS1	0.20974683	0.043993732	2.84982E-36
ENSG00000255477	AC021713.1	0.209723268	0.043983849	1.66733E-38
ENSG00000243284	VSIG8	0.209680833	0.043966052	3.00753E-36
ENSG00000197497	ZNF665	0.209627514	0.043943694	2.59679E-35
ENSG00000188610	FAM72B	0.209551959	0.043912024	1.92066E-38

ENSG00000100351	GRAP2	0.209508226	0.043893697	3.46219E-36
ENSG00000259030	FPGT-TNNI3K	0.209494857	0.043888095	3.32721E-37
ENSG00000159433	STARD9	0.209363197	0.043832948	3.70646E-37
ENSG00000139618	BRCA2	0.20932648	0.043817575	3.81968E-37
ENSG00000163817	SLC6A20	0.209293789	0.04380389	3.92337E-37
ENSG00000223508	RPL23AP53	0.209278898	0.043797657	2.40577E-38
ENSG00000140320	BAHD1	0.209263665	0.043791282	2.43616E-38
ENSG00000185477	GPRIN3	0.209233559	0.043778682	4.33041E-36
ENSG00000169992	NLGN2	0.209232405	0.043778199	3.57622E-35
ENSG00000158163	DZIP1L	0.209214608	0.043770752	4.18626E-37
ENSG0000028116	VRK2	0.209191679	0.043761159	4.26561E-37
ENSG00000156194	PPEF2	0.209176093	0.043754638	4.53777E-36
ENSG00000006453	BAIAP2L1	0.209174037	0.043753778	2.62287E-38
ENSG00000235782	AL031429.1	0.209171615	0.043752765	2.62811E-38
ENSG00000117425	PTCH2	0.209160396	0.043748071	4.37627E-37

ENSG00000198925	ATG9A	0.209119413	0.043730929	4.52559E-37
ENSG00000158815	FGF17	0.20903752	0.043696685	4.83927E-37
ENSG00000205929	C21orf62	0.209017595	0.043688355	4.91881E-37
ENSG00000234444	ZNF736	0.208994889	0.043678864	5.01103E-37
ENSG00000233791	LINC01136	0.208934481	0.043653617	5.52311E-36
ENSG00000220349	Z85996.1	0.20890708	0.043642168	5.38411E-37
ENSG00000226125	LINC01907	0.208903927	0.043640851	5.66198E-36
ENSG00000182606	TRAK1	0.208901344	0.043639771	5.67388E-36
ENSG00000164402	SEPTIN8	0.20888397	0.043632513	3.33016E-38
ENSG00000100380	ST13	0.208853721	0.043619877	5.62417E-37
ENSG00000006747	SCIN	0.208835016	0.043612064	3.46696E-38
ENSG00000117281	CD160	0.208804293	0.043599233	3.55565E-38
ENSG00000187912	CLEC17A	0.208764256	0.043582515	6.05076E-37
ENSG00000076321	KLHL20	0.208720916	0.043564421	6.26883E-37
ENSG00000005513	SOX8	0.208703329	0.04355708	6.35953E-37

ENSG00000115526	CHST10	0.208672344	0.043544147	6.52251E-37
ENSG00000251417	AC145285.2	0.208669102	0.043542794	3.97349E-38
ENSG00000170632	ARMC10	0.208552438	0.04349412	7.53192E-36
ENSG00000168488	ATXN2L	0.208538323	0.043488232	7.61865E-36
ENSG00000164933	SLC25A32	0.208535783	0.043487173	7.29171E-37
ENSG00000131941	RHPN2	0.208533646	0.043486281	7.30444E-37
ENSG00000259772	AC012236.1	0.208518204	0.043479841	7.74399E-36
ENSG00000170242	USP47	0.208512713	0.043477551	7.43028E-37
ENSG00000151611	MMAA	0.208507224	0.043475263	7.46362E-37
ENSG00000227345	PARG	0.208466769	0.043458394	4.69166E-38
ENSG00000090615	GOLGA3	0.208440055	0.043447256	7.88401E-37
ENSG00000100368	CSF2RB	0.208367398	0.043416973	8.36524E-37
ENSG00000120913	PDLIM2	0.208362048	0.043414743	8.40182E-37
ENSG00000154721	JAM2	0.208346782	0.043408382	8.50703E-37
ENSG00000167664	TMIGD2	0.208338717	0.043405021	5.21137E-38

ENSG00000182568	SATB1	0.208321396	0.043397804	8.68492E-37
ENSG00000198081	ZBTB14	0.208297743	0.04338795	8.85398E-37
ENSG00000268510	IFNL3P1	0.20829233	0.043385695	8.89312E-37
ENSG00000159023	EPB41	0.208241696	0.043364604	9.68911E-36
ENSG00000239377	ZNF775-AS1	0.208239273	0.043363595	5.65411E-38
ENSG00000149657	LSM14B	0.208170327	0.043334885	5.9828E-38
ENSG00000119986	AVPI1	0.208156394	0.043329084	9.93463E-37
ENSG00000122550	KLHL7	0.208152394	0.043327419	9.96704E-37
ENSG00000261115	TMEM178B	0.208140859	0.043322617	6.12902E-38
ENSG00000213088	ACKR1	0.20813529	0.043320299	6.15705E-38
ENSG00000123739	PLA2G12A	0.208107204	0.043308608	6.30036E-38
ENSG00000108671	PSMD11	0.208086895	0.043300156	6.40604E-38
ENSG00000100568	VTI1B	0.208055448	0.043287069	1.12656E-35
ENSG00000104881	PPP1R13L	0.208022819	0.043273493	9.48647E-35
ENSG00000100600	LGMN	0.207998677	0.04326345	1.12957E-36

ENSG00000126106	TMEM53	0.207978609	0.043255102	1.14816E-36
ENSG00000231113	AL035587.1	0.207953635	0.043244714	7.14459E-38
ENSG00000134917	ADAMTS8	0.207952254	0.04324414	7.15267E-38
ENSG00000150867	PIP4K2A	0.207925379	0.043232963	7.31175E-38
ENSG00000148488	ST8SIA6	0.207903803	0.043223991	1.22021E-36
ENSG00000124256	ZBP1	0.207903218	0.043223748	1.27415E-35
ENSG00000105851	PIK3CG	0.207880708	0.043214389	1.29754E-35
ENSG00000153107	ANAPC1	0.20787181	0.043210689	7.63938E-38
ENSG00000244627	TPTEP2	0.207871069	0.043210381	1.25313E-36
ENSG00000135077	HAVCR2	0.207840547	0.043197693	1.28462E-36
ENSG00000132972	RNF17	0.207822635	0.043190248	7.95297E-38
ENSG00000104915	STX10	0.207745033	0.043157999	1.44787E-35
ENSG00000196586	MYO6	0.207730628	0.043152014	1.40467E-36
ENSG00000234694	AL139289.1	0.207720531	0.043147819	8.64552E-38
ENSG00000211724	TRBV6-6	0.20771997	0.043147586	1.47748E-35

ENSG00000103121	CMC2	0.20765752	0.043121646	9.10247E-38
ENSG00000132205	EMILIN2	0.207613492	0.043103362	1.61011E-35
ENSG00000171777	RASGRP4	0.207599105	0.043097388	1.56306E-36
ENSG00000205485	AC004980.1	0.207582559	0.043090519	1.5842E-36
ENSG00000206549	AC109583.1	0.207570382	0.043085464	1.59994E-36
ENSG00000182319	N.A.	0.207561474	0.043081765	1.61155E-36
ENSG00000088766	CRLS1	0.207523578	0.043066035	1.01551E-37
ENSG00000106327	TFR2	0.207492231	0.043053026	1.70473E-36
ENSG00000170899	GSTA4	0.207470184	0.043043877	1.80747E-35
ENSG00000179918	SEPHS2	0.207466757	0.043042455	1.06374E-37
ENSG00000257008	GPR142	0.207395158	0.043012751	1.12776E-37
ENSG00000143994	ABHD1	0.207358493	0.042997545	1.16201E-37
ENSG00000145287	PLAC8	0.207356881	0.042996876	1.98036E-35
ENSG00000213231	TCL1B	0.207335681	0.042988085	1.18385E-37
ENSG00000106682	EIF4H	0.207260118	0.042956756	1.25911E-37

ENSG00000123552	USP45	0.207254345	0.042954364	2.06752E-36
ENSG00000108515	ENO3	0.207241974	0.042949236	2.08836E-36
ENSG00000268948	N.A.	0.207237606	0.042947425	1.78104E-34
ENSG00000135624	CCT7	0.2072276	0.042943278	2.11283E-36
ENSG00000065485	PDIA5	0.207225275	0.042942315	2.11681E-36
ENSG00000226469	ADAM1B	0.207199382	0.042931584	1.32304E-37
ENSG00000120057	SFRP5	0.207191505	0.04292832	1.33157E-37
ENSG00000124523	SIRT5	0.207088962	0.042885838	2.36398E-36
ENSG00000268355	AC243960.3	0.207062028	0.042874684	1.47976E-37
ENSG00000114013	CD86	0.207056661	0.042872461	2.52205E-35
ENSG00000162231	NXF1	0.207002913	0.042850206	2.53456E-36
ENSG00000112304	ACOT13	0.206855595	0.042789237	2.85544E-36
ENSG00000100253	MIOX	0.206800334	0.042766378	3.0994E-35
ENSG00000166105	GLB1L3	0.206787051	0.042760885	3.0182E-36
ENSG00000242736	TRBV1	0.206757569	0.042748692	2.61428E-34

ENSG00000143033	MTF2	0.20669497	0.04272281	1.99502E-37
ENSG00000169223	LMAN2	0.206655373	0.042706443	2.0603E-37
ENSG00000228265	N.A.	0.206652877	0.042705412	3.36393E-36
ENSG00000138398	PPIG	0.20662154	0.042692461	3.45019E-36
ENSG00000076053	RBM7	0.206570594	0.04267141	2.20728E-37
ENSG00000113407	TARS1	0.206444976	0.042619528	3.9789E-36
ENSG00000241468	ATP5MF	0.206437863	0.042616591	2.45859E-37
ENSG00000142405	NLRP12	0.206434273	0.042615109	4.15829E-35
ENSG00000108839	ALOX12	0.206411408	0.042605669	4.23525E-35
ENSG00000263368	AC069366.1	0.206403496	0.042602403	4.26221E-35
ENSG00000152782	PANK1	0.206358435	0.042583804	4.26669E-36
ENSG00000188846	RPL14	0.20627916	0.042551092	2.79664E-37
ENSG00000125945	ZNF436	0.20623424	0.042532562	4.71618E-36
ENSG00000111276	CDKN1B	0.206202079	0.042519298	5.00895E-35
ENSG00000164494	PDSS2	0.206199861	0.042518383	2.98246E-37

ENSG00000214193	SH3D21	0.206144535	0.042495569	5.06982E-36
ENSG00000134668	SPOCD1	0.206130973	0.042489978	3.15381E-37
ENSG00000125703	ATG4C	0.206082721	0.042470088	3.27963E-37
ENSG00000232759	AC002480.1	0.206044833	0.042454473	5.68108E-35
ENSG00000261534	AL596244.1	0.206043924	0.042454099	3.38439E-37
ENSG00000124693	N.A.	0.206035539	0.042450643	5.72349E-35
ENSG00000163492	CCDC141	0.206026996	0.042447123	5.76276E-35
ENSG00000267254	ZNF790-AS1	0.206005293	0.042438181	5.6716E-36
ENSG00000113070	HBEGF	0.205977827	0.042426865	3.5706E-37
ENSG00000092850	TEKT2	0.20594636	0.042413903	3.66278E-37
ENSG00000162654	GBP4	0.205946128	0.042413808	5.94831E-36
ENSG00000143390	RFX5	0.205913506	0.042400372	3.76156E-37
ENSG00000036530	CYP46A1	0.205912521	0.042399966	6.11141E-36
ENSG00000100628	ASB2	0.205850434	0.042374401	5.38457E-34
ENSG00000143995	MEIS1	0.205822495	0.042362899	4.04921E-37

ENSG00000153347	FAM81B	0.205781313	0.042345949	6.79186E-36
ENSG00000214026	MRPL23	0.205750882	0.042333426	7.18674E-35
ENSG00000197857	ZNF44	0.205748984	0.042332644	4.29743E-37
ENSG00000178685	PARP10	0.205727062	0.042323624	7.09473E-36
ENSG00000231813	N.A.	0.205717534	0.042319704	7.1493E-36
ENSG00000136011	STAB2	0.205717362	0.042319633	7.38184E-35
ENSG00000196422	PPP1R26	0.205708298	0.042315904	7.20258E-36
ENSG00000105559	PLEKHA4	0.205694256	0.042310127	7.28435E-36
ENSG00000253704	AC023632.2	0.205680506	0.042304471	4.54223E-37
ENSG00000117245	KIF17	0.20558818	0.0422665	7.93261E-36
ENSG00000134910	STT3A	0.205581608	0.042263798	7.97461E-36
ENSG00000254017	IGHEP2	0.205567528	0.042258008	8.06533E-36
ENSG00000268516	AC020915.2	0.205563197	0.042256228	4.99421E-37
ENSG00000254815	LMNTD2-AS1	0.205561878	0.042255686	8.35788E-35
ENSG00000188676	IDO2	0.20547161	0.042218582	8.98227E-35

ENSG00000178982	EIF3K	0.205461413	0.042214392	8.78286E-36
ENSG00000108797	CNTNAP1	0.205436178	0.042204023	8.96263E-36
ENSG00000119899	SLC17A5	0.205434084	0.042203163	5.54345E-37
ENSG00000079785	DDX1	0.205380107	0.042180988	5.79049E-37
ENSG00000127483	HP1BP3	0.205336496	0.042163077	5.99804E-37
ENSG00000213722	DDAH2	0.20532017	0.042156372	9.83718E-36
ENSG00000067606	PRKCZ	0.20524276	0.042124591	1.04674E-35
ENSG00000235897	TM4SF19-AS1	0.205241009	0.042123872	6.47865E-37
ENSG00000144161	ZC3H8	0.205207952	0.042110303	6.6538E-37
ENSG00000258946	N.A.	0.205182356	0.042099799	1.09869E-35
ENSG00000229980	TOB1-AS1	0.205045868	0.042043808	1.22569E-35
ENSG00000104892	KLC3	0.205022925	0.0420344	1.24843E-35
ENSG00000156535	CD109	0.204965264	0.042010759	1.34469E-34
ENSG00000134460	IL2RA	0.204958777	0.0420081	1.31425E-35
ENSG00000106070	GRB10	0.204852001	0.041964342	1.47148E-34

ENSG00000176659	C20orf197	0.204850638	0.041963784	1.4331E-35
ENSG00000111729	CLEC4A	0.204821573	0.041951877	1.46682E-35
ENSG00000140807	NKD1	0.204820115	0.04195128	1.46854E-35
ENSG00000142227	EMP3	0.204784124	0.041936538	9.36323E-37
ENSG00000156574	NODAL	0.20475331	0.041923918	9.5984E-37
ENSG00000211765	TRBJ2-2	0.204743739	0.041919999	1.56107E-35
ENSG00000188822	CNR2	0.204731257	0.041914888	1.57673E-35
ENSG00000171847	FAM90A1	0.20470947	0.041905967	1.60445E-35
ENSG00000179921	GPBAR1	0.204674364	0.041891595	1.0228E-36
ENSG00000260661	AC116903.2	0.204607071	0.041864053	1.78771E-34
ENSG00000105370	LIM2	0.204546433	0.041839243	1.13366E-36
ENSG00000116984	MTR	0.204536184	0.041835051	1.14304E-36
ENSG00000185015	CA13	0.204526969	0.041831281	1.15154E-36
ENSG00000134758	RNF138	0.204513786	0.041825889	1.8761E-35
ENSG00000143412	ANXA9	0.204475427	0.0418102	1.93448E-35

ENSG0000065183	WDR3	0.204396369	0.041777876	2.06054E-35
ENSG00000166716	ZNF592	0.204381439	0.041771773	2.08525E-35
ENSG00000125741	OPA3	0.204354545	0.04176078	2.18447E-34
ENSG00000260103	AC012435.2	0.204297505	0.04173747	1.38469E-36
ENSG00000223969	AC002456.1	0.204277983	0.041729494	2.26474E-35
ENSG00000258725	PRC1-AS1	0.204268948	0.041725803	1.41681E-36
ENSG00000131381	RBSN	0.204218539	0.041705212	2.37473E-35
ENSG00000072832	CRMP1	0.204176654	0.041688106	2.4554E-35
ENSG00000077254	USP33	0.204149414	0.041676983	2.50932E-35
ENSG00000105778	AVL9	0.204135788	0.04167142	2.53673E-35
ENSG00000187513	GJA4	0.204045109	0.041634407	1.69559E-36
ENSG00000167106	FAM102A	0.204023096	0.041625424	2.77514E-35
ENSG00000137288	UQCC2	0.20401658	0.041622765	1.73483E-36
ENSG00000256751	PLBD1-AS1	0.20399662	0.041614621	2.8343E-35
ENSG00000174255	ZNF80	0.20394665	0.041594236	2.9494E-35

ENSG00000100365	NCF4	0.203945427	0.041593737	2.42739E-33
ENSG00000266604	LINC01887	0.20391713	0.041582196	1.87879E-36
ENSG00000134899	ERCC5	0.203838193	0.041550009	3.2883E-34
ENSG00000166579	NDEL1	0.203790583	0.041530602	2.07927E-36
ENSG00000078177	N4BP2	0.203782754	0.041527411	3.43568E-34
ENSG00000261452	N.A.	0.20372259	0.041502894	3.60305E-34
ENSG00000108443	RPS6KB1	0.203691512	0.041490232	2.25092E-36
ENSG00000261690	N.A.	0.203678245	0.041484827	2.27495E-36
ENSG00000158411	MITD1	0.203667976	0.041480645	2.29373E-36
ENSG00000221821	C6orf226	0.203647202	0.041472183	3.74313E-35
ENSG00000224358	TMCO1-AS1	0.203643786	0.041470792	2.33857E-36
ENSG00000134986	NREP	0.203571872	0.041441507	3.97417E-35
ENSG00000205832	C16orf96	0.20356962	0.04144059	2.48154E-36
ENSG00000162073	PAQR4	0.203537915	0.041427683	4.08289E-35
ENSG00000198785	GRIN3A	0.203502213	0.041413151	2.61901E-36

ENSG00000151532	VTI1A	0.203486072	0.041406582	3.48196E-33
ENSG00000259922	AC023825.1	0.2034786	0.041403541	4.27994E-35
ENSG00000170364	SETMAR	0.203450232	0.041391997	4.3775E-35
ENSG00000108821	COL1A1	0.20339283	0.041368643	2.85834E-36
ENSG00000128617	OPN1SW	0.203380263	0.041363531	3.7832E-33
ENSG00000155011	DKK2	0.203353211	0.041352529	4.72813E-35
ENSG00000177599	ZNF491	0.203330249	0.04134319	4.81512E-35
ENSG00000267892	AC022144.1	0.203327153	0.041341931	4.82697E-35
ENSG00000257595	LINC02356	0.203313888	0.041336537	3.04445E-36
ENSG00000240893	LINC02042	0.203293746	0.041328347	4.95668E-35
ENSG00000178585	CTNNBIP1	0.203264448	0.041316436	5.1732E-34
ENSG00000260912	AL158206.1	0.20321577	0.041296649	5.37561E-34
ENSG00000061273	HDAC7	0.203214897	0.041296294	5.27674E-35
ENSG00000113263	ITK	0.203211257	0.041294815	5.29201E-35
ENSG00000218682	AC064847.1	0.203178126	0.041281351	5.43294E-35

ENSG00000173868	PHOSPHO1	0.20317461	0.041279922	5.55288E-34
ENSG00000198198	SZT2	0.203157223	0.041272857	5.52377E-35
ENSG00000206249	AL359555.1	0.203129866	0.041261742	5.75217E-34
ENSG00000137124	ALDH1B1	0.203078094	0.041240712	5.88148E-35
ENSG00000116095	PLEKHA3	0.203065204	0.041235477	6.05279E-34
ENSG00000163947	ARHGEF3	0.203038955	0.041224817	6.06682E-35
ENSG00000099953	MMP11	0.203035622	0.041223464	6.08287E-35
ENSG00000125304	TM9SF2	0.203034157	0.041222869	6.08994E-35
ENSG00000111348	ARHGDI3	0.203020618	0.041217371	6.15564E-35
ENSG00000227017	AC007036.1	0.203020472	0.041217312	3.84796E-36
ENSG00000125503	PPP1R12C	0.20301605	0.041215516	6.29171E-34
ENSG00000121988	ZRANB3	0.203010424	0.041213232	3.87893E-36
ENSG00000180694	TMEM64	0.202993998	0.041206563	6.28689E-35
ENSG00000212123	PRR22	0.202905025	0.041170449	4.21902E-36
ENSG00000256525	POLG2	0.202896888	0.041167147	6.91049E-34

ENSG00000112320	SOBP	0.202864656	0.041154069	6.96522E-35
ENSG00000088387	DOCK9	0.202861134	0.04115264	7.10767E-34
ENSG00000167881	SRP68	0.20284522	0.041146183	7.07325E-35
ENSG00000269969	N.A.	0.202834228	0.041141724	5.80085E-33
ENSG00000267913	N.A.	0.202833126	0.041141277	7.26603E-34
ENSG00000006555	TTC22	0.202800598	0.041128082	7.45435E-34
ENSG00000249502	AC006160.1	0.2027215	0.041096006	4.88334E-36
ENSG00000163002	NUP35	0.202712754	0.041092461	7.85518E-35
ENSG00000250486	FAM218A	0.20268879	0.041082746	8.00554E-35
ENSG00000117877	POLR1G	0.202673216	0.041076433	8.10479E-35
ENSG00000135486	HNRNPA1	0.202656795	0.041069776	5.14154E-36
ENSG00000211968	IGHV1-58	0.202653735	0.041068536	5.15408E-36
ENSG00000070269	TMEM260	0.202632921	0.041060101	8.36728E-35
ENSG00000215041	NEURL4	0.202577827	0.041037776	8.7399E-35
ENSG00000179933	C14orf119	0.202559343	0.041030287	8.86857E-35

ENSG00000128298	BAIAP2L2	0.202555686	0.041028806	8.89425E-35
ENSG00000104889	RNASEH2A	0.202522146	0.041015219	7.40184E-33
ENSG00000182993	C12orf60	0.202509601	0.041010139	9.22424E-35
ENSG00000083223	TUT7	0.202501581	0.04100689	9.2829E-35
ENSG00000231607	DLEU2	0.202382328	0.040958607	1.02001E-34
ENSG00000165511	ZNF22-AS1	0.202366646	0.04095226	1.03272E-34
ENSG00000172757	CFL1	0.202334316	0.040939176	6.64499E-36
ENSG00000184402	SS18L1	0.202304115	0.040926955	1.10098E-33
ENSG00000196724	ZNF418	0.202297326	0.040924208	1.09083E-34
ENSG00000267868	AL356740.1	0.202244991	0.040903036	1.13684E-34
ENSG00000113845	TIMMDC1	0.202214805	0.040890828	1.18086E-33
ENSG00000133422	MORC2	0.20220661	0.040887513	1.1718E-34
ENSG00000134352	IL6ST	0.202186654	0.040879443	1.20721E-33
ENSG00000226833	AC092164.1	0.202174265	0.040874433	1.21899E-33
ENSG00000156787	TBC1D31	0.202158903	0.040868222	1.21675E-34

ENSG00000089022	MAPKAPK5	0.202129049	0.040856152	1.24575E-34
ENSG00000137161	CNPY3	0.202115699	0.040850756	7.90511E-36
ENSG00000103024	NME3	0.202040129	0.040820214	1.33624E-34
ENSG00000138814	PPP3CA	0.202029925	0.040816091	1.34703E-34
ENSG00000187950	OVCH1	0.202021714	0.040812773	1.35578E-34
ENSG00000105204	DYRK1B	0.202004096	0.040805655	8.6372E-36
ENSG00000129167	TPH1	0.201970934	0.040792258	1.42951E-33
ENSG00000073598	FNDC8	0.201956763	0.040786534	1.42699E-34
ENSG00000185245	GP1BA	0.20192894	0.040775297	1.45863E-34
ENSG00000103415	HMOX2	0.201925514	0.040773913	1.46257E-34
ENSG00000139437	TCHP	0.201860164	0.040747526	1.55899E-33
ENSG00000238184	CD81-AS1	0.201829478	0.040735138	9.91997E-36
ENSG00000102967	DHODH	0.201819586	0.040731145	9.99805E-36
ENSG00000167487	KLHL26	0.201753647	0.040704534	1.67456E-34
ENSG00000169282	KCNAB1	0.201733551	0.040696426	1.07034E-35

ENSG00000176383	B3GNT4	0.201710564	0.040687152	1.73232E-34
ENSG00000105393	BABAM1	0.201697444	0.040681859	1.7503E-34
ENSG00000267655	AC125437.1	0.20169553	0.040681087	1.77325E-33
ENSG00000169313	P2RY12	0.201694011	0.040680474	1.75504E-34
ENSG00000085719	CPNE3	0.201680161	0.040674887	1.77427E-34
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ENSG00000116514	RNF19B	0.201662772	0.040667874	1.79871E-34
ENSG00000164938	TP53INP1	0.201660265	0.040666862	1.13431E-35
ENSG00000187609	EXD3	0.201658812	0.040666276	1.82489E-33
ENSG00000166166	TRMT61A	0.201646806	0.040661434	1.14647E-35
ENSG00000137760	ALKBH8	0.201614622	0.040648456	1.17606E-35
ENSG00000167904	TMEM68	0.20147353	0.040591583	2.08735E-34
ENSG00000168795	ZBTB5	0.201431673	0.040574719	2.15716E-34
ENSG00000119487	MAPKAP1	0.20140707	0.040564808	1.38597E-35
ENSG00000250764	AC025178.1	0.201396034	0.040560363	1.39812E-35

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ENSG00000145103	ILDR1	0.201298589	0.040521122	1.51009E-35
ENSG00000023330	ALAS1	0.201279383	0.04051339	1.53319E-35
ENSG00000107438	PDLIM1	0.201248387	0.040500913	2.5143E-33
ENSG00000183486	MX2	0.201221028	0.040489902	2.54526E-34
ENSG00000234769	WASH4P	0.201204101	0.04048309	2.5793E-34
ENSG00000167769	ACER1	0.201197794	0.040480552	2.5921E-34
ENSG00000139624	CERS5	0.201188205	0.040476694	2.61168E-34
ENSG00000231389	HLA-DPA1	0.201162104	0.040466192	2.13062E-32
ENSG00000145685	LHFPL2	0.201147005	0.040460118	2.6975E-34
ENSG00000227776	AKR1D1P1	0.201097566	0.040440231	2.80418E-34
ENSG00000123689	GOS2	0.201052604	0.04042215	2.90484E-34
ENSG00000197181	PIWIL2	0.201040435	0.040417256	2.93269E-34
ENSG00000075702	WDR62	0.201034387	0.040414825	2.94663E-34

ENSG0000065618	COL17A1	0.201009792	0.040404936	1.89697E-35
ENSG0000077063	CTTNBP2	0.200945956	0.040379277	3.18254E-33
ENSG00000205361	MT1DP	0.200935955	0.040375258	3.18302E-34
ENSG00000103569	AQP9	0.20093404	0.040374488	3.1878E-34
ENSG00000198142	SOWAHC	0.200901562	0.040361437	2.06607E-35
ENSG00000123143	PKN1	0.200866966	0.040347538	2.12321E-35
ENSG00000050438	SLC4A8	0.200839257	0.040336407	3.45817E-33
ENSG00000197780	TAF13	0.200774942	0.040310577	3.63563E-33
ENSG00000166126	AMN	0.200744838	0.04029849	3.72177E-33
ENSG00000244071	RPL9P33	0.200722988	0.040289718	3.78556E-33
ENSG00000138780	GSTCD	0.200684843	0.040274406	2.45096E-35
ENSG00000157216	SSBP3	0.200679135	0.040272115	3.09553E-32
ENSG00000264198	N.A.	0.200660452	0.040264617	2.49851E-35
ENSG00000117791	MTARC2	0.200645727	0.040258708	4.01994E-33
ENSG00000235962	RPL7AP53	0.200645704	0.040258699	3.99536E-34

ENSG0000074266	EED	0.200642131	0.040257265	2.53483E-35
ENSG00000171735	CAMTA1	0.200604425	0.040242135	4.15109E-33
ENSG00000221510	MIR5480	0.200579122	0.040231984	4.20901E-34
ENSG00000117519	CNN3	0.200553039	0.040221521	4.32021E-33
ENSG00000149305	HTR3B	0.200523608	0.040209717	4.42014E-33
ENSG00000059573	ALDH18A1	0.200465475	0.040186407	4.6243E-33
ENSG00000253307	AC011676.1	0.200457348	0.040183148	3.67357E-32
ENSG00000166483	WEE1	0.200400272	0.040160269	4.84072E-34
ENSG00000166311	SMPD1	0.200396066	0.040158583	4.85666E-34
ENSG00000108774	RAB5C	0.200372316	0.040149065	3.13455E-35
ENSG00000137502	RAB30	0.200333056	0.040133333	5.10174E-34
ENSG00000132704	FCRL2	0.200322964	0.04012929	5.16528E-33
ENSG00000253330	AC024451.2	0.200297906	0.040119251	5.24376E-34
ENSG00000169682	SPNS1	0.20024496	0.040098044	3.46467E-35
ENSG00000164398	ACSL6	0.200217087	0.040086882	5.58536E-34

ENSG0000006638	TBXA2R	0.20015662	0.040062673	3.71372E-35
ENSG00000166439	RNF169	0.200105343	0.040042148	6.09435E-34
ENSG00000160352	ZNF714	0.200099679	0.040039882	3.88359E-35
ENSG00000230795	HLA-K	0.200045302	0.040018123	4.053E-35
ENSG00000198093	ZNF649	0.199974044	0.039989618	6.75153E-34
ENSG00000147912	FBXO10	0.199972757	0.039989103	6.77655E-33
ENSG00000180776	ZDHHC20	0.199968523	0.03998741	6.78066E-34
ENSG00000233098	CCDC144NL-AS1	0.199937726	0.039975094	6.96291E-33
ENSG00000144746	ARL6IP5	0.199920626	0.039968257	7.03862E-34
ENSG00000257094	AC016957.1	0.199918521	0.039967415	7.06723E-33
ENSG00000235098	ANKRD65	0.199910873	0.039964357	4.50399E-35
ENSG00000267150	AC006557.1	0.199869364	0.039947763	4.65307E-35
ENSG00000204055	AL158151.1	0.199854032	0.039941634	4.70936E-35
ENSG00000161202	DVL3	0.199819221	0.039927721	7.61737E-34
ENSG00000130522	JUND	0.199801772	0.039920748	7.73565E-33

ENSG00000140379	BCL2A1	0.199800855	0.039920382	7.72713E-34
ENSG00000119688	ABCD4	0.199769396	0.039907811	5.03251E-35
ENSG0000010310	GIPR	0.199759546	0.039903876	7.99255E-33
ENSG00000169570	DTWD2	0.199740921	0.039896435	8.10854E-33
ENSG00000124608	AARS2	0.199734419	0.039893838	8.13747E-34
ENSG00000241945	PWP2	0.199720397	0.039888237	8.2268E-34
ENSG00000178184	PARD6G	0.199695721	0.039878381	8.38638E-34
ENSG00000100485	SOS2	0.19966903	0.039867722	8.56245E-34
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ENSG00000183248	PRR36	0.199661318	0.039864642	8.61401E-34
ENSG00000174945	AMZ1	0.199644775	0.039858036	8.73442E-33
ENSG00000164877	MICALL2	0.199633556	0.039853557	8.80216E-34
ENSG00000155324	GRAMD2B	0.199626521	0.039850748	8.85856E-33
ENSG00000224738	AC099850.1	0.199589972	0.039836157	5.79221E-35
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ENSG00000178053	MLF1	0.199316443	0.039727044	7.1749E-35
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ENSG00000182054	IDH2	0.199239084	0.039696213	1.19482E-32
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ENSG00000162909	CAPN2	0.199217895	0.03968777	1.21451E-32
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ENSG00000126698	DNAJC8	0.199211614	0.039685267	7.78773E-35
ENSG00000160216	AGPAT3	0.199150468	0.039660909	1.27933E-32
ENSG00000198909	MAP3K3	0.199119762	0.03964868	1.31221E-33
ENSG00000111057	KRT18	0.199109386	0.039644548	1.3205E-32
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ENSG00000120437	ACAT2	0.198972589	0.039590091	1.47091E-33
ENSG00000006025	OSBPL7	0.198917256	0.039568075	1.53539E-33
ENSG00000169575	VPREB1	0.198906439	0.039563771	1.54832E-33
ENSG00000232774	AL355916.1	0.198900024	0.039561219	1.55604E-33
ENSG00000139200	PIANP	0.198847833	0.039540461	1.61525E-32
ENSG00000165181	SHOC1	0.198835308	0.03953548	1.63607E-33
ENSG00000137710	RDX	0.198814979	0.039527396	1.66205E-33
ENSG00000188529	SRSF10	0.198802493	0.039522431	1.6782E-33
ENSG00000153827	TRIP12	0.198800187	0.039521514	1.68121E-33
ENSG00000184277	TM2D3	0.198789313	0.039517191	1.68966E-32
ENSG00000162551	ALPL	0.198775463	0.039511685	1.33649E-31
ENSG00000112659	CUL9	0.19875297	0.039502743	1.74383E-33
ENSG00000198454	LINC02692	0.198736683	0.039496269	1.76597E-33

ENSG0000019991	HGF	0.198731794	0.039494326	1.1326E-34
ENSG00000140694	PARN	0.198724832	0.039491559	1.7756E-32
ENSG00000129534	MIS18BP1	0.198695923	0.03948007	1.8226E-33
ENSG00000256826	ATP5MFP4	0.198656825	0.039464534	1.87861E-33
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ENSG00000269899	N.A.	0.198609117	0.039445581	1.94084E-32
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ENSG00000161647	MPP3	0.198595761	0.039440276	1.25927E-34
ENSG00000123338	NCKAP1L	0.198595381	0.039440125	1.25965E-34
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ENSG00000256271	CACNA1C-AS2	0.198563756	0.039427565	1.29106E-34
ENSG00000005471	ABCB4	0.198513246	0.039407509	2.09937E-33
ENSG00000164187	LMBRD2	0.198500422	0.039402418	2.1203E-33
ENSG00000123106	CCDC91	0.198296502	0.039321503	2.48232E-33

ENSG00000171786	NHLH1	0.19823829	0.03929842	1.33387E-30
ENSG00000151117	TMEM86A	0.198238042	0.039298321	2.59699E-33
ENSG00000196141	SPATS2L	0.198228704	0.039294619	1.34358E-30
ENSG00000226891	LINC01359	0.198207062	0.039286039	1.70409E-34
ENSG00000131100	ATP6V1E1	0.198190957	0.039279655	2.69316E-33
ENSG00000224387	AL139246.1	0.198164148	0.039269029	2.73128E-32
ENSG00000166025	AMOTL1	0.198159216	0.039267075	2.74163E-32
ENSG00000117143	UAP1	0.198151462	0.039264002	2.77655E-33
ENSG00000174607	UGT8	0.198148743	0.039262924	1.78311E-34
ENSG00000113368	LMNB1	0.198136765	0.039258178	2.80823E-33
ENSG00000125505	MBOAT7	0.198090193	0.039239725	2.91101E-33
ENSG00000176953	NFATC2IP	0.198059164	0.039227432	2.98155E-33
ENSG00000131437	KIF3A	0.197988152	0.039199308	3.14945E-33
ENSG00000155380	SLC16A1	0.197953089	0.039185425	2.07578E-34
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ENSG00000122507	BBS9	0.197937377	0.039179205	3.27522E-33
ENSG00000119771	KLHL29	0.1978778	0.039155624	3.42916E-33
ENSG00000115738	ID2	0.197869112	0.039152186	3.42409E-32
ENSG00000172175	MALT1	0.197867473	0.039151537	3.45657E-33
ENSG00000116663	FBXO6	0.19785493	0.039146573	3.46147E-32
ENSG00000196381	ZNF781	0.197740071	0.039101136	3.8131E-33
ENSG00000231595	N.A.	0.19772861	0.039096603	3.8128E-32
ENSG00000176454	LPCAT4	0.197658031	0.039068697	4.06178E-33
ENSG00000117479	SLC19A2	0.197619769	0.039053573	4.14376E-32
ENSG00000173406	DAB1	0.197587279	0.039040733	4.24798E-32
ENSG00000226609	AL390067.1	0.197559381	0.039029709	2.81698E-34
ENSG00000074621	SLC24A1	0.197557563	0.039028991	2.82095E-34
ENSG00000213963	AC019080.1	0.197521265	0.03901465	4.4678E-32
ENSG00000087111	PIGS	0.197477979	0.038997552	4.66541E-33
ENSG00000156172	C8orf37	0.197447648	0.038985574	4.77553E-33

ENSG00000164815	ORC5	0.197443063	0.038983763	3.08252E-34
ENSG00000118046	STK11	0.197413947	0.038972267	3.15279E-34
ENSG00000110583	NAA40	0.197400238	0.038966854	4.95283E-33
ENSG00000167208	SNX20	0.197374652	0.038956753	3.88251E-31
ENSG00000103152	MPG	0.197372966	0.038956088	3.2544E-34
ENSG00000101407	TTI1	0.197349252	0.038946727	3.31468E-34
ENSG00000224020	MIR181A2HG	0.197305332	0.038929394	3.42925E-34
ENSG00000115109	EPB41L5	0.197294453	0.038925101	3.45824E-34
ENSG00000127054	INTS11	0.197292963	0.038924513	3.46222E-34
ENSG00000005436	GCFC2	0.197225153	0.038897761	5.66612E-33
ENSG00000262339	AC130371.1	0.197194291	0.038885588	4.45124E-31
ENSG00000261235	AC092142.1	0.197170315	0.038876133	5.84045E-32
ENSG00000102580	DNAJC3	0.1971613	0.038872578	3.83331E-34
ENSG00000170917	NUDT6	0.197149833	0.038868057	6.00352E-33
ENSG00000255595	AC007368.1	0.197131771	0.038860935	6.08734E-33

ENSG00000170906	NDUFA3	0.197116158	0.03885478	6.16075E-33
ENSG00000130402	ACTN4	0.197101259	0.038848906	6.23161E-33
ENSG00000247400	DNAJC3-DT	0.197092177	0.038845326	6.2752E-33
ENSG00000182247	UBE2E2	0.197089845	0.038844407	6.21003E-32
ENSG00000258511	LINC02295	0.197079532	0.038840342	6.3364E-33
ENSG00000214870	AC004540.1	0.197070822	0.038836909	4.11094E-34
ENSG00000187984	ANKRD19P	0.197046385	0.038827278	6.49964E-33
ENSG00000233755	AL050344.1	0.197033052	0.038822023	4.23267E-34
ENSG00000188051	TMEM221	0.197023935	0.038818431	6.61257E-33
ENSG00000155034	FBXL18	0.197020938	0.03881725	6.6278E-33
ENSG00000223177	RNA5SP39	0.197003019	0.03881019	6.71954E-33
ENSG00000156381	ANKRD9	0.196999479	0.038808795	6.73781E-33
ENSG00000174151	CYB561D1	0.19699915	0.038808665	4.34497E-34
ENSG00000183691	NOG	0.196986086	0.038803518	4.38903E-34
ENSG00000172578	KLHL6	0.196900514	0.038769813	7.26912E-33

ENSG00000198169	ZNF251	0.196888412	0.038765047	7.33688E-33
ENSG00000142178	SIK1	0.196874111	0.038759416	7.31936E-32
ENSG00000072518	MARK2	0.196871905	0.038758547	7.33166E-32
ENSG00000132541	RIDA	0.196866285	0.038756334	4.81435E-34
ENSG00000228168	HNRNPA1P21	0.196864378	0.038755583	7.3738E-32
ENSG00000163171	CDC42EP3	0.196801408	0.038730794	7.73587E-32
ENSG00000250317	SMIM20	0.19680078	0.038730547	7.84662E-33
ENSG00000175206	NPPA	0.196789042	0.038725927	7.91752E-33
ENSG00000197279	ZNF165	0.196763801	0.038715993	5.2105E-34
ENSG00000166123	GPT2	0.196742138	0.038707469	8.20721E-33
ENSG00000162745	OLFML2B	0.196725313	0.038700849	8.31367E-33
ENSG00000165338	HECTD2	0.196680426	0.03868319	5.55653E-34
ENSG00000180190	TDRP	0.196673314	0.038680392	6.60132E-31
ENSG00000196569	LAMA2	0.196631068	0.038663777	8.93587E-33
ENSG00000131142	CCL25	0.196629274	0.038663071	8.94815E-33

ENSG00000139746	RBM26	0.196581925	0.038644453	9.27842E-33
ENSG00000180448	ARHGAP45	0.196567286	0.038638698	9.24368E-32
ENSG00000100225	FBXO7	0.196562919	0.038636981	9.41437E-33
ENSG00000081870	HSPB11	0.196514718	0.038618034	6.31344E-34
ENSG00000108256	NUFIP2	0.196511797	0.038616886	9.78994E-33
ENSG00000198517	MAFK	0.196486628	0.038606995	6.45153E-34
ENSG00000163512	AZI2	0.196480949	0.038604763	6.47981E-34
ENSG00000236383	CCDC200	0.196475974	0.038602809	6.50469E-34
ENSG00000241772	AC092620.1	0.196458767	0.038596047	1.01953E-32
ENSG00000235237	Z82188.2	0.196417329	0.038579767	1.05235E-32
ENSG00000269667	AC092723.1	0.196411865	0.038577621	1.05676E-32
ENSG00000112877	CEP72	0.196408904	0.038576458	1.04257E-31
ENSG00000085644	ZNF213	0.196392685	0.038570087	1.05549E-31
ENSG00000261167	AC107027.3	0.196332206	0.038546335	7.26599E-34
ENSG00000261433	AC002347.1	0.196318236	0.03854085	7.34452E-34

ENSG00000145632	PLK2	0.19631347	0.038538979	1.13931E-32
ENSG00000123908	AGO2	0.196308459	0.038537011	8.69347E-31
ENSG00000124172	ATP5F1E	0.196307905	0.038536794	7.40314E-34
ENSG00000064313	TAF2	0.196303776	0.038535173	7.4267E-34
ENSG00000214960	CRPPA	0.196299735	0.038533586	1.15134E-32
ENSG00000060558	GNA15	0.196292	0.038530549	1.13933E-31
ENSG00000121057	AKAP1	0.196248514	0.038513479	1.19729E-32
ENSG00000134453	RBM17	0.196239405	0.038509904	1.18572E-31
ENSG00000240230	COX19	0.196175971	0.038485011	1.24417E-31
ENSG00000075420	FNDC3B	0.196170866	0.038483009	8.2261E-34
ENSG00000103067	ESRP2	0.196157786	0.038477877	8.30924E-34
ENSG00000136205	TNS3	0.196133905	0.038468509	1.2845E-31
ENSG00000149196	HIKESHI	0.196032652	0.038428801	1.41182E-32
ENSG00000122729	ACO1	0.195952308	0.038397307	1.50106E-32
ENSG00000153936	HS2ST1	0.195946237	0.038394928	1.50803E-32

ENSG0000005379	TSPOAP1	0.195946005	0.038394837	1.48108E-31
ENSG00000100307	CBX7	0.195942388	0.038393419	9.80485E-34
ENSG00000221535	N.A.	0.19591894	0.038384231	1.53975E-32
ENSG00000078124	ACER3	0.195894865	0.038374798	1.56828E-32
ENSG00000138363	ATIC	0.195870016	0.038365063	1.59827E-32
ENSG00000244161	FLNB-AS1	0.195771117	0.03832633	1.72341E-32
ENSG00000121749	TBC1D15	0.195749548	0.038317886	1.1369E-33
ENSG00000132155	RAF1	0.195742613	0.038315171	1.14296E-33
ENSG00000184838	PRR16	0.195713311	0.0383037	1.801E-32
ENSG00000189233	NUGGC	0.195686923	0.038293372	1.80197E-31
ENSG00000143612	C1orf43	0.195648879	0.038278484	1.89158E-32
ENSG00000197747	S100A10	0.195624921	0.03826911	1.25091E-33
ENSG00000198843	SELENOT	0.195517919	0.038227257	2.08986E-32
ENSG00000103502	CDIPT	0.195449446	0.038200486	2.15628E-31
ENSG00000138685	FGF2	0.195445369	0.038198892	1.43541E-33

ENSG00000148399	DPH7	0.195367651	0.038168519	1.52343E-33
ENSG00000153904	DDAH1	0.195305014	0.038144048	2.40473E-31
ENSG00000121766	ZCCHC17	0.195245418	0.038120773	1.67281E-33
ENSG00000108370	RGS9	0.19513356	0.038077106	2.79897E-32
ENSG00000255441	SIGLEC10-AS1	0.195115709	0.03807014	2.77387E-31
ENSG00000155657	TTN	0.195106241	0.038066445	2.79374E-31
ENSG00000196427	NBPF4	0.195085741	0.038058446	2.83725E-31
ENSG00000261351	AC116913.1	0.195054783	0.038046368	2.97146E-32
ENSG00000143882	ATP6V1C2	0.195017005	0.038031632	3.05788E-32
ENSG00000198898	CAPZA2	0.194953544	0.038006884	2.09094E-33
ENSG00000055732	MCOLN3	0.194950219	0.038005588	2.09626E-33
ENSG00000217083	MTCO2P33	0.194916831	0.037992571	3.29932E-32
ENSG00000118971	CCND2	0.194890074	0.037982141	3.36694E-32
ENSG00000104133	SPG11	0.194884037	0.037979788	3.38239E-32
ENSG00000205482	SPDYE18	0.194876245	0.037976751	3.40244E-32

ENSG00000117020	AKT3	0.194853946	0.03796806	3.46045E-32
ENSG00000120049	KCNIP2	0.194768909	0.037934928	3.69083E-32
ENSG00000176641	RNF152	0.194762329	0.037932365	3.70928E-32
ENSG00000174358	SLC6A19	0.194761892	0.037932195	3.62098E-31
ENSG00000162650	ATXN7L2	0.19475695	0.037930269	3.72443E-32
ENSG00000257599	OVCH1-AS1	0.194755612	0.037929748	2.432E-33
ENSG00000103037	SETD6	0.194732643	0.037920802	3.79366E-32
ENSG00000163781	TOPBP1	0.194709598	0.037911828	3.76628E-31
ENSG00000170502	NUDT9	0.194700679	0.037908355	3.88664E-32
ENSG00000167315	ACAA2	0.194659141	0.037892181	4.01085E-32
ENSG00000134780	DAGLA	0.194624671	0.037878763	4.11692E-32
ENSG00000167434	CA4	0.194622338	0.037877854	2.69221E-33
ENSG00000176761	ZNF285B	0.19457974	0.037861275	4.25937E-32
ENSG00000009335	UBE3C	0.194576978	0.0378602	4.26829E-32
ENSG00000126001	CEP250	0.194527255	0.037840853	2.89457E-33

ENSG0000007944	MYLIP	0.194507479	0.037833159	4.4988E-32
ENSG00000256043	CTSO	0.194503914	0.037831773	4.51095E-32
ENSG00000254206	NPIP11	0.194495292	0.037828419	4.54048E-32
ENSG00000224652	LINC00885	0.194477623	0.037821546	4.48383E-31
ENSG00000070423	RNF126	0.1944583	0.037814031	4.54939E-31
ENSG00000215114	UBXN2B	0.194455692	0.037813016	3.05677E-33
ENSG00000169435	RASSF6	0.194438602	0.03780637	4.73943E-32
ENSG00000257742	N.A.	0.194427052	0.037801878	4.78102E-32
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ENSG00000168228	ZCCHC4	0.194371793	0.037780394	4.98504E-32
ENSG00000188004	SNHG28	0.194365672	0.037778014	3.27367E-33
ENSG00000165832	TRUB1	0.194340446	0.037768209	3.33715E-33
ENSG00000117450	PRDX1	0.194245116	0.037731165	5.48594E-32
ENSG00000149260	CAPN5	0.194239905	0.037729141	3.60252E-33
ENSG00000144550	CPNE9	0.19419773	0.037712758	5.53221E-31

ENSG00000158201	ABHD3	0.194168189	0.037701286	5.81418E-32
ENSG00000138760	SCARB2	0.194157679	0.037697204	5.86051E-32
ENSG00000186660	ZFP91	0.194131658	0.037687101	3.91167E-33
ENSG00000196220	SRGAP3	0.194126125	0.037684952	4.45872E-30
ENSG00000099999	RNF215	0.194122574	0.037683574	3.93879E-33
ENSG00000150401	DCUN1D2	0.194108685	0.037678182	6.08138E-32
ENSG00000268088	AC093063.1	0.194095716	0.037673147	6.14122E-32
ENSG00000185024	BRF1	0.194094784	0.037672785	4.02289E-33
ENSG00000104365	IKBKB	0.194069372	0.037662921	6.09113E-31
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ENSG00000235530	AC087294.1	0.193980449	0.037628414	4.38809E-33
ENSG00000242252	BGLAP	0.193954985	0.037618536	6.82932E-32
ENSG00000133056	PIK3C2B	0.193953394	0.037617919	6.83752E-32
ENSG00000171150	SOCS5	0.193947183	0.03761551	6.67513E-31
ENSG00000107290	SETX	0.193939025	0.037612346	6.91203E-32

ENSG00000254470	AP5B1	0.19390976	0.037600995	7.06629E-32
ENSG00000166949	SMAD3	0.193906075	0.037599566	6.88384E-31
ENSG00000239961	LILRA4	0.193885188	0.037591466	5.33408E-30
ENSG00000108788	MLX	0.193876792	0.037588211	4.74752E-33
ENSG00000100815	TRIP11	0.193874412	0.037587288	7.25719E-32
ENSG00000127980	PEX1	0.193856353	0.037580286	4.82177E-33
ENSG00000260507	AC133919.1	0.193814272	0.037563972	7.59379E-32
ENSG00000163191	S100A11	0.193790686	0.03755483	7.72999E-32
ENSG00000253234	IGLV2-5	0.193781767	0.037551373	7.78212E-32
ENSG00000269554	N.A.	0.193770589	0.037547041	7.84796E-32
ENSG00000136653	N.A.	0.193757948	0.037542142	7.92307E-32
ENSG00000175787	ZNF169	0.193742917	0.037536318	8.01332E-32
ENSG00000132406	TMEM128	0.193734927	0.037533222	5.28727E-33
ENSG00000211807	TRAV26-1	0.193647171	0.037499227	8.35548E-31
ENSG00000080189	SLC35C2	0.193635014	0.037494519	8.69181E-32

ENSG00000226321	CROCC2	0.19359971	0.037480848	5.85827E-33
ENSG00000107742	SPOCK2	0.193584304	0.037474883	9.03007E-32
ENSG00000115446	UNC50	0.19357344	0.037470677	5.97611E-33
ENSG00000226571	AL592429.2	0.193459235	0.037426476	6.51636E-33
ENSG00000185340	GAS2L1	0.1934493	0.037422632	6.56559E-33
ENSG00000166167	BTRC	0.193448519	0.037422329	6.56948E-33
ENSG00000179988	PSTK	0.193440712	0.037419309	6.60844E-33
ENSG00000130876	SLC7A10	0.193381219	0.037396296	7.75448E-30
ENSG00000125834	STK35	0.19337603	0.037394289	6.94023E-33
ENSG00000163960	UBXN7	0.193342526	0.037381332	7.11854E-33
ENSG00000267102	AC060766.1	0.193309718	0.037368647	1.07512E-30
ENSG00000198042	MAK16	0.193304295	0.03736655	7.32757E-33
ENSG00000144659	SLC25A38	0.193303193	0.037366124	1.11564E-31
ENSG00000249762	N.A.	0.193269107	0.037352948	1.1082E-30
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ENSG00000139977	NAA30	0.193209677	0.037329979	1.19686E-31
ENSG00000248175	N.A.	0.193201982	0.037327006	1.2038E-31
ENSG00000131149	GSE1	0.193093133	0.037284958	1.26361E-30
ENSG00000150316	CWC15	0.193074973	0.037277945	1.32426E-31
ENSG00000197785	ATAD3A	0.193073482	0.037277369	8.72543E-33
ENSG00000183914	DNAH2	0.193071049	0.03727643	1.32817E-31
ENSG00000204209	DAXX	0.19305196	0.037269059	1.30299E-30
ENSG00000259865	AL390728.5	0.193045853	0.037266701	1.35353E-31
ENSG00000232354	VIPR1-AS1	0.193004071	0.037250571	1.39664E-31
ENSG00000255112	CHMP1B	0.193001275	0.037249492	9.21485E-33
ENSG00000135457	TFCP2	0.192971667	0.037238064	1.38333E-30
ENSG00000142230	SAE1	0.192961831	0.037234268	1.44161E-31
ENSG00000214331	AC009053.1	0.192941747	0.037226518	1.07367E-29
ENSG00000235859	AC006978.1	0.192926729	0.037220723	1.48007E-31
ENSG00000108379	WNT3	0.192902706	0.037211454	9.92723E-33

ENSG00000197859	ADAMTSL2	0.192899715	0.0372103	9.94968E-33
ENSG00000211679	IGLC3	0.192878287	0.037202034	1.48295E-30
ENSG00000260084	AC126773.3	0.192830774	0.037183708	1.59049E-31
ENSG00000185305	ARL15	0.192823731	0.037180991	1.54441E-30
ENSG00000078747	ITCH	0.192788437	0.037167382	1.08217E-32
ENSG00000124201	ZNFX1	0.192772253	0.037161141	1.6618E-31
ENSG00000259225	LINC02345	0.192750464	0.037152742	1.68916E-31
ENSG00000107614	TRDMT1	0.192726973	0.037143686	1.71915E-31
ENSG00000245275	SAP30L-AS1	0.192676526	0.037124244	1.30611E-29
ENSG00000149541	B3GAT3	0.192624033	0.037104018	1.85695E-31
ENSG00000198518	N.A.	0.192593298	0.037092178	1.90017E-31
ENSG00000148057	IDNK	0.192572333	0.037084103	1.27377E-32
ENSG00000164626	KCNK5	0.192532998	0.037068955	1.45207E-29
ENSG00000179943	FIZ1	0.19252895	0.037067397	1.92296E-30
ENSG00000269940	AL049840.4	0.192526738	0.037066545	1.99724E-31

ENSG00000229728	AL136531.1	0.192526139	0.037066314	1.92698E-30
ENSG00000213413	PVRIG	0.1925231	0.037065144	2.00268E-31
ENSG00000101445	PPP1R16B	0.192507786	0.037059248	2.02577E-31
ENSG00000166484	MAPK7	0.192503134	0.037057457	1.34197E-32
ENSG00000240370	RPL13P5	0.192492102	0.037053209	1.35318E-32
ENSG00000183513	COA5	0.192444116	0.037034738	1.403E-32
ENSG00000180900	SCRIB	0.192427064	0.037028175	2.15187E-31
ENSG00000155189	AGPAT5	0.192405872	0.03702002	2.10705E-30
ENSG00000165699	TSC1	0.19239818	0.03701706	2.19886E-31
ENSG00000213057	C1orf220	0.192354947	0.037000426	1.50046E-32
ENSG00000164414	SLC35A1	0.192246655	0.036958776	1.62789E-32
ENSG00000182985	CADM1	0.192116275	0.036908663	2.71445E-31
ENSG00000118873	RAB3GAP2	0.192078953	0.036894324	1.84675E-32
ENSG00000165121	AL353743.1	0.192071009	0.036891272	1.85781E-32
ENSG00000130429	ARPC1B	0.192067562	0.036889948	2.81498E-31

ENSG00000113555	PCDH12	0.191985148	0.036858297	2.99355E-31
ENSG00000165863	C10orf82	0.191968096	0.03685175	3.03188E-31
ENSG00000092096	SLC22A17	0.191947991	0.036844031	2.03776E-32
ENSG00000135070	ISCA1	0.191918696	0.036832786	3.14568E-31
ENSG00000162517	PEF1	0.191904161	0.036827207	2.10597E-32
ENSG00000224307	AL161785.1	0.191898536	0.036825048	3.19333E-31
ENSG00000136811	ODF2	0.19189013	0.036821822	2.12828E-32
ENSG00000136715	SAP130	0.191864213	0.036811876	2.17011E-32
ENSG00000132518	GUCY2D	0.19182226	0.036795779	2.23956E-32
ENSG00000160298	C21orf58	0.191821526	0.036795498	3.38205E-31
ENSG00000131373	HACL1	0.191813804	0.036792535	3.40157E-31
ENSG00000091317	CMTM6	0.191810458	0.036791252	3.41007E-31
ENSG00000198231	DDX42	0.191810273	0.036791181	2.2598E-32
ENSG00000100605	ITPK1	0.191761705	0.036772552	3.39646E-30
ENSG00000184014	DENND5A	0.191751155	0.036768505	3.56416E-31

ENSG00000163297	ANTXR2	0.191711394	0.036753258	3.52524E-30
ENSG00000262484	CCER2	0.191684121	0.036742802	2.48419E-32
ENSG00000259162	AL355075.5	0.191668044	0.036736639	3.7918E-31
ENSG00000143797	MBOAT2	0.191649277	0.036729445	3.84517E-31
ENSG00000102531	FNDC3A	0.1916095	0.036714201	3.96076E-31
ENSG00000184886	N.A.	0.191527479	0.036682775	4.03863E-30
ENSG00000259536	AC091045.1	0.191512556	0.036677059	2.82524E-32
ENSG00000176055	MBLAC2	0.191462174	0.036657764	4.41973E-31
ENSG00000178149	DALRD3	0.19146098	0.036657307	2.93657E-32
ENSG00000164983	TMEM65	0.191423347	0.036642898	4.54924E-31
ENSG00000114126	TFDP2	0.191364469	0.03662036	4.75284E-31
ENSG00000144354	CDCA7	0.191359363	0.036618406	4.57248E-30
ENSG00000069849	ATP1B3	0.191356123	0.036617166	4.58343E-30
ENSG00000203668	CHML	0.191300442	0.036595859	4.7757E-30
ENSG00000184508	HDDC3	0.191181652	0.036550424	5.44446E-31

ENSG00000145425	RPS3A	0.191169327	0.036545712	3.65314E-32
ENSG00000186275	N.A.	0.191154149	0.036539909	5.55681E-31
ENSG00000167874	TMEM88	0.19113426	0.036532305	5.63949E-31
ENSG00000211820	TRAV41	0.191133706	0.036532093	5.64181E-31
ENSG00000138821	SLC39A8	0.191105311	0.03652124	5.76202E-31
ENSG00000147679	UTP23	0.191099667	0.036519083	3.84851E-32
ENSG00000250918	N.A.	0.191097235	0.036518153	5.79667E-31
ENSG00000164306	PRIMPOL	0.191091817	0.036516083	5.56997E-30
ENSG00000166451	CENPN	0.191056058	0.036502417	3.97606E-32
ENSG00000230189	AC008267.2	0.191010053	0.036484841	6.18415E-31
ENSG00000121769	FABP3	0.190955197	0.036463887	4.28736E-32
ENSG00000174123	TLR10	0.190941059	0.036458488	6.50893E-31
ENSG00000138606	SHF	0.190927536	0.036453324	6.57455E-31
ENSG00000111913	RIPOR2	0.190913912	0.036448122	6.64131E-31
ENSG00000204592	HLA-E	0.190906855	0.036445427	4.44502E-32

ENSG00000143158	MPC2	0.190889807	0.036438918	4.50198E-32
ENSG00000168958	MFF	0.190834454	0.036417789	7.04434E-31
ENSG00000251432	LINC02615	0.190833058	0.036417256	6.73931E-30
ENSG00000140854	KATNB1	0.190799328	0.036404384	4.81665E-32
ENSG00000134108	ARL8B	0.190770538	0.036393398	4.92128E-32
ENSG00000171720	HDAC3	0.190750435	0.036385729	4.99567E-32
ENSG00000227456	LINC00310	0.190744828	0.036383589	7.19129E-30
ENSG00000251323	LINC02728	0.190712952	0.03637143	5.13738E-32
ENSG00000097021	ACOT7	0.190712505	0.036371259	5.13909E-32
ENSG00000115419	GLS	0.190672936	0.036356169	7.9399E-31
ENSG00000214013	GANC	0.190596251	0.036326931	5.60462E-32
ENSG00000137414	FAM8A1	0.190572119	0.036317733	5.70638E-32
ENSG00000089597	GANAB	0.190532662	0.036302695	5.87672E-32
ENSG00000128218	VPREB3	0.190488971	0.036286048	6.07123E-32
ENSG00000059804	SLC2A3	0.190470631	0.036279061	8.79689E-30

ENSG00000166888	STAT6	0.190454479	0.036272909	8.90186E-30
ENSG00000251603	N.A.	0.190417954	0.036258997	6.40113E-32
ENSG00000204262	COL5A2	0.190389176	0.036248039	9.79517E-31
ENSG00000148200	NR6A1	0.190354961	0.036235011	6.70861E-32
ENSG00000179144	GIMAP7	0.190333576	0.03622687	1.02062E-30
ENSG00000226025	LGALS17A	0.190332304	0.036226386	7.28858E-29
ENSG00000204860	FAM201A	0.190319145	0.036221377	9.83159E-30
ENSG00000254876	SUGT1P4-STRA6LP	0.190312346	0.036218789	1.03676E-30
ENSG00000150681	RGS18	0.190293679	0.036211684	1.05117E-30
ENSG00000214439	FAM185BP	0.190281776	0.036207154	1.01049E-29
ENSG00000169855	ROBO1	0.190264124	0.036200437	1.02366E-29
ENSG00000124006	OBSL1	0.190262248	0.036199723	1.07587E-30
ENSG00000130856	ZNF236	0.190227995	0.03618669	7.37359E-32
ENSG00000261308	FIGNL2	0.190226392	0.03618608	7.38239E-32
ENSG00000105926	MPP6	0.190213934	0.036181341	1.11496E-30

ENSG00000115468	EFHD1	0.190185309	0.036170452	1.13879E-30
ENSG00000143643	TTC13	0.190181466	0.03616899	7.63333E-32
ENSG00000120519	SLC10A7	0.190152733	0.036158062	1.16652E-30
ENSG00000104863	LIN7B	0.190121165	0.036146057	1.19403E-30
ENSG00000267473	N.A.	0.190087903	0.036133411	1.22371E-30
ENSG00000241244	IGKV1D-16	0.190085882	0.036132642	8.19574E-32
ENSG00000168894	RNF181	0.190069368	0.036126364	1.24057E-30
ENSG00000144120	TMEM177	0.190066214	0.036125166	8.31647E-32
ENSG00000133997	MED6	0.190038096	0.036114478	1.20813E-29
ENSG00000135341	MAP3K7	0.190030295	0.036111513	8.54152E-32
ENSG00000134882	UBAC2	0.189994436	0.036097886	8.77223E-32
ENSG00000227076	AL158166.1	0.189906589	0.036064512	1.39886E-30
ENSG00000256705	AL137779.1	0.189879189	0.036054106	9.55641E-32
ENSG00000242193	CRYZL2P	0.189875837	0.036052833	1.43094E-30
ENSG00000204261	PSMB8-AS1	0.189871471	0.036051175	1.43556E-30

ENSG00000173442	EHBP1L1	0.189858094	0.036046096	1.44978E-30
ENSG00000170085	SIMC1	0.189848996	0.036042641	1.38753E-29
ENSG00000197892	KIF13B	0.189759927	0.03600883	1.55856E-30
ENSG00000169359	SLC33A1	0.18974518	0.036003233	1.05561E-31
ENSG00000149534	MS4A2	0.189726306	0.035996071	1.0705E-31
ENSG00000117090	SLAMF1	0.189702003	0.03598685	1.54504E-29
ENSG00000144306	SCRN3	0.189686928	0.035981131	1.64467E-30
ENSG00000163508	EOMES	0.18966418	0.035972501	1.67245E-30
ENSG00000259374	NDUFB4P11	0.189626296	0.035958132	1.71976E-30
ENSG00000224796	RPL32P1	0.189618547	0.035955193	1.7296E-30
ENSG00000237851	AL023584.2	0.189610761	0.035952241	1.73954E-30
ENSG00000077454	LRCH4	0.189568402	0.035936179	1.70352E-29
ENSG00000115355	CCDC88A	0.18951554	0.03591614	1.86583E-30
ENSG00000239789	MRPS17	0.189437407	0.035886531	1.97621E-30
ENSG00000068383	INPP5A	0.189409669	0.035876023	2.01693E-30

ENSG00000234518	PTGES3P1	0.189403854	0.03587382	1.92103E-29
ENSG0000028310	BRD9	0.189379228	0.035864492	1.38462E-31
ENSG00000240382	IGKV1-17	0.189351802	0.035854105	1.99541E-29
ENSG00000203867	RBM20	0.189312348	0.035839165	2.05369E-29
ENSG00000117400	MPL	0.189290083	0.035830735	1.47909E-31
ENSG00000263531	AC130324.1	0.189226162	0.03580654	1.55075E-31
ENSG00000255186	AC087277.2	0.189187436	0.035791886	2.24955E-29
ENSG00000261139	N.A.	0.18913745	0.035772975	1.65594E-31
ENSG00000175701	MTLN	0.189101606	0.035759417	1.70042E-31
ENSG00000123416	TUBA1B	0.189098646	0.035758298	1.70415E-31
ENSG00000219665	ZNF433-AS1	0.189061519	0.035744258	2.46574E-29
ENSG00000198000	NOL8	0.189016239	0.035727139	2.69275E-30
ENSG00000139372	TDG	0.189005133	0.03572294	1.82612E-31
ENSG00000115368	WDR75	0.189003133	0.035722184	2.71876E-30
ENSG00000170234	PWWP2A	0.18900141	0.035721533	1.83115E-31

ENSG00000134057	CCNB1	0.188996807	0.035719793	1.83739E-31
ENSG00000221983	UBA52	0.188986046	0.035715726	1.85206E-31
ENSG00000114480	GBE1	0.188900799	0.035683512	2.93067E-30
ENSG00000197863	ZNF790	0.188899214	0.035682913	1.97477E-31
ENSG00000166479	TMX3	0.188897133	0.035682127	1.97781E-31
ENSG00000084676	NCOA1	0.188892938	0.035680542	2.94761E-30
ENSG00000095464	PDE6C	0.188803764	0.035646861	3.14672E-30
ENSG00000147649	MTDH	0.188755393	0.035628598	3.08115E-29
ENSG00000196460	RFX8	0.188687218	0.035602866	3.42718E-30
ENSG00000068903	SIRT2	0.188674672	0.035598132	3.45882E-30
ENSG00000118260	CREB1	0.188640477	0.03558523	3.54651E-30
ENSG00000225265	TAF1A-AS1	0.188507407	0.035535042	3.90928E-30
ENSG00000197380	DACT3	0.188482166	0.035525527	2.68622E-31
ENSG00000172005	MAL	0.188430746	0.035506146	2.78994E-31
ENSG00000270001	AL121894.2	0.188380051	0.035487044	4.29087E-30

ENSG00000165102	HGSNAT	0.188375574	0.035485357	4.30494E-30
ENSG00000100346	CACNA1I	0.188373696	0.035484649	4.31085E-30
ENSG00000134812	CBLIF	0.188337807	0.03547113	2.9876E-31
ENSG00000214357	NEURL1B	0.188324948	0.035466286	4.21198E-29
ENSG00000204406	MBD5	0.188322657	0.035465423	3.02111E-31
ENSG00000138078	PREPL	0.188263283	0.035443064	3.15608E-31
ENSG00000163249	CCNYL1	0.188220704	0.035427033	4.82074E-30
ENSG00000124574	ABCC10	0.188200565	0.035419453	4.89217E-30
ENSG00000253720	AC022973.3	0.188196184	0.035417804	3.31582E-31
ENSG00000179361	ARID3B	0.188178154	0.035411018	4.97289E-30
ENSG00000103254	ANTKMT	0.188157356	0.035403191	3.41189E-31
ENSG00000249115	HAUS5	0.188140789	0.035396957	5.11042E-30
ENSG00000164669	INTS4P1	0.18808451	0.035375783	3.59966E-31
ENSG00000117395	EBNA1BP2	0.188077247	0.035373051	3.61893E-31
ENSG00000170627	GTSF1	0.188076474	0.03537276	3.62099E-31

ENSG00000174282	ZBTB4	0.188076384	0.035372726	5.35641E-30
ENSG00000126243	LRFN3	0.188071775	0.035370992	5.37445E-30
ENSG00000184545	DUSP8	0.188034893	0.035357121	5.19741E-29
ENSG00000173456	RNF26	0.188033141	0.035356462	5.52812E-30
ENSG00000105877	DNAH11	0.188031527	0.035355855	5.2101E-29
ENSG00000124225	PMEPA1	0.187992038	0.035341006	5.69639E-30
ENSG00000145675	PIK3R1	0.187969679	0.0353326	5.44871E-29
ENSG00000090266	NDUFB2	0.187958333	0.035328335	3.94946E-31
ENSG00000155974	GRIP1	0.187905132	0.035308339	5.70929E-29
ENSG00000143384	MCL1	0.187869118	0.035294806	6.23054E-30
ENSG00000113068	PFDN1	0.187865557	0.035293467	4.22799E-31
ENSG00000153094	BCL2L11	0.187803701	0.03527023	6.53478E-30
ENSG00000099341	PSMD8	0.187788747	0.035264614	6.60636E-30
ENSG00000215447	N.A.	0.187788189	0.035264404	6.60905E-30
ENSG00000202533	Y_RNA	0.187754255	0.03525166	6.77448E-30

ENSG00000262152	LINC00514	0.187746297	0.035248672	6.81386E-30
ENSG00000259483	AL355073.1	0.187735966	0.035244793	4.64995E-31
ENSG00000100263	RHBDD3	0.187709753	0.035234951	6.57581E-29
ENSG00000074755	ZZEF1	0.187707005	0.03523392	7.01167E-30
ENSG00000054148	PHPT1	0.187703349	0.035232547	4.76257E-31
ENSG00000154764	WNT7A	0.187702058	0.035232063	4.76708E-31
ENSG00000127419	TMEM175	0.18769928	0.03523102	7.05122E-30
ENSG00000162851	TFB2M	0.187607457	0.035196558	5.10961E-31
ENSG00000237172	B3GNT9	0.187596856	0.03519258	5.14948E-31
ENSG00000177453	NIM1K	0.18759497	0.035191873	7.60753E-30
ENSG00000184897	H1-10	0.187589389	0.035189779	7.6385E-30
ENSG00000144647	POMGNT2	0.187558133	0.035178053	7.81422E-30
ENSG00000088538	DOCK3	0.187410934	0.035122858	8.69724E-30
ENSG00000166261	ZNF202	0.187409289	0.035122242	5.90827E-31
ENSG00000143603	KCNN3	0.187314208	0.035086613	8.74932E-29

ENSG0000007080	CCDC124	0.187283118	0.035074966	9.54384E-30
ENSG00000228078	HLA-U	0.187255453	0.035064605	6.61264E-31
ENSG00000250571	GLI4	0.18723198	0.035055814	6.72721E-31
ENSG00000224376	AC017104.1	0.187220594	0.035051551	9.98726E-30
ENSG00000124198	ARFGEF2	0.187201604	0.03504444	1.01259E-29
ENSG00000167863	ATP5PD	0.187177158	0.035035289	1.03073E-29
ENSG00000251411	AC093827.3	0.187089383	0.035002437	1.09854E-29
ENSG00000130005	GAMT	0.187027437	0.034979262	7.81264E-31
ENSG00000154277	UCHL1	0.186986875	0.034964091	1.18334E-29
ENSG00000127993	RBM48	0.186891709	0.034928511	1.26788E-29
ENSG00000145687	SSBP2	0.186867454	0.034919445	1.20702E-28
ENSG00000092931	MFSD11	0.186843165	0.034910368	8.93838E-31
ENSG00000196396	PTPN1	0.186834493	0.034907128	1.32156E-29
ENSG00000131746	TNS4	0.186802144	0.034895041	9.21009E-31
ENSG00000124370	MCEE	0.186800167	0.034894302	1.35484E-29

ENSG00000242797	GLYCK-AS1	0.186743862	0.03487327	1.41124E-29
ENSG00000137338	PGBD1	0.186710482	0.034860804	9.84725E-31
ENSG00000223501	VPS52	0.186632286	0.03483161	1.04252E-30
ENSG00000234222	LIX1L-AS1	0.186629984	0.034830751	1.04427E-30
ENSG00000263883	EEF1DP7	0.186579694	0.034811982	1.08328E-30
ENSG00000260879	AL359258.2	0.186566548	0.034807077	1.09371E-30
ENSG00000233431	LINC02596	0.186564425	0.034806285	1.50069E-28
ENSG00000134193	REG4	0.186544814	0.034798968	1.52197E-28
ENSG00000178386	ZNF223	0.186539642	0.034797038	1.11537E-30
ENSG00000125652	ALKBH7	0.186537441	0.034796217	1.11716E-30
ENSG00000186591	UBE2H	0.186520129	0.034789758	1.13589E-27
ENSG00000260361	AC106028.3	0.186491285	0.034778999	1.15538E-30
ENSG00000138071	ACTR2	0.186477702	0.034773933	1.16687E-30
ENSG00000260898	ADPGK-AS1	0.186472597	0.034772029	1.17122E-30
ENSG00000111145	ELK3	0.186408973	0.034748305	1.22946E-27

ENSG0000053918	KCNQ1	0.186377427	0.034736545	1.83965E-29
ENSG00000237938	AL450998.2	0.186339016	0.034722229	1.29089E-30
ENSG00000111639	MRPL51	0.186331342	0.034719369	1.90194E-29
ENSG00000124602	UNC5CL	0.186311785	0.034712081	1.92901E-29
ENSG00000257231	DYNLL1P4	0.186296447	0.034706366	1.81882E-28
ENSG00000184524	CEND1	0.186293297	0.034705193	1.95494E-29
ENSG00000103150	MLYCD	0.186283775	0.034701645	1.96843E-29
ENSG00000185532	PRKG1	0.186266475	0.0346952	1.85832E-28
ENSG00000122477	LRRC39	0.18625666	0.034691544	1.37064E-30
ENSG00000147548	NSD3	0.186237997	0.034684592	1.38938E-30
ENSG00000110841	PPFIBP1	0.186216797	0.034676695	2.06599E-29
ENSG00000189419	SPATA41	0.186214713	0.034675919	1.41169E-27
ENSG00000107882	SUFU	0.186203899	0.034671892	1.42428E-30
ENSG00000198039	ZNF273	0.186158096	0.034654837	2.00839E-28
ENSG00000170689	HOXB9	0.186155289	0.034653792	2.1598E-29

ENSG00000189045	ANKDD1B	0.186141425	0.03464863	2.03252E-28
ENSG00000225431	LINC01671	0.18614093	0.034648446	1.49103E-30
ENSG00000181143	MUC16	0.186086079	0.034628029	1.54685E-27
ENSG00000121892	PDS5A	0.186080712	0.034626031	1.55776E-30
ENSG00000113763	UNC5A	0.186075018	0.034623912	1.56422E-30
ENSG00000261924	AC127496.1	0.186036356	0.034609526	2.35332E-29
ENSG00000175220	ARHGAP1	0.18602888	0.034606744	2.20309E-28
ENSG00000130699	TAF4	0.186024721	0.034605197	2.37316E-29
ENSG00000172995	ARPP21	0.186003377	0.034597256	2.40997E-29
ENSG00000105663	N.A.	0.185930198	0.034570039	2.54054E-29
ENSG00000233360	PDXP-DT	0.185900401	0.034558959	1.77582E-30
ENSG00000155592	ZKSCAN2	0.185873014	0.034548777	1.81149E-30
ENSG00000135999	EPC2	0.185851675	0.034540845	2.68846E-29
ENSG00000173762	CD7	0.185835873	0.034534972	2.71924E-29
ENSG00000112182	BACH2	0.185797772	0.034520812	1.91319E-30

ENSG00000188191	PRKAR1B	0.18572647	0.034494322	2.73499E-28
ENSG00000113141	IK	0.185711825	0.034488882	2.97336E-29
ENSG00000120162	MOB3B	0.185705765	0.034486631	2.77575E-28
ENSG00000113520	IL4	0.185678798	0.034476616	2.08568E-30
ENSG00000144711	IQSEC1	0.185623634	0.034456133	3.16822E-29
ENSG00000112249	ASCC3	0.185597737	0.034444652	3.22781E-29
ENSG00000196927	N.A.	0.185585967	0.034442151	2.23091E-30
ENSG00000152904	GGPS1	0.185563563	0.034433836	3.30815E-29
ENSG00000101152	DNAJC5	0.185561491	0.034433067	3.07698E-28
ENSG00000143409	MINDY1	0.185502807	0.034411291	3.20859E-28
ENSG00000199023	MIR339	0.185489394	0.034406315	3.4894E-29
ENSG00000173915	ATP5MD	0.185482693	0.034403829	2.40428E-30
ENSG00000106415	GLCC1	0.185450972	0.034392063	3.32948E-28
ENSG00000147592	LACTB2	0.185409953	0.03437685	2.53436E-30
ENSG00000147874	HAUS6	0.185385056	0.034367619	3.76117E-29

ENSG0000057468	MSH4	0.185332571	0.034348162	2.63905E-27
ENSG00000148362	PAXX	0.185319165	0.034343193	2.70654E-30
ENSG00000163138	PACRGL	0.185293146	0.03433355	4.01789E-29
ENSG00000204791	SMPD5	0.185263006	0.034322381	2.81881E-30
ENSG00000062650	WAPL	0.185216796	0.034305262	2.91465E-30
ENSG00000180385	EMC3-AS1	0.185193149	0.034296502	4.31698E-29
ENSG00000234160	AL513165.1	0.185156941	0.034283093	4.43063E-29
ENSG00000082014	SMARCD3	0.185150763	0.034280805	4.45032E-29
ENSG00000213563	C8orf82	0.185068889	0.034250494	3.24365E-30
ENSG00000163001	CFAP36	0.185055626	0.034245585	4.76468E-29
ENSG00000164828	SUN1	0.185043002	0.034240912	3.30491E-30
ENSG00000205018	AC092384.1	0.184996223	0.034223603	4.97203E-29
ENSG00000129195	PIMREG	0.184986322	0.034219939	5.00745E-29
ENSG00000246705	H2AJ	0.184984466	0.034219253	4.64202E-28
ENSG00000148291	SURF2	0.184963736	0.034211584	5.08919E-29

ENSG00000136930	PSMB7	0.184955794	0.034208646	4.73767E-28
ENSG00000156017	CARNMT1	0.184912374	0.034192586	5.28002E-29
ENSG00000267390	AC036176.1	0.184908838	0.034191278	3.64127E-30
ENSG00000147533	GOLGA7	0.184906129	0.034190277	4.908E-28
ENSG00000235423	N.A.	0.184893079	0.034185451	3.68294E-30
ENSG00000162849	KIF26B	0.184870795	0.034177211	3.6569E-27
ENSG00000090971	NAT14	0.184851821	0.034170196	5.51415E-29
ENSG00000058866	DGKG	0.18484273	0.034166835	5.55018E-29
ENSG00000154079	SDHAF4	0.184837133	0.034164766	3.83474E-30
ENSG00000040933	INPP4A	0.184835999	0.034164347	5.15891E-28
ENSG00000084090	STARD7	0.184741051	0.034129256	5.96939E-29
ENSG00000105464	GRIN2D	0.184733102	0.034126319	5.55024E-28
ENSG00000153162	BMP6	0.184707817	0.034116978	5.65083E-28
ENSG00000130635	COL5A1	0.184707203	0.034116751	4.21165E-30
ENSG00000064309	CDON	0.184695708	0.034112504	6.16633E-29

ENSG00000112419	PHACTR2	0.184688223	0.03410974	6.19945E-29
ENSG00000187688	TRPV2	0.184651231	0.034096077	5.88252E-28
ENSG00000121274	TENT4B	0.184631951	0.034088957	6.45418E-29
ENSG00000174695	TMEM167A	0.184608364	0.034080248	6.56401E-29
ENSG00000139946	PELI2	0.184601367	0.034077665	6.59695E-29
ENSG00000151502	VPS26B	0.184593054	0.034074596	6.6363E-29
ENSG00000165914	TTC7B	0.184590182	0.034073535	6.14307E-28
ENSG00000175634	RPS6KB2	0.184578952	0.03406939	6.70357E-29
ENSG00000259242	AC002306.1	0.184527381	0.034050354	6.95542E-29
ENSG00000237940	LINC01238	0.184516416	0.034046308	6.47319E-28
ENSG00000267745	AC060766.6	0.184498524	0.034039705	4.89535E-30
ENSG00000233901	LINC01503	0.184489885	0.034036518	4.92591E-30
ENSG00000253394	LINC00534	0.184444425	0.034019746	7.38037E-29
ENSG00000054690	PLEKHH1	0.18443432	0.034016018	7.43386E-29
ENSG00000198369	SPRED2	0.184422228	0.034011558	5.1719E-30

ENSG00000173457	PPP1R14B	0.184342347	0.033982101	7.93875E-29
ENSG00000254648	AP000911.1	0.184324666	0.033975582	5.54823E-30
ENSG00000196968	FUT11	0.184279707	0.033959011	5.73067E-30
ENSG00000203721	LINC00862	0.184268224	0.033954778	8.37028E-29
ENSG00000241106	HLA-DOB	0.184258064	0.033951034	8.43122E-29
ENSG00000185065	AC000068.1	0.184233075	0.033941826	5.92619E-30
ENSG00000169826	CSGALNACT2	0.184223803	0.03393841	8.63996E-29
ENSG00000076351	SLC46A1	0.184181003	0.033922642	6.15235E-30
ENSG00000180346	TIGD2	0.184180275	0.033922374	8.91258E-29
ENSG00000262049	AC139530.1	0.184102591	0.033893764	6.50915E-30
ENSG00000174456	C12orf76	0.184064546	0.033879757	9.67959E-29
ENSG00000128918	ALDH1A2	0.184038043	0.033870001	9.08458E-28
ENSG00000263417	GTSCR1	0.184037706	0.033869877	9.08675E-28
ENSG00000155970	MICU3	0.184034781	0.0338688	9.88723E-29
ENSG00000165943	MOAP1	0.18402938	0.033866813	9.92537E-29

ENSG00000247556	OIP5-AS1	0.183982667	0.033849622	1.02615E-28
ENSG00000270018	N.A.	0.183941433	0.033834451	7.30821E-30
ENSG00000133027	PEMT	0.183929292	0.033829984	7.37221E-30
ENSG00000197150	ABCB8	0.183911081	0.033823286	7.46924E-30
ENSG00000223960	CHROMR	0.183851461	0.03380136	1.1267E-28
ENSG00000198106	AC025279.1	0.183842225	0.033797964	1.13414E-28
ENSG00000225339	AL354740.1	0.183804985	0.033784273	8.06029E-30
ENSG00000173208	ABCD2	0.183788087	0.033778061	8.15862E-30
ENSG00000227719	AC006042.1	0.183771675	0.033772028	1.09668E-27
ENSG00000184319	RPL23AP82	0.183766673	0.03377019	1.19682E-28
ENSG00000139083	ETV6	0.183752382	0.033764938	1.11173E-27
ENSG00000225632	AL161644.1	0.183724889	0.033754835	1.23295E-28
ENSG00000136261	BZW2	0.18372214	0.033753825	1.13573E-27
ENSG00000249896	LINC02495	0.183693006	0.033743121	1.15933E-27
ENSG00000205643	CDPF1	0.18368095	0.033738691	8.81032E-30

ENSG00000198521	ZNF43	0.183667499	0.03373375	8.89571E-30
ENSG00000156711	MAPK13	0.183648852	0.033726901	1.30149E-28
ENSG00000259407	AC021739.2	0.183625011	0.033718145	1.32376E-28
ENSG00000249207	AC079921.1	0.183577564	0.033700722	9.48809E-30
ENSG00000008394	MGST1	0.183542309	0.033687779	1.40394E-28
ENSG00000105374	NKG7	0.183532937	0.033684339	1.41333E-28
ENSG00000174851	YIF1A	0.183496184	0.033670849	1.00578E-29
ENSG00000186056	MATN1-AS1	0.183475649	0.033663314	1.47206E-28
ENSG00000165029	ABCA1	0.183473097	0.033662377	1.35392E-27
ENSG00000168852	TPTE2P5	0.183471013	0.033661613	1.47692E-28
ENSG00000105576	TNPO2	0.183462534	0.033658501	1.48585E-28
ENSG00000225556	C2CD4D	0.183423089	0.03364403	1.05983E-29
ENSG00000139370	SLC15A4	0.18340471	0.033637288	1.54816E-28
ENSG00000124177	CHD6	0.183353571	0.033618532	1.60543E-28
ENSG00000258738	AL121603.2	0.183350363	0.033617356	1.11647E-29

ENSG00000267046	E2F3P1	0.183284237	0.033593111	1.54666E-27
ENSG00000117448	AKR1A1	0.183271836	0.033588566	1.56023E-27
ENSG00000168434	COG7	0.183256359	0.033582893	1.19415E-29
ENSG00000139641	ESYT1	0.183237415	0.03357595	1.59851E-27
ENSG00000117632	STMN1	0.183231236	0.033573686	1.75109E-28
ENSG00000185905	C16orf54	0.183156468	0.033546292	1.28257E-29
ENSG00000250559	N.A.	0.183127436	0.033535658	1.30947E-29
ENSG00000204843	DCTN1	0.183124873	0.033534719	1.88834E-28
ENSG00000143862	ARL8A	0.183119868	0.033532886	1.73639E-27
ENSG00000106459	NRF1	0.183114252	0.033530829	1.90262E-28
ENSG00000166925	TSC22D4	0.183094888	0.033523738	1.76718E-27
ENSG00000143367	TUFT1	0.183088848	0.033521526	1.77471E-27
ENSG00000048405	ZNF800	0.183064522	0.033512619	1.9709E-28
ENSG00000257696	AC010203.2	0.183052531	0.033508229	1.38147E-29
ENSG00000105866	SP4	0.182999205	0.033488709	2.0643E-28

ENSG00000151835	SACS	0.182979424	0.03348147	1.45553E-29
ENSG00000256357	AL132708.1	0.18296814	0.03347734	2.11025E-28
ENSG00000129270	N.A.	0.182958802	0.033473923	1.94466E-27
ENSG00000211805	TRAV24	0.18291239	0.033456942	2.19526E-28
ENSG00000125454	SLC25A19	0.182883626	0.033446421	2.24045E-28
ENSG00000196358	NTNG2	0.182874023	0.033442908	2.06405E-27
ENSG00000074370	ATP2A3	0.182844451	0.033432093	2.30347E-28
ENSG00000023902	PLEKHO1	0.182841238	0.033430918	1.60645E-29
ENSG00000186047	DLEU7	0.182830525	0.033427001	2.12809E-27
ENSG00000112664	N.A.	0.182829988	0.033426804	2.32718E-28
ENSG00000259758	N.A.	0.182818021	0.033422429	1.54227E-26
ENSG00000186298	PPP1CC	0.182812506	0.033420412	1.63972E-29
ENSG00000134775	FHOD3	0.182811915	0.033420196	1.64041E-29
ENSG00000090054	SPTLC1	0.182779777	0.033408447	2.41138E-28
ENSG00000183828	NUDT14	0.1827738	0.033406262	2.42161E-28

ENSG00000213420	GPC2	0.182771309	0.033405351	2.42588E-28
ENSG00000262999	AC099489.3	0.182705863	0.033381432	2.54087E-28
ENSG00000243888	AL355140.1	0.182703193	0.033380457	2.54567E-28
ENSG00000173727	AP000769.1	0.182694555	0.033377301	1.78364E-29
ENSG00000101608	MYL12A	0.182671979	0.033369052	1.81258E-29
ENSG00000174586	ZNF497	0.182666611	0.033367091	2.61241E-28
ENSG00000134313	KIDINS220	0.182643175	0.033358529	1.85018E-29
ENSG00000258919	AL049836.1	0.182566092	0.033330378	1.95466E-29
ENSG00000111676	ATN1	0.182543949	0.033322293	2.60219E-27
ENSG00000171790	SLFNL1	0.182525248	0.033315466	2.88701E-28
ENSG00000100320	RBFOX2	0.182521559	0.033314119	2.01767E-29
ENSG00000032444	PNPLA6	0.182517066	0.033312479	2.90375E-28
ENSG00000250303	LINC02762	0.18251431	0.033311473	2.90941E-28
ENSG00000267322	SNHG22	0.182478151	0.033298276	2.08102E-29
ENSG00000120694	HSPH1	0.182449939	0.03328798	2.12325E-29

ENSG00000100234	TIMP3	0.182428689	0.033280227	3.09084E-28
ENSG00000240233	RN7SL587P	0.182425369	0.033279015	3.09809E-28
ENSG00000166073	GPR176	0.182351035	0.0332519	3.26506E-28
ENSG00000070950	RAD18	0.182344017	0.033249341	3.28128E-28
ENSG00000204304	PBX2	0.182329871	0.033244182	3.31421E-28
ENSG00000134490	TMEM241	0.182324117	0.033242084	3.3277E-28
ENSG00000267711	AC060766.5	0.182306437	0.033235637	3.07341E-27
ENSG00000196505	GDAP2	0.182291805	0.033230302	3.10507E-27
ENSG00000168661	ZNF30	0.18226084	0.033219014	3.47969E-28
ENSG00000130147	SH3BP4	0.182137732	0.033174154	3.4586E-27
ENSG00000166295	ANAPC16	0.182135934	0.033173498	3.80018E-28
ENSG00000165417	GTF2A1	0.182087897	0.033156002	2.74686E-29
ENSG00000089060	SLC8B1	0.182064714	0.03314756	2.79247E-29
ENSG00000158669	GPAT4	0.182041127	0.033138972	4.06284E-28
ENSG00000174611	KY	0.182026242	0.033133553	2.86984E-29

ENSG00000247626	MARS2	0.181989368	0.03312013	2.94599E-29
ENSG00000159640	ACE	0.18198232	0.033117565	2.96077E-29
ENSG00000248677	LINC02102	0.181940839	0.033102469	4.36028E-28
ENSG00000107929	LARP4B	0.181907994	0.033090518	4.46232E-28
ENSG00000105672	ETV2	0.181905958	0.033089778	3.12571E-29
ENSG00000204469	PRRC2A	0.18187963	0.0330802	3.18466E-29
ENSG00000152558	TMEM123	0.181861888	0.033073746	4.60955E-28
ENSG00000106537	TSPAN13	0.181842734	0.03306678	4.25054E-27
ENSG00000099246	RAB18	0.18183014	0.0330622	4.28809E-27
ENSG00000269473	AC012313.8	0.181799583	0.033051088	3.37076E-29
ENSG0000013392	RWDD2A	0.181792859	0.033048644	4.83904E-28
ENSG00000246985	SOCS2-AS1	0.181785091	0.033045819	4.4251E-27
ENSG00000173281	PPP1R3B	0.181771262	0.033040792	4.91314E-28
ENSG00000180066	LINC02870	0.181769494	0.033040149	4.91926E-28
ENSG00000226167	AP4B1-AS1	0.18172886	0.033025378	5.06192E-28

ENSG00000185133	INPP5J	0.181690084	0.033011287	5.20187E-28
ENSG00000121390	PSPC1	0.181668745	0.033003533	4.79936E-27
ENSG00000229001	ACTBP14	0.181633576	0.032990756	3.79179E-29
ENSG00000225830	ERCC6	0.181607567	0.032981308	5.5126E-28
ENSG00000137942	FNBP1L	0.181561024	0.032964405	3.9918E-29
ENSG00000126091	ST3GAL3	0.181540101	0.032956808	5.78028E-28
ENSG00000198492	YTHDF2	0.181497045	0.032941177	4.17683E-29
ENSG00000188994	ZNF292	0.181492452	0.03293951	4.19044E-29
ENSG00000187870	RNFT1P3	0.181473086	0.032932481	4.24829E-29
ENSG00000224892	RPS4XP16	0.181457397	0.032926787	6.12605E-28
ENSG00000128394	APOBEC3F	0.181435318	0.032918775	6.22178E-28
ENSG00000186010	NDUFA13	0.181435143	0.032918711	4.36395E-29
ENSG00000164241	C5orf63	0.181380565	0.032898909	4.53581E-29
ENSG00000163995	ABLIM2	0.181351011	0.032888189	6.60116E-28
ENSG00000197157	SND1	0.181322411	0.032877817	4.72633E-29

ENSG00000116396	KCNC4	0.181262045	0.032855929	7.02638E-28
ENSG00000117899	MESD	0.181251462	0.032852092	4.96953E-29
ENSG00000229635	AL137159.1	0.181237209	0.032846926	5.01986E-29
ENSG00000073969	NSF	0.181231642	0.032844908	7.17784E-28
ENSG00000248240	AC114956.1	0.18115758	0.032818069	5.31052E-29
ENSG00000224914	LINC00863	0.181154882	0.032817091	6.86474E-27
ENSG00000119950	MXI1	0.181149587	0.032815173	7.60295E-28
ENSG00000052841	TTC17	0.18114214	0.032812475	6.92584E-27
ENSG00000110881	ASIC1	0.181141143	0.032812114	5.37257E-29
ENSG00000138231	DBR1	0.181129346	0.03280784	7.7116E-28
ENSG00000188612	SUMO2	0.181099257	0.032796941	5.53394E-29
ENSG00000124490	CRISP2	0.18109109	0.032793983	7.92117E-28
ENSG00000005206	SPPL2B	0.181083641	0.032791285	7.96262E-28
ENSG00000100644	HIF1A	0.181081469	0.032790498	7.97476E-28
ENSG00000140264	SERF2	0.181056016	0.032781281	5.70558E-29

ENSG00000230266	XXYLT1-AS2	0.181042886	0.032776527	8.19329E-28
ENSG00000248385	TARM1	0.180983746	0.032755116	7.73189E-27
ENSG00000151131	C12orf45	0.180980294	0.032753867	8.56051E-28
ENSG00000236432	MFF-DT	0.180901992	0.032725531	6.36097E-29
ENSG00000172262	ZNF131	0.180896584	0.032723574	9.07725E-28
ENSG00000109920	FNBP4	0.180889848	0.032721137	6.41571E-29
ENSG00000124772	CPNE5	0.180843418	0.032704342	9.42138E-28
ENSG00000004660	CAMKK1	0.180807613	0.032691393	9.6604E-28
ENSG00000065000	AP3D1	0.180796026	0.032687203	6.85469E-29
ENSG00000143512	HHIPL2	0.180763169	0.032675323	9.96546E-28
ENSG00000215481	BCRP3	0.180741569	0.032667515	7.12301E-29
ENSG00000175764	TLL11	0.180713447	0.03265735	1.03181E-27
ENSG00000169288	MRPL1	0.180685193	0.032647139	1.05239E-27
ENSG00000169908	TM4SF1	0.180661042	0.032638412	1.07031E-27
ENSG00000235326	N.A.	0.180652956	0.032635491	7.58207E-29

ENSG00000166535	A2ML1	0.180651906	0.032635111	1.07717E-27
ENSG00000121064	SCPEP1	0.180649758	0.032634335	1.07879E-27
ENSG00000227632	AC018804.1	0.180608924	0.032619583	7.1159E-26
ENSG00000075785	RAB7A	0.18058662	0.032611527	1.12746E-27
ENSG00000233452	STXBP5-AS1	0.180570584	0.032605736	1.14016E-27
ENSG00000010803	SCMH1	0.180544613	0.032596357	1.16103E-27
ENSG00000187837	H1-2	0.180544103	0.032596173	1.16145E-27
ENSG00000115239	ASB3	0.180514918	0.032585636	1.07039E-26
ENSG00000213049	HNRNPA1P34	0.180509305	0.032583609	8.38936E-29
ENSG00000257267	ZNF271P	0.180504029	0.032581704	1.19442E-27
ENSG00000129355	CDKN2D	0.180495731	0.032578709	8.46992E-29
ENSG00000130255	RPL36	0.180472519	0.03257033	8.60945E-29
ENSG00000163510	CWC22	0.180462656	0.03256677	8.66943E-29
ENSG00000166181	API5	0.180419266	0.032551112	8.93825E-29
ENSG00000180233	ZNRF2	0.180394333	0.032542115	1.28948E-27

ENSG00000149782	PLCB3	0.180384815	0.032538682	1.17131E-26
ENSG00000162601	MYSM1	0.180380142	0.032536996	1.17511E-26
ENSG00000247363	AC090061.1	0.180352598	0.03252706	1.19772E-26
ENSG00000159374	M1AP	0.180332409	0.032519778	1.34642E-27
ENSG00000161653	NAGS	0.180300355	0.032508218	1.37687E-27
ENSG00000138433	CIR1	0.180291075	0.032504872	1.38581E-27
ENSG00000165152	PGAP4	0.180220727	0.03247951	1.02776E-28
ENSG00000198723	TEX45	0.180216726	0.032478068	1.45956E-27
ENSG00000181804	SLC9A9	0.180185028	0.032466644	1.34493E-26
ENSG00000042317	SPATA7	0.180181384	0.032465331	1.49596E-27
ENSG00000130921	C12orf65	0.180173644	0.032462542	1.50406E-27
ENSG00000100749	VRK1	0.180163396	0.032458849	1.51484E-27
ENSG00000165030	NFIL3	0.180161896	0.032458309	1.51642E-27
ENSG00000105953	OGDH	0.180123921	0.032444627	1.55709E-27
ENSG00000196778	OR52K1	0.180120591	0.032443427	1.40619E-26

ENSG00000162722	TRIM58	0.180101543	0.032436566	1.11753E-28
ENSG00000267904	AC024075.1	0.180070781	0.032425486	1.61582E-27
ENSG00000090565	RAB11FIP3	0.180051136	0.032418411	1.63808E-27
ENSG00000259562	AC090607.2	0.180037751	0.032413592	1.16873E-28
ENSG00000167641	PPP1R14A	0.180029884	0.032410759	1.66251E-27
ENSG00000167272	POP5	0.180012734	0.032404584	1.68248E-27
ENSG00000240053	LY6G5B	0.179954725	0.032383703	1.75182E-27
ENSG00000162390	ACOT11	0.179929781	0.032374726	1.78251E-27
ENSG00000151062	CACNA2D4	0.179911733	0.032368232	1.80504E-27
ENSG00000065911	MTHFD2	0.17990627	0.032366266	1.63055E-26
ENSG00000030066	NUP160	0.179896048	0.032362588	1.82485E-27
ENSG00000221823	PPP3R1	0.17989242	0.032361283	1.82946E-27
ENSG00000164949	GEM	0.179878459	0.03235626	1.30696E-28
ENSG00000156273	BACH1	0.17983552	0.032340814	1.34692E-28
ENSG00000070444	MNT	0.179824257	0.032336763	1.7255E-26

ENSG00000166086	JAM3	0.179800822	0.032328336	1.94983E-27
ENSG00000189319	FAM53B	0.179762107	0.032314415	2.00304E-27
ENSG00000034053	APBA2	0.179751916	0.032310751	1.42823E-28
ENSG00000162063	CCNF	0.179743988	0.032307901	1.43619E-28
ENSG00000071127	WDR1	0.179741093	0.032306861	2.03252E-27
ENSG00000267342	AC087289.2	0.17972662	0.032301658	2.05307E-27
ENSG00000139687	RB1	0.179715639	0.032297711	1.46501E-28
ENSG00000163631	ALB	0.17965195	0.032274823	2.16243E-27
ENSG00000099331	MYO9B	0.179609912	0.03225972	2.22652E-27
ENSG00000161091	MFSD12	0.1795548	0.032239926	2.07771E-26
ENSG00000159596	TMEM69	0.179551406	0.032238707	2.31887E-27
ENSG00000257093	DENND11	0.179547005	0.032237127	2.0889E-26
ENSG00000135605	TEC	0.179546685	0.032237012	2.32648E-27
ENSG00000254997	KRTAP5-9	0.179518246	0.032226801	2.37288E-27
ENSG00000137700	SLC37A4	0.179382014	0.032177907	2.60818E-27

ENSG00000187990	N.A.	0.179378996	0.032176824	1.85437E-28
ENSG0000008294	SPAG9	0.179370511	0.03217378	2.62908E-27
ENSG0000090060	PAPOLA	0.17931674	0.032154493	2.72898E-27
ENSG00000164327	RICTOR	0.17931326	0.032153245	1.9416E-28
ENSG00000124217	MOC3	0.179283937	0.03214273	2.79177E-27
ENSG00000188735	TMEM120B	0.179275581	0.032139734	2.80799E-27
ENSG00000262691	AC040160.1	0.179238864	0.03212657	2.88038E-27
ENSG00000242258	LINC00996	0.179008034	0.032043876	3.37979E-27
ENSG00000260196	AC124798.1	0.178995766	0.032039484	3.40861E-27
ENSG00000155428	TRIM74	0.178952184	0.032023884	3.14431E-26
ENSG00000124787	RPP40	0.178927574	0.032015077	3.19786E-26
ENSG00000213135	N.A.	0.178886247	0.032000289	2.61609E-28
ENSG00000182600	SNORC	0.178842403	0.031984605	2.69731E-28
ENSG00000223374	AC005104.1	0.178794906	0.031967618	2.78811E-28
ENSG00000198754	OXCT2	0.178719503	0.031940661	4.12623E-27

ENSG00000267861	N.A.	0.178683965	0.031927959	3.77924E-26
ENSG00000117133	RPF1	0.178673445	0.0319242	3.03434E-28
ENSG00000259448	LINC02352	0.178663555	0.031920666	4.28886E-27
ENSG00000152061	RABGAP1L	0.178643986	0.031913674	4.34722E-27
ENSG00000128567	PODXL	0.178634824	0.0319104	3.90863E-26
ENSG00000110700	RPS13	0.178606909	0.031900428	4.45998E-27
ENSG00000180957	PITPNB	0.178599648	0.031897834	4.00394E-26
ENSG00000159479	MED8	0.178572647	0.03188819	4.07866E-26
ENSG00000138641	HERC3	0.178549605	0.031879962	3.30759E-28
ENSG00000165915	SLC39A13	0.178515603	0.031867821	3.3868E-28
ENSG00000139880	CDH24	0.178495555	0.031860663	4.29969E-26
ENSG00000038382	TRIO	0.178481248	0.031855556	3.46873E-28
ENSG00000211751	TRBC1	0.178413363	0.031831328	5.09735E-27
ENSG00000159592	GPBP1L1	0.178389875	0.031822947	3.69634E-28
ENSG00000171159	C9orf16	0.178373031	0.031816938	3.73988E-28

ENSG00000116793	PHTF1	0.178354315	0.031810262	3.31766E-25
ENSG00000126226	PCID2	0.178329125	0.031801277	4.81815E-26
ENSG00000130201	N.A.	0.178301331	0.031791365	4.91058E-26
ENSG00000248991	AC097375.1	0.178299392	0.031790673	3.93631E-28
ENSG00000206177	HBM	0.178296017	0.03178947	5.52693E-27
ENSG00000249437	NAIP	0.178288313	0.031786722	3.46949E-25
ENSG00000132793	LPIN3	0.17821242	0.031759667	4.18152E-28
ENSG00000173175	ADCY5	0.178189783	0.031751599	5.29954E-26
ENSG00000237419	AL954642.1	0.178164332	0.031742529	4.32353E-28
ENSG00000251606	N.A.	0.178157744	0.031740182	6.07937E-27
ENSG00000196498	NCOR2	0.178126315	0.031728984	5.53432E-26
ENSG00000041982	TNC	0.178118391	0.031726161	6.24637E-27
ENSG00000127720	METTL25	0.178094844	0.031717774	4.53723E-28
ENSG00000270149	AL591806.2	0.178080674	0.031712726	4.58208E-28
ENSG00000142182	DNMT3L	0.178061366	0.03170585	4.6439E-28

ENSG00000125245	GPR18	0.178060328	0.031705481	5.78935E-26
ENSG00000127081	ZNF484	0.177994728	0.031682123	6.80132E-27
ENSG00000197632	SERPINB2	0.177985251	0.031678749	4.89575E-28
ENSG00000204150	N.A.	0.17797289	0.03167435	4.29567E-25
ENSG00000160471	COX6B2	0.177965559	0.03167174	6.93918E-27
ENSG00000255529	POLR2M	0.177891813	0.031645497	7.30021E-27
ENSG00000198959	TGM2	0.177888486	0.031644314	7.31693E-27
ENSG00000228863	AL121985.1	0.177881428	0.031641802	7.35253E-27
ENSG00000171067	C11orf24	0.177834937	0.031625265	7.59132E-27
ENSG00000211786	TRAV8-2	0.177812667	0.031617344	4.78722E-25
ENSG00000211692	TRGJP1	0.177808455	0.031615847	7.73076E-27
ENSG00000148358	GPR107	0.177802694	0.031613798	6.90152E-26
ENSG00000230289	AL358781.2	0.177799842	0.031612784	5.56733E-28
ENSG00000188243	COMMD6	0.17779409	0.031610739	5.58957E-28
ENSG00000035928	RFC1	0.177778095	0.031605051	5.65186E-28

ENSG00000154175	ABI3BP	0.177756748	0.031597462	5.73607E-28
ENSG00000173110	HSPA6	0.177702016	0.031578007	8.31728E-27
ENSG00000236878	MTATP6P26	0.177685708	0.031572211	8.41096E-27
ENSG00000163017	ACTG2	0.177680662	0.031570418	8.44016E-27
ENSG00000267551	AC005264.1	0.177627132	0.031551398	8.75615E-27
ENSG00000044459	CNTLN	0.177618452	0.031548314	6.31257E-28
ENSG00000263276	AC020978.7	0.177617807	0.031548085	6.31539E-28
ENSG00000118620	ZNF430	0.17758683	0.031537082	9.00177E-27
ENSG00000084652	TXLNA	0.177577596	0.031533802	9.059E-27
ENSG00000155827	RNF20	0.177516111	0.03151197	9.44937E-27
ENSG00000257052	AP003721.4	0.177512663	0.031510746	9.47175E-27
ENSG00000256885	N.A.	0.177459355	0.031491823	7.04712E-28
ENSG00000163344	PMVK	0.177387516	0.031466331	7.40599E-28
ENSG00000177494	ZBED2	0.177361225	0.031457004	1.05083E-26
ENSG00000083457	ITGAE	0.177348754	0.03145258	1.05985E-26

ENSG00000149131	SERPING1	0.177316181	0.031441028	7.78026E-28
ENSG00000176973	FAM89B	0.177310258	0.031438928	1.08818E-26
ENSG00000214706	IFRD2	0.177283466	0.031429427	7.95812E-28
ENSG00000118308	IRAG2	0.177271941	0.031425341	1.11712E-26
ENSG00000246465	AC138904.1	0.177214872	0.031405111	1.16165E-26
ENSG00000228653	HNRNPCP7	0.17718457	0.031394372	1.18601E-26
ENSG00000137656	BUD13	0.177144437	0.031380152	1.21905E-26
ENSG00000108590	MED31	0.177132685	0.031375988	8.83138E-28
ENSG00000264809	Metazoa_SRP	0.177096184	0.031363058	1.25998E-26
ENSG00000267010	N.A.	0.177081996	0.031358033	9.14578E-28
ENSG00000231346	LINC01160	0.177081323	0.031357795	1.27286E-26
ENSG00000243754	N.A.	0.177073913	0.031355171	1.13285E-25
ENSG00000163536	SERPINI1	0.177038476	0.031342622	1.31073E-26
ENSG00000014919	COX15	0.177020994	0.031336432	1.32649E-26
ENSG00000204475	NCR3	0.177017549	0.031335212	1.32962E-26

ENSG00000179846	NKPD1	0.177006654	0.031331356	9.6337E-28
ENSG00000116903	EXOC8	0.176921387	0.031301177	1.02171E-27
ENSG00000259236	GOLGA8VP	0.176868036	0.031282302	1.47273E-26
ENSG00000008988	RPS20	0.176866834	0.031281877	1.06086E-27
ENSG00000115241	PPM1G	0.176834083	0.031270293	1.08507E-27
ENSG00000243772	KIR2DL3	0.176832717	0.03126981	5.46124E-24
ENSG00000135966	TGFBRAP1	0.17676957	0.031247481	1.57521E-26
ENSG00000156395	SORCS3	0.176743963	0.031238429	1.603E-26
ENSG00000268047	AC018766.1	0.17674283	0.031238028	1.60424E-26
ENSG00000198160	MIER1	0.176674111	0.031213742	1.6813E-26
ENSG00000090686	USP48	0.176648587	0.031204723	1.71085E-26
ENSG00000001036	FUCA2	0.176624228	0.031196118	1.73953E-26
ENSG00000164897	TMUB1	0.176585813	0.031182549	1.28734E-27
ENSG00000162545	CAMK2N1	0.176505093	0.031154048	1.36083E-27
ENSG00000005194	CIAPIN1	0.176466921	0.031140574	1.93655E-26

ENSG00000260592	AC130456.3	0.176465119	0.031139938	1.93893E-26
ENSG00000099834	CDHR5	0.176464365	0.031139672	1.93993E-26
ENSG00000250991	N.A.	0.17633496	0.031094018	1.52964E-27
ENSG00000099991	CABIN1	0.176334913	0.031094002	2.11884E-26
ENSG00000170791	CHCHD7	0.176294272	0.03107967	2.17831E-26
ENSG00000114942	EEF1B2	0.176279776	0.03107456	1.58873E-27
ENSG00000237476	LINC01637	0.176204502	0.031048026	1.673E-27
ENSG00000085365	SCAMP1	0.176182374	0.031040229	2.35074E-26
ENSG00000107175	CREB3	0.176159396	0.031032133	1.7256E-27
ENSG00000189058	APOD	0.176094862	0.0310094	1.80372E-27
ENSG00000184209	SNRNP35	0.176075102	0.031002441	2.52872E-26
ENSG00000162594	IL23R	0.17606545	0.030999043	1.84048E-27
ENSG00000178301	AQP11	0.176058499	0.030996595	1.84928E-27
ENSG00000255150	EID3	0.176057008	0.03099607	1.85117E-27
ENSG00000206762	RNU6-418P	0.176054091	0.030995043	2.56511E-26

ENSG00000267934	AC010300.1	0.175959983	0.030961916	1.9785E-27
ENSG00000165996	HACD1	0.175893018	0.030938354	2.51707E-25
ENSG00000168495	POLR3D	0.175876931	0.030932695	2.09437E-27
ENSG00000095059	DHPS	0.175869898	0.030930221	2.10449E-27
ENSG00000104643	MTMR9	0.175829343	0.030915958	2.9884E-26
ENSG00000162702	ZNF281	0.17582329	0.030913829	2.17276E-27
ENSG00000108679	LGALS3BP	0.175782584	0.030899517	2.71139E-25
ENSG00000154736	ADAMTS5	0.175759628	0.030891447	2.75361E-25
ENSG00000177879	AP3S1	0.175703702	0.030871791	3.25448E-26
ENSG00000083838	ZNF446	0.175692157	0.030867734	2.37684E-27
ENSG00000170629	DPY19L2P2	0.175674804	0.030861637	2.91535E-25
ENSG00000232386	AC015712.1	0.175652448	0.030853783	3.36965E-26
ENSG00000105967	TFEC	0.175629782	0.03084582	3.42186E-26
ENSG00000233672	RNASEH2B-AS1	0.175511932	0.030804438	3.25275E-25
ENSG00000183474	GTF2H2C	0.175474785	0.0307914	3.80102E-26

ENSG00000152582	SPEF2	0.175444791	0.030780875	3.87906E-26
ENSG00000244361	RPL30P7	0.175416802	0.030771054	2.86925E-27
ENSG00000256087	ZNF432	0.175380338	0.030758263	2.94163E-27
ENSG00000138623	SEMA7A	0.175352294	0.030748427	4.12988E-26
ENSG00000204681	GABBR1	0.175317412	0.030736195	3.70672E-25
ENSG00000184349	EFNA5	0.1751838	0.030689364	4.05437E-25
ENSG00000244405	ETV5	0.175168732	0.030684085	4.67617E-26
ENSG00000130159	ECSIT	0.175167883	0.030683787	4.09788E-25
ENSG00000268593	AC008749.1	0.175117039	0.030665978	3.52074E-27
ENSG00000231955	AC007383.2	0.175096639	0.030658833	4.9098E-26
ENSG00000230567	N.A.	0.175087369	0.030655587	4.94067E-26
ENSG00000103512	NOMO1	0.175073543	0.030650745	3.62674E-27
ENSG00000149346	SLX4IP	0.175066347	0.030648226	5.01139E-26
ENSG00000149273	RPS3	0.175027483	0.03063462	3.74242E-27
ENSG00000162614	NEXN	0.175015376	0.030630382	3.77343E-27

ENSG00000198589	LRBA	0.174967515	0.030613631	3.89854E-27
ENSG00000134900	TPP2	0.174948122	0.030606845	5.42817E-26
ENSG00000087157	PGS1	0.174909468	0.030593322	5.57176E-26
ENSG00000197415	VEPH1	0.174903621	0.030591277	5.59381E-26
ENSG00000148498	PARD3	0.174902922	0.030591032	4.07392E-27
ENSG00000254432	AC113143.1	0.1748769	0.03058193	5.69565E-26
ENSG00000260891	AC020978.3	0.174852751	0.030573485	4.21552E-27
ENSG00000239388	ASB14	0.174797067	0.030554015	4.3784E-27
ENSG00000187257	RSBN1L	0.174767241	0.030543588	4.46819E-27
ENSG00000251706	RNU7-61P	0.174748456	0.030537023	4.52568E-27
ENSG00000163444	TMEM183A	0.174702858	0.030521089	4.66829E-27
ENSG00000159263	SIM2	0.174689679	0.030516484	4.71033E-27
ENSG00000228594	FNDC10	0.17464386	0.030500478	4.85944E-27
ENSG00000185621	LMLN	0.174624464	0.030493704	6.75323E-26
ENSG00000184731	FAM110C	0.174586771	0.030480541	6.92702E-26

ENSG00000136754	ABI1	0.174574892	0.030476393	4.17772E-24
ENSG00000152022	N.A.	0.174572617	0.030475599	6.99342E-26
ENSG00000003509	NDUFAF7	0.174537206	0.030463236	7.16231E-26
ENSG00000239557	PPP2R5CP	0.174533757	0.030462032	7.17897E-26
ENSG00000241644	INMT	0.174477974	0.030442563	6.50227E-25
ENSG00000267855	NDUFA7	0.174444786	0.030430983	5.56349E-27
ENSG00000229647	MYOSLID	0.174362526	0.030402291	5.88312E-27
ENSG00000187147	RNF220	0.174353279	0.030399066	5.92017E-27
ENSG00000007038	PRSS21	0.174345578	0.030396381	7.10304E-25
ENSG00000180539	C9orf139	0.174340409	0.030394578	8.17728E-26
ENSG00000148908	RGS10	0.174301657	0.030381068	8.39332E-26
ENSG00000101384	JAG1	0.174280495	0.030373691	7.41822E-25
ENSG00000130810	PPAN	0.174277675	0.030372708	6.23189E-27
ENSG00000106780	MEGF9	0.17427142	0.030370528	6.25839E-27
ENSG00000148773	MKI67	0.174260771	0.030366816	8.6274E-26

ENSG00000146731	CCT6A	0.174254533	0.030364642	6.33052E-27
ENSG0000011523	CEP68	0.174250189	0.030363128	7.56967E-25
ENSG0000078804	TP53INP2	0.174209448	0.030348932	6.52713E-27
ENSG00000103269	RHBDL1	0.174202069	0.030346361	6.55988E-27
ENSG00000138175	ARL3	0.174158115	0.030331049	6.75836E-27
ENSG00000239235	N.A.	0.174148402	0.030327666	9.30458E-26
ENSG00000157827	FMNL2	0.174122687	0.03031871	8.24113E-25
ENSG00000156475	PPP2R2B	0.174096254	0.030309506	9.63648E-26
ENSG00000122733	PHF24	0.174072499	0.030301235	8.52133E-25
ENSG00000088876	ZNF343	0.174066535	0.030299158	7.19124E-27
ENSG00000231964	AL731567.1	0.174017715	0.030282165	1.01586E-25
ENSG0000010072	SPRTN	0.174008785	0.030279057	7.47821E-27
ENSG00000130244	FAM98C	0.173970972	0.030265899	9.11733E-25
ENSG00000138092	CENPO	0.173911461	0.030245196	1.09099E-25
ENSG00000185031	SLC2A3P2	0.173906952	0.030243628	8.01218E-27

ENSG00000246308	AC116535.1	0.173857718	0.030226506	1.13106E-25
ENSG00000168393	DTYMK	0.173846863	0.030222732	1.13933E-25
ENSG00000066455	GOLGA5	0.173817528	0.030212533	8.51213E-27
ENSG00000180739	S1PR5	0.173812714	0.030210859	8.53991E-27
ENSG00000231784	DBIL5P	0.173782643	0.030200407	1.18948E-25
ENSG00000269102	AC010320.3	0.173769092	0.030195697	1.04278E-24
ENSG00000172732	MUS81	0.173654986	0.030156054	1.29577E-25
ENSG00000226261	PIMREGP1	0.173650942	0.03015465	9.52734E-27
ENSG00000112592	TBP	0.173645637	0.030152807	9.56157E-27
ENSG00000104412	EMC2	0.173631726	0.030147976	1.31613E-25
ENSG00000197608	ZNF841	0.173622248	0.030144685	1.32452E-25
ENSG00000134755	DSC2	0.173621161	0.030144307	1.32548E-25
ENSG00000127955	GNAI1	0.173603551	0.030138193	1.34121E-25
ENSG00000165997	ARL5B	0.173593213	0.030134603	1.35054E-25
ENSG00000260263	N.A.	0.173559498	0.0301229	1.01347E-26

ENSG00000167476	JSRP1	0.173554885	0.030121298	1.38566E-25
ENSG00000167114	SLC27A4	0.173549827	0.030119542	1.39036E-25
ENSG00000164118	CEP44	0.173547877	0.030118866	1.02146E-26
ENSG00000115904	SOS1	0.173521853	0.030109833	1.41665E-25
ENSG00000163235	TGFA	0.173478065	0.030094639	1.4588E-25
ENSG00000196547	MAN2A2	0.173434155	0.030079406	1.50232E-25
ENSG00000122958	VPS26A	0.173373125	0.03005824	1.35638E-24
ENSG00000234263	MAP3K5-AS1	0.173356576	0.030052502	1.1623E-26
ENSG00000090857	PDPR	0.173353846	0.030051556	1.16445E-26
ENSG00000267197	AC011461.1	0.173326713	0.030042149	1.18596E-26
ENSG00000104517	UBR5	0.173314128	0.030037787	1.62794E-25
ENSG00000100058	CRYBB2P1	0.173297773	0.030032118	1.64584E-25
ENSG00000269681	AC063977.6	0.173275024	0.030024234	1.67107E-25
ENSG00000108094	CUL2	0.173238065	0.030011427	1.25904E-26
ENSG00000204381	LAYN	0.173207836	0.030000954	1.74784E-25

ENSG00000240954	RPL4P1	0.173184718	0.029992947	1.77505E-25
ENSG00000104331	BPNT2	0.173161378	0.029984863	1.80295E-25
ENSG00000196663	TECPR2	0.173154285	0.029982407	1.81152E-25
ENSG00000141013	GAS8	0.173090086	0.029960178	1.8909E-25
ENSG00000101166	PRELID3B	0.17307418	0.029954672	1.91109E-25
ENSG00000081692	JMJD4	0.17306575	0.029951754	1.92188E-25
ENSG00000165458	INPPL1	0.173061039	0.029950123	1.13328E-23
ENSG00000269996	N.A.	0.173045704	0.029944816	1.43332E-26
ENSG00000159593	NAE1	0.173029886	0.029939341	1.44867E-26
ENSG00000136383	ALPK3	0.173027564	0.029938538	1.45094E-26
ENSG00000141744	PNMT	0.172949811	0.029911637	1.52892E-26
ENSG00000157538	VPS26C	0.17287896	0.029887135	2.17704E-25
ENSG00000061936	SFSWAP	0.172864553	0.029882154	1.89946E-24
ENSG00000205763	RP9P	0.17285226	0.029877904	2.21616E-25
ENSG00000164087	POC1A	0.17281184	0.029863932	1.67766E-26

ENSG00000134697	GNL2	0.172802908	0.029860845	1.68777E-26
ENSG00000136802	LRR8A	0.172794115	0.029857806	2.30377E-25
ENSG00000166337	TAF10	0.172781091	0.029853305	2.32386E-25
ENSG00000222112	RN7SKP16	0.172761394	0.029846499	1.73556E-26
ENSG00000134690	CDC8A	0.172753847	0.029843892	1.74438E-26
ENSG00000073417	PDE8A	0.172743078	0.029840171	1.75706E-26
ENSG00000211817	TRAV38-2DV8	0.172737035	0.029838083	2.06647E-24
ENSG00000078319	PMS2P1	0.172721325	0.029832656	1.78295E-26
ENSG00000238058	AL355574.1	0.172718612	0.029831719	2.42267E-25
ENSG00000160179	ABCG1	0.172682378	0.029819204	2.48187E-25
ENSG00000181915	ADO	0.172668466	0.029814399	1.84743E-26
ENSG00000007376	RPUSD1	0.172637151	0.029803586	1.88672E-26
ENSG00000075391	RASAL2	0.172632192	0.029801874	1.89301E-26
ENSG00000139323	POC1B	0.17259312	0.029788385	1.94336E-26
ENSG00000124019	FAM124B	0.172576467	0.029782637	2.29758E-24

ENSG00000132640	BTBD3	0.172547143	0.029772516	2.34247E-24
ENSG00000164542	KIAA0895	0.172462276	0.029743237	2.87355E-25
ENSG00000115761	NOL10	0.172396605	0.029720589	3.00186E-25
ENSG00000233404	N.A.	0.172358511	0.029707456	3.07887E-25
ENSG00000130755	GMFG	0.172336329	0.02969981	2.30891E-26
ENSG00000112996	MRPS30	0.17231708	0.029693176	2.33891E-26
ENSG00000160318	CLDND2	0.172297121	0.029686298	3.20712E-25
ENSG00000137462	TLR2	0.172289681	0.029683734	3.22302E-25
ENSG00000133374	NUB1	0.172277383	0.029679497	3.24947E-25
ENSG00000130723	PRRC2B	0.172244015	0.029668001	2.45634E-26
ENSG00000182586	LINC00334	0.1722433	0.029667754	3.3239E-25
ENSG00000207399	RNU6-1011P	0.172208822	0.029655878	3.40092E-25
ENSG00000169972	PUSL1	0.172200721	0.029653088	3.41927E-25
ENSG00000137075	RNF38	0.172162681	0.029639989	3.50675E-25
ENSG00000179456	ZBTB18	0.17216113	0.029639455	3.51037E-25

ENSG00000105708	ZNF14	0.172134165	0.029630171	3.57379E-25
ENSG00000197136	PCNX3	0.172107527	0.029621001	2.69157E-26
ENSG00000130511	SSBP4	0.172104347	0.029619906	3.64524E-25
ENSG00000179104	TMTC2	0.172058966	0.029604288	3.75671E-25
ENSG00000166562	SEC11C	0.172045392	0.029599617	3.79071E-25
ENSG00000123500	COL10A1	0.171998997	0.029583655	2.89443E-26
ENSG00000164252	AGGF1	0.171983062	0.029578174	2.92546E-26
ENSG00000254087	LYN	0.171982406	0.029577948	3.95248E-25
ENSG00000105726	ATP13A1	0.171942495	0.029564221	3.48822E-24
ENSG00000112062	MAPK14	0.171937695	0.029562571	4.07144E-25
ENSG00000126337	KRT36	0.171935757	0.029561904	4.07668E-25
ENSG00000112237	CCNC	0.171926119	0.02955859	3.03908E-26
ENSG00000163482	STK36	0.171892758	0.02954712	4.19459E-25
ENSG00000000938	FGR	0.171879864	0.029542688	3.13458E-26
ENSG00000138050	THUMPD2	0.17184795	0.029531718	3.2022E-26

ENSG00000164758	MED30	0.171788421	0.029511262	3.33222E-26
ENSG00000120733	KDM3B	0.171700564	0.029481084	4.08896E-24
ENSG00000263463	N.A.	0.171612599	0.029450884	5.04993E-25
ENSG00000055070	SZRD1	0.171558326	0.029432259	5.23459E-25
ENSG00000143507	DUSP10	0.171549563	0.029429252	5.26503E-25
ENSG00000147459	DOCK5	0.171538182	0.029425348	5.30482E-25
ENSG00000160207	HSF2BP	0.171480333	0.029405505	4.09345E-26
ENSG00000097096	SYDE2	0.171475972	0.029404009	4.10538E-26
ENSG00000008300	CELSR3	0.171464969	0.029400236	4.13562E-26
ENSG00000241679	AC018450.1	0.17145969	0.029398425	5.58748E-25
ENSG00000232093	DCST1-AS1	0.171447998	0.029394416	4.18271E-26
ENSG00000181619	GPR135	0.171402587	0.029378847	5.80244E-25
ENSG00000254362	AC011726.2	0.171400169	0.029378018	4.31829E-26
ENSG00000105379	ETFB	0.171376957	0.029370061	5.90157E-25
ENSG00000171940	ZNF217	0.171349899	0.029360788	6.00804E-25

ENSG00000231475	IGHV4-31	0.171331968	0.029354643	5.20656E-24
ENSG00000169129	AFAP1L2	0.171326959	0.029352927	5.22367E-24
ENSG00000175793	SFN	0.171323129	0.029351615	4.5459E-26
ENSG00000102753	KPNA3	0.171310594	0.029347319	5.27994E-24
ENSG00000184925	LCN12	0.171294413	0.029341776	4.63374E-26
ENSG00000033178	UBA6	0.171267704	0.029332627	6.34328E-25
ENSG00000145358	DDIT4L	0.171265574	0.029331897	6.35221E-25
ENSG00000153563	CD8A	0.171247564	0.029325728	4.78068E-26
ENSG00000204120	GIGYF2	0.171162623	0.029296644	6.79897E-25
ENSG00000134982	APC	0.171065086	0.029263264	7.25091E-25
ENSG00000112893	MAN2A1	0.17099651	0.029239807	7.58634E-25
ENSG00000233954	UQCRHL	0.170909664	0.029210113	8.03328E-25
ENSG00000258944	AC004846.2	0.170885607	0.029201891	6.08285E-26
ENSG00000109654	TRIM2	0.170858596	0.02919266	8.30817E-25
ENSG00000143157	POGK	0.170844409	0.029187812	6.25173E-26

ENSG00000258102	MAP1LC3B2	0.170821006	0.029179816	8.51645E-25
ENSG00000263568	N.A.	0.170805897	0.029174654	8.60162E-25
ENSG00000080371	RAB21	0.170735371	0.029150567	9.01044E-25
ENSG00000213588	ZBTB9	0.170717357	0.029144416	6.80234E-26
ENSG00000139496	NUP58	0.17069294	0.02913608	6.91354E-26
ENSG00000124444	ZNF576	0.170676115	0.029130336	6.9912E-26
ENSG00000185518	SV2B	0.170675527	0.029130136	9.3724E-25
ENSG00000176624	MEX3C	0.17066712	0.029127266	7.03308E-26
ENSG00000084764	MAPRE3	0.17066679	0.029127153	7.03462E-26
ENSG00000006695	COX10	0.17065064	0.029121641	9.52713E-25
ENSG00000128534	LSM8	0.17064991	0.029121392	8.12999E-24
ENSG00000113851	CRBN	0.170553959	0.029088653	1.01526E-24
ENSG00000139163	ETNK1	0.170551212	0.029087716	7.59545E-26
ENSG00000130726	TRIM28	0.170520083	0.029077099	7.75393E-26
ENSG00000188779	SKOR1	0.17051868	0.02907662	1.03908E-24

ENSG00000266490	AC127024.5	0.170492658	0.029067746	7.89626E-26
ENSG00000204103	MAFB	0.170480119	0.029063471	7.96219E-26
ENSG00000137409	MTCH1	0.170478218	0.029062823	1.06709E-24
ENSG00000227355	AL359644.1	0.170450737	0.029053454	1.08654E-24
ENSG00000213199	ASIC3	0.170419014	0.02904264	1.10942E-24
ENSG00000138430	OLA1	0.170341533	0.029016238	1.16734E-24
ENSG00000161643	SIGLEC16	0.170281681	0.028995851	1.03331E-23
ENSG00000130725	UBE2M	0.170261962	0.028989136	1.22994E-24
ENSG00000169245	CXCL10	0.170253779	0.028986349	9.25068E-26
ENSG00000143398	PIP5K1A	0.170157142	0.028953453	1.3175E-24
ENSG00000267612	AC008759.2	0.170154096	0.028952416	9.88175E-26
ENSG00000229666	MAST4-AS1	0.170083912	0.028928537	1.03515E-25
ENSG00000115365	LANCL1	0.17006889	0.028923427	1.04549E-25
ENSG00000163346	PBXIP1	0.170041129	0.028913986	1.06486E-25
ENSG00000072422	RHOBTB1	0.170019142	0.028906509	1.08046E-25

ENSG00000167377	ZNF23	0.170007625	0.028902592	1.45318E-24
ENSG00000137814	HAUS2	0.169993523	0.028897798	1.46667E-24
ENSG00000174871	CNIH2	0.169990818	0.028896878	1.46927E-24
ENSG00000243155	AL162431.1	0.169960152	0.028886453	8.49522E-23
ENSG00000270021	AC026691.1	0.169946359	0.028881765	1.5127E-24
ENSG00000184384	MAML2	0.169943379	0.028880752	1.28735E-23
ENSG00000262039	AC091180.5	0.16993843	0.02887907	1.52057E-24
ENSG00000203734	ECT2L	0.169933793	0.028877494	1.14317E-25
ENSG00000198892	SHISA4	0.169924701	0.028874404	1.15006E-25
ENSG00000173267	SNCG	0.169916918	0.028871759	1.54215E-24
ENSG00000134825	TMEM258	0.169874301	0.028857278	1.58579E-24
ENSG0000014641	MDH1	0.169874117	0.028857215	1.58598E-24
ENSG00000205639	MFSD2B	0.169871429	0.028856302	1.58878E-24
ENSG00000088543	C3orf18	0.169861783	0.028853025	1.59884E-24
ENSG00000104756	KCTD9	0.169853307	0.028850146	1.20562E-25

ENSG00000114656	CFAP92	0.169849016	0.028848688	1.61226E-24
ENSG00000176928	GCNT4	0.169834422	0.028843731	1.22075E-25
ENSG00000100401	RANGAP1	0.169827288	0.028841308	1.63536E-24
ENSG00000198382	UVRAG	0.169821229	0.02883925	1.39353E-23
ENSG00000223799	IL10RB-DT	0.169785734	0.028827195	1.68044E-24
ENSG00000173585	CCR9	0.169785124	0.028826988	1.68111E-24
ENSG00000237037	NDUFA6-DT	0.169771259	0.02882228	1.69643E-24
ENSG00000241493	AC018638.3	0.169761976	0.028819128	1.70677E-24
ENSG00000232453	LINC02777	0.16971887	0.028804495	1.75558E-24
ENSG00000115318	LOXL3	0.169663778	0.028785797	1.81999E-24
ENSG00000173548	SNX33	0.169644619	0.028779297	1.84293E-24
ENSG00000125611	CHCHD5	0.169616613	0.028769795	1.87698E-24
ENSG00000163872	YEATS2	0.169554905	0.028748866	1.95423E-24
ENSG00000237772	LINC02631	0.169527861	0.028739696	1.98907E-24
ENSG00000267288	AC138150.2	0.169491142	0.028727247	2.03735E-24

ENSG00000115282	TTC31	0.169471402	0.028720556	1.55113E-25
ENSG00000196911	KPNA5	0.169403028	0.028697386	2.15802E-24
ENSG00000211806	TRAV25	0.169394326	0.028694438	2.17031E-24
ENSG00000155760	FZD7	0.16938122	0.028689998	2.18896E-24
ENSG00000196357	ZNF565	0.169356214	0.028681527	1.67343E-25
ENSG00000132024	CC2D1A	0.169348504	0.028678916	1.68194E-25
ENSG00000204632	HLA-G	0.169347506	0.028678578	1.68305E-25
ENSG00000086189	DIMT1	0.169273029	0.028653358	1.76764E-25
ENSG00000165917	RAPSN	0.169231616	0.02863934	1.81648E-25
ENSG00000166454	ATMIN	0.16922694	0.028637757	1.82208E-25
ENSG00000204463	BAG6	0.169221519	0.028635923	1.82859E-25
ENSG00000259994	AL353796.1	0.169206718	0.028630913	1.84649E-25
ENSG00000114805	PLCH1	0.169200963	0.028628966	1.85349E-25
ENSG00000066926	FECH	0.169154087	0.028613105	1.91154E-25
ENSG00000088930	XRN2	0.169137707	0.028607564	1.93225E-25

ENSG0000047056	WDR37	0.16913668	0.028607217	2.56746E-24
ENSG00000157933	SKI	0.169136208	0.028607057	2.56825E-24
ENSG00000214708	AC116407.1	0.169114512	0.028599718	2.20154E-23
ENSG00000146411	SLC2A12	0.169106451	0.028596992	1.97237E-25
ENSG00000196812	ZSCAN16	0.169070786	0.028584931	2.01917E-25
ENSG00000251194	AL133330.1	0.169065727	0.02858322	2.0259E-25
ENSG00000245025	AC107959.1	0.16904544	0.028576361	2.0531E-25
ENSG00000198252	STYX	0.169032004	0.028571818	2.07131E-25
ENSG00000181039	N.A.	0.168998658	0.028560546	2.11721E-25
ENSG00000214046	SMIM7	0.168990043	0.028557635	2.82481E-24
ENSG0000029534	ANK1	0.168954768	0.028545714	2.89044E-24
ENSG00000170421	KRT8	0.168884335	0.028521919	3.02602E-24
ENSG00000265298	AC132812.1	0.168870558	0.028517265	2.30307E-25
ENSG00000159588	CCDC17	0.168854025	0.028511682	2.32821E-25
ENSG00000111707	SUDS3	0.168846074	0.028508997	2.61778E-23

ENSG00000256223	ZNF10	0.16883929	0.028506706	2.35084E-25
ENSG0000042088	TDP1	0.168827796	0.028502825	2.36865E-25
ENSG00000211800	TRAV20	0.168813046	0.028497845	3.16966E-24
ENSG00000262222	N.A.	0.168780949	0.028487009	1.80846E-22
ENSG00000261737	CLCA4-AS1	0.168774486	0.028484827	2.74137E-23
ENSG00000008226	DLEC1	0.168755647	0.028478468	3.29021E-24
ENSG00000175137	SH3BP5L	0.168732564	0.028470678	3.33995E-24
ENSG00000248596	AC139491.2	0.168683816	0.02845423	2.60334E-25
ENSG00000260682	RN7SKP176	0.168657111	0.028445221	3.50782E-24
ENSG00000116667	C1orf21	0.168625942	0.028434708	3.57958E-24
ENSG00000184445	KNTC1	0.168611382	0.028429798	2.72997E-25
ENSG00000196387	ZNF140	0.168577407	0.028418342	2.79145E-25
ENSG00000259384	GH1	0.168548218	0.028408502	2.84537E-25
ENSG00000164309	CMYA5	0.16853321	0.028403443	3.80179E-24
ENSG00000115170	ACVR1	0.168532649	0.028403254	3.80317E-24

ENSG00000135932	CAB39	0.168482232	0.028386263	2.97108E-25
ENSG00000156876	SASS6	0.168481653	0.028386068	2.9722E-25
ENSG00000169918	OTUD7A	0.168470613	0.028382347	2.99378E-25
ENSG00000135390	ATP5MC2	0.168405881	0.028360541	3.12342E-25
ENSG00000223509	AC135983.2	0.168394528	0.028356717	3.50066E-23
ENSG00000111796	KLRB1	0.1683591	0.028344787	4.25652E-24
ENSG00000105662	CRTC1	0.168351441	0.028342208	4.27772E-24
ENSG00000112378	PERP	0.168310865	0.028328547	3.69399E-23
ENSG00000170956	CEACAM3	0.168256089	0.028310112	3.44511E-25
ENSG00000188315	C3orf62	0.168248415	0.028307529	3.46245E-25
ENSG00000125531	FNDC11	0.168230879	0.028301629	4.62546E-24
ENSG00000113719	ERGIC1	0.168172511	0.028281994	4.80373E-24
ENSG00000237181	PRKAR1B-AS1	0.168155043	0.028276118	4.8584E-24
ENSG00000162244	RPL29	0.168139627	0.028270934	4.12325E-23
ENSG00000244701	AC004918.1	0.168133194	0.028268771	4.1403E-23

ENSG00000239900	ADSL	0.168098277	0.028257031	3.81957E-25
ENSG00000267118	N.A.	0.168077354	0.028249997	5.10907E-24
ENSG00000108296	N.A.	0.168067852	0.028246803	5.14059E-24
ENSG00000116221	MRPL37	0.168048506	0.0282403	5.20537E-24
ENSG00000134046	MBD2	0.16802866	0.02823363	3.99732E-25
ENSG00000239670	AL355864.2	0.167974979	0.028215594	4.13995E-25
ENSG00000163362	INAVA	0.167968467	0.028213406	5.48209E-24
ENSG00000236137	AL445231.1	0.167961758	0.028211152	5.50594E-24
ENSG00000234810	AL603840.1	0.167902663	0.028191304	5.72047E-24
ENSG00000215187	FAM166B	0.167899813	0.028190347	5.73102E-24
ENSG00000266993	AL050343.2	0.167894185	0.028188457	5.75191E-24
ENSG00000120725	SIL1	0.167888953	0.028186701	4.3791E-25
ENSG00000186073	CDIN1	0.167855625	0.028175511	5.89712E-24
ENSG00000104381	GDAP1	0.167828459	0.028166392	6.0016E-24
ENSG00000254503	AC010319.1	0.167814268	0.028161629	4.59779E-25

ENSG00000160087	UBE2J2	0.167686032	0.028118605	5.51386E-23
ENSG00000156374	PCGF6	0.167685164	0.028118314	5.00163E-25
ENSG00000259877	AC009113.1	0.167674875	0.028114864	5.03529E-25
ENSG00000126247	CAPNS1	0.167657863	0.028109159	6.70087E-24
ENSG00000182481	KPNA2	0.167603242	0.028090847	5.2759E-25
ENSG00000263264	AC119396.1	0.167526565	0.02806515	7.29348E-24
ENSG00000225370	AC243962.1	0.167492577	0.028053763	7.45516E-24
ENSG00000164258	NDUFS4	0.167477732	0.028048791	7.52688E-24
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ENSG00000105401	CDC37	0.167431204	0.028033208	7.75615E-24
ENSG00000170776	AKAP13	0.167420712	0.028029695	7.80879E-24
ENSG00000152217	SETBP1	0.167402385	0.028023558	6.01302E-25
ENSG00000196954	CASP4	0.167397661	0.028021977	6.6299E-23
ENSG00000260810	AL135818.2	0.167385941	0.028018053	6.6797E-23
ENSG00000260136	AC008915.2	0.167382732	0.028016979	6.0904E-25

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ENSG00000170469	SPATA24	0.167343418	0.02800382	6.24817E-25
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ENSG00000163637	PRICKLE2	0.167300782	0.027989552	8.43629E-24
ENSG00000250654	AC023794.3	0.167267933	0.027978562	8.61671E-24
ENSG00000236753	MKLN1-AS	0.167263082	0.027976939	6.58326E-25
ENSG00000267744	AC022916.3	0.167217295	0.027961624	7.43876E-23
ENSG00000233559	LINC00513	0.167201686	0.027956404	8.99226E-24
ENSG00000128739	SNRPN	0.167197634	0.027955049	6.86936E-25
ENSG00000128463	EMC4	0.167185308	0.027950927	6.92461E-25
ENSG00000159212	CLIC6	0.16717214	0.027946524	6.98411E-25
ENSG00000260686	AC008669.1	0.167162024	0.027943142	7.03017E-25
ENSG00000177374	HIC1	0.167154036	0.027940472	7.06675E-25
ENSG00000178974	FBXO34	0.167126884	0.027931396	9.43582E-24
ENSG00000100104	SRRD	0.167113097	0.027926787	7.2572E-25

ENSG00000232442	MHENCN	0.167098578	0.027921935	9.60926E-24
ENSG00000158467	AHCYL2	0.167096901	0.027921374	8.03228E-23
ENSG00000197566	ZNF624	0.167089392	0.027918865	9.66622E-24
ENSG00000268339	N.A.	0.166995894	0.027887628	7.83102E-25
ENSG00000204764	RANBP17	0.166988966	0.027885315	7.8663E-25
ENSG00000268521	VN1R83P	0.16697796	0.027881639	1.03844E-23
ENSG00000122971	ACADS	0.166965797	0.027877577	1.04659E-23
ENSG00000213585	VDAC1	0.16692965	0.027865508	8.17498E-25
ENSG00000168010	ATG16L2	0.166924653	0.02786384	1.07464E-23
ENSG00000198742	SMURF1	0.166896327	0.027854384	1.09438E-23
ENSG00000004799	PDK4	0.166880036	0.027848946	1.1059E-23
ENSG00000232810	TNF	0.16683112	0.027832623	8.71446E-25
ENSG00000197714	ZNF460	0.166813194	0.027826642	8.81633E-25
ENSG00000080823	MOK	0.16681043	0.02782572	8.83214E-25
ENSG00000115977	AAK1	0.166800635	0.027822452	1.16377E-23

ENSG00000132003	ZSWIM4	0.166779682	0.027815462	9.00995E-25
ENSG00000105671	DDX49	0.166738395	0.027801692	1.21122E-23
ENSG00000162290	N.A.	0.16672711	0.027797929	6.65051E-22
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ENSG00000257103	LSM14A	0.166715332	0.027794002	1.02407E-22
ENSG00000135018	UBQLN1	0.166711247	0.02779264	1.23251E-23
ENSG00000111196	MAGOHB	0.16665588	0.027774182	1.27709E-23
ENSG00000101596	SMCHD1	0.166610983	0.02775922	1.31441E-23
ENSG00000169964	TMEM42	0.166600963	0.027755881	1.32288E-23
ENSG00000106299	WASL	0.166563714	0.027743471	1.03628E-24
ENSG00000243587	N.A.	0.166519634	0.027728788	1.06627E-24
ENSG00000212125	TAS2R15P	0.16650847	0.02772507	1.074E-24
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ENSG00000146729	NIPSNAP2	0.166453043	0.027706616	1.45447E-23
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ENSG00000143742	SRP9	0.166356202	0.027674386	1.54756E-23
ENSG00000145860	RNF145	0.166345344	0.027670773	1.55835E-23
ENSG00000162852	CNST	0.166317744	0.027661592	1.58614E-23
ENSG00000249087	ZNF436-AS1	0.166282987	0.027650032	1.62182E-23
ENSG00000179583	CIITA	0.16626996	0.0276457	1.6354E-23
ENSG00000146433	TMEM181	0.166261557	0.027642905	1.64422E-23
ENSG00000160404	TOR2A	0.166247947	0.02763838	1.65861E-23
ENSG00000096872	IFT74	0.166245976	0.027637724	1.6607E-23
ENSG00000006125	AP2B1	0.166175698	0.027614363	1.73708E-23
ENSG00000237424	FOXD2-AS1	0.166104362	0.027590659	1.81816E-23
ENSG00000140836	ZFH3	0.166065652	0.027577801	1.86371E-23
ENSG00000182004	SNRPE	0.165983901	0.027550655	1.50723E-24
ENSG00000112339	HBS1L	0.165971661	0.027546592	1.97908E-23

ENSG00000255121	CENATAC-DT	0.165970662	0.027546261	1.98035E-23
ENSG00000165113	GKAP1	0.165967611	0.027545248	1.52314E-24
ENSG00000177427	MIEF2	0.165946657	0.027538293	2.01095E-23
ENSG00000112796	ENPP5	0.165929971	0.027532755	1.68514E-22
ENSG00000100139	MICALL1	0.165896447	0.027521631	1.59466E-24
ENSG00000258315	C17orf49	0.165873008	0.027513855	1.61894E-24
ENSG00000178573	MAF	0.165862264	0.02751029	1.75887E-22
ENSG00000160460	SPTBN4	0.165806179	0.027491689	2.19964E-23
ENSG00000132182	NUP210	0.165804877	0.027491257	1.69159E-24
ENSG00000198301	SDAD1	0.165798878	0.027489268	1.69814E-24
ENSG00000169740	ZNF32	0.165780536	0.027483186	1.71833E-24
ENSG00000174943	KCTD13	0.165754245	0.02747447	2.27375E-23
ENSG00000174547	MRPL11	0.165732914	0.027467399	1.77185E-24
ENSG00000114745	GORASP1	0.165732246	0.027467177	2.30588E-23
ENSG00000261888	AC144831.1	0.165717377	0.027462249	1.92753E-22

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ENSG00000232637	N.A.	0.16560404	0.027424698	2.50229E-23
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ENSG00000171189	GRIK1	0.165492205	0.02738767	2.68709E-23
ENSG00000237118	CYP2F2P	0.165443002	0.027371387	2.13516E-24
ENSG00000142453	CARM1	0.165408489	0.027359968	2.8342E-23
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ENSG00000163126	ANKRD23	0.165393321	0.027354951	2.20443E-24
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ENSG00000221914	PPP2R2A	0.165133514	0.027269078	3.37582E-23
ENSG00000112561	TFEB	0.165121681	0.027265169	3.4013E-23

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ENSG00000169814	BTD	0.165075904	0.027250054	3.50166E-23
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ENSG00000120686	UFM1	0.164983957	0.027219706	2.86676E-24
ENSG00000231584	FAHD2CP	0.164953356	0.02720961	2.92353E-24
ENSG00000213139	CRYGS	0.164953156	0.027209544	3.78549E-23
ENSG00000124196	GTSF1L	0.164938449	0.027204692	3.82099E-23
ENSG00000107282	APBA1	0.16493536	0.027203673	3.155E-22
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ENSG00000141376	BCAS3	0.164901067	0.027192362	3.22373E-22
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ENSG00000026652	AGPAT4	0.164855372	0.027177294	3.31762E-22

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ENSG00000228541	AC093159.1	0.164666652	0.027115106	4.53965E-23
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ENSG00000129315	CCNT1	0.164146966	0.026944226	4.89506E-24
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ENSG00000112118	MCM3	0.163793365	0.026828266	6.13136E-24
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ENSG00000175727	MLXIP	0.163695619	0.026796256	8.38219E-23
ENSG00000244733	AL132656.2	0.163683525	0.026792296	6.90716E-22
ENSG00000136813	ECPAS	0.163682584	0.026791988	8.45126E-23
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ENSG00000169136	ATF5	0.163660686	0.02678482	4.49913E-21

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ENSG00000177830	CHID1	0.163575301	0.026756879	7.04303E-24
ENSG00000159692	CTBP1	0.163572115	0.026755837	9.05969E-23
ENSG00000186998	EMID1	0.163567636	0.026754372	9.08525E-23
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ENSG00000177875	CCDC184	0.163336614	0.02667885	1.05052E-22
ENSG00000122643	NT5C3A	0.163313992	0.02667146	8.31366E-24
ENSG00000232879	GLRX5P2	0.163306542	0.026669027	8.35304E-24
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ENSG00000160679	CHTOP	0.163169303	0.026624222	9.11227E-24
ENSG00000130204	TOMM40	0.163169183	0.026624182	1.16695E-22
ENSG00000213614	HEXA	0.163088077	0.026597721	9.5934E-24
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ENSG00000166833	NAV2	0.162586378	0.02643433	1.31747E-23
ENSG00000183624	HMCES	0.162555919	0.026424427	1.34304E-23
ENSG00000156052	GNAQ	0.162479759	0.026399672	1.40916E-23
ENSG00000196689	TRPV1	0.162468405	0.026395983	1.41929E-23
ENSG00000240449	REPIN1-AS1	0.162450845	0.026390277	1.4351E-23
ENSG00000101745	ANKRD12	0.162430008	0.026383508	1.85351E-22
ENSG00000164221	CCDC112	0.162415215	0.026378702	1.51788E-21
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ENSG00000164821	DEFA4	0.162239065	0.026321514	1.64004E-23
ENSG00000132970	WASF3	0.162187111	0.026304659	2.15683E-22
ENSG00000120805	ARL1	0.162177885	0.026301666	2.16928E-22
ENSG00000106258	CYP3A5	0.162139368	0.026289175	2.22199E-22
ENSG00000154240	CEP112	0.162060793	0.026263701	2.33349E-22
ENSG00000178761	FAM219B	0.162051535	0.0262607	2.34698E-22
ENSG00000103707	MTFMT	0.162008566	0.026246776	1.89611E-23
ENSG00000136514	RTP4	0.161961605	0.026231562	2.48217E-22
ENSG00000124875	CXCL6	0.161953188	0.026228835	2.49521E-22

ENSG00000253320	MAILR	0.161950127	0.026227844	1.96708E-23
ENSG00000171603	CLSTN1	0.161949833	0.026227748	2.50043E-22
ENSG00000169813	HNRNPF	0.161921816	0.026218675	2.54442E-22
ENSG00000169764	UGP2	0.161841924	0.026192808	2.6741E-22
ENSG00000127586	CHTF18	0.16183493	0.026190544	2.11478E-23
ENSG00000158195	WASF2	0.161834063	0.026190264	2.11594E-23
ENSG00000196549	MME	0.161827503	0.026188141	2.69819E-22
ENSG00000213079	SCAF8	0.161821748	0.026186278	2.13237E-23
ENSG00000118965	WDR35	0.161780652	0.026172979	2.77797E-22
ENSG00000008853	RHOBTB2	0.161765796	0.026168173	2.20864E-23
ENSG00000215283	HMGB3P24	0.161760706	0.026166526	2.81264E-22
ENSG00000139631	CSAD	0.161750992	0.026163383	2.82967E-22
ENSG00000265415	AC099850.3	0.161722286	0.026154098	2.26981E-23
ENSG00000142784	WDTC1	0.161717435	0.026152529	2.88932E-22
ENSG00000060749	QSER1	0.161717274	0.026152477	2.33446E-21

ENSG00000086598	TMED2	0.161683501	0.026141554	2.9509E-22
ENSG00000178950	GAK	0.16161083	0.02611806	3.08719E-22
ENSG00000229873	OGFR-AS1	0.16157139	0.026105314	2.49524E-23
ENSG00000129467	ADCY4	0.161475308	0.026074275	2.70892E-21
ENSG00000187456	N.A.	0.161428527	0.026059169	2.72904E-23
ENSG00000211964	IGHV3-48	0.161393265	0.026047786	3.53354E-22
ENSG00000184860	SDR42E1	0.161386922	0.026045739	3.54747E-22
ENSG00000068796	KIF2A	0.161379761	0.026043427	2.81371E-23
ENSG00000233885	YEATS2-AS1	0.161352261	0.026034552	2.8626E-23
ENSG00000157368	IL34	0.161297832	0.026016991	2.96185E-23
ENSG00000156136	DCK	0.161238781	0.025997945	3.88869E-22
ENSG00000101000	PROCR	0.161236751	0.02599729	3.07729E-23
ENSG00000008130	NADK	0.161223315	0.025992957	3.10327E-23
ENSG00000141458	NPC1	0.161209971	0.025988655	3.1293E-23
ENSG00000250251	PKD1P6	0.161205132	0.025987095	3.13879E-23

ENSG00000145088	EAF2	0.161183781	0.025980211	3.181E-23
ENSG00000111224	PARP11	0.161160589	0.025972736	4.08168E-22
ENSG00000138115	CYP2C8	0.16113481	0.025964427	4.14736E-22
ENSG00000213064	SFT2D2	0.161120425	0.025959791	3.3096E-23
ENSG00000267397	AC090229.1	0.16110758	0.025955652	4.21788E-22
ENSG00000088179	PTPN4	0.161093069	0.025950977	3.3667E-23
ENSG00000124562	SNRPC	0.161047303	0.025936234	3.46442E-23
ENSG00000203761	MSTO2P	0.161038848	0.025933511	3.48278E-23
ENSG00000080608	PUM3	0.161038365	0.025933355	3.48383E-23
ENSG00000019995	ZRANB1	0.16103041	0.025930793	3.55896E-21
ENSG00000139266	MARCHF9	0.161021478	0.025927916	3.5208E-23
ENSG00000253998	IGKV2-29	0.160962015	0.02590877	4.61544E-22
ENSG00000184575	XPOT	0.160938279	0.02590113	3.70867E-23
ENSG00000024048	UBR2	0.160924313	0.025896635	4.72432E-22
ENSG00000237489	C10orf143	0.160915415	0.025893771	4.75039E-22

ENSG0000082258	CCNT2	0.160901898	0.025889421	3.79391E-23
ENSG00000207561	MIR635	0.160890091	0.025885622	4.82535E-22
ENSG00000141505	ASGR1	0.160862447	0.025876727	4.90851E-22
ENSG00000164440	TXLNB	0.160791512	0.02585391	4.11931E-21
ENSG00000108292	N.A.	0.160767625	0.025846229	5.2047E-22
ENSG00000106829	TLE4	0.160718834	0.025830544	4.30648E-21
ENSG00000189339	SLC35E2B	0.160698408	0.025823978	2.74918E-20
ENSG00000128881	TTBK2	0.160686955	0.025820298	4.33855E-23
ENSG00000122299	ZC3H7A	0.160657538	0.025810844	5.57081E-22
ENSG00000105202	FBL	0.160629099	0.025801707	4.49792E-23
ENSG00000228601	RPL39P	0.16061056	0.025795752	4.55021E-23
ENSG00000073282	TP63	0.160578781	0.025785545	4.6912E-21
ENSG00000261959	AC015909.3	0.160553002	0.025777267	5.942E-22
ENSG00000143013	LMO4	0.160550539	0.025776476	1.60729E-19
ENSG00000096968	JAK2	0.160546086	0.025775046	5.96741E-22

ENSG00000185482	STAC3	0.160533289	0.025770937	4.77469E-23
ENSG00000243554	AC004967.1	0.1605262	0.025768661	4.79582E-23
ENSG00000173626	TRAPPC3L	0.160483225	0.025754865	4.92594E-23
ENSG00000136867	SLC31A2	0.1604356	0.025739582	5.07422E-23
ENSG00000214300	SPDYE3	0.160430757	0.025738028	6.40721E-22
ENSG00000135299	ANKRD6	0.160406395	0.025730212	5.21168E-21
ENSG00000169507	SLC38A11	0.160354521	0.025713572	6.71538E-22
ENSG00000231312	MAP4K3-DT	0.160342689	0.025709778	5.37633E-23
ENSG00000125753	VASP	0.160332108	0.025706385	6.80874E-22
ENSG00000263597	MIR3936	0.160297197	0.025695191	5.53069E-23
ENSG00000132142	N.A.	0.160293152	0.025693895	6.97407E-22
ENSG00000167244	IGF2	0.160286576	0.025691786	5.56735E-23
ENSG00000136114	THSD1	0.160248508	0.025679584	5.70074E-23
ENSG00000108387	SEPTIN4	0.160091502	0.025629289	6.28514E-23
ENSG00000136371	MTHFS	0.160076734	0.025624561	7.96753E-22

ENSG00000138496	PARP9	0.160071917	0.025623019	7.99116E-22
ENSG00000198342	ZNF442	0.160071813	0.025622985	6.36249E-23
ENSG00000153561	RMND5A	0.16006929	0.025622177	6.37247E-23
ENSG00000169871	TRIM56	0.160063341	0.025620273	8.03341E-22
ENSG00000197122	SRC	0.160053333	0.025617069	6.46246E-21
ENSG00000138798	EGF	0.160038728	0.025612394	6.49459E-23
ENSG00000196937	FAM3C	0.159961335	0.025587629	8.55322E-22
ENSG00000117691	NENF	0.159942815	0.025581704	8.65111E-22
ENSG00000167536	DHRS13	0.159918882	0.025574049	6.99624E-23
ENSG00000119705	SLIRP	0.159871532	0.025558907	9.03831E-22
ENSG00000239353	N.A.	0.15986744	0.025557599	7.22315E-23
ENSG00000012124	CD22	0.159835994	0.025547545	9.23771E-22
ENSG00000110721	CHKA	0.15979786	0.025535356	7.54846E-21
ENSG00000249931	GOLGA8K	0.159784334	0.025531033	9.53534E-22
ENSG00000211809	TRAV27	0.159771123	0.025526812	9.61296E-22

ENSG00000254944	ATP5PBP5	0.159763387	0.02552434	7.70463E-23
ENSG00000165526	RPUSD4	0.159758364	0.025522735	9.68853E-22
ENSG00000260336	N.A.	0.159757597	0.02552249	7.73233E-23
ENSG00000177058	SLC38A9	0.159755496	0.025521819	9.70559E-22
ENSG00000173559	NABP1	0.159720621	0.025510677	9.91551E-22
ENSG00000122483	CCDC18	0.159711875	0.025507883	7.9546E-23
ENSG00000179886	TIGD5	0.159681107	0.025498056	8.10773E-23
ENSG00000168538	TRAPPC11	0.159665162	0.025492964	1.02586E-21
ENSG00000166922	SCG5	0.159653357	0.025489194	8.24833E-23
ENSG00000100281	HMGXB4	0.159643758	0.02548613	8.29752E-23
ENSG00000224138	AC000123.1	0.159631665	0.025482268	8.35992E-23
ENSG00000260388	LINC00562	0.159623319	0.025479604	1.05252E-21
ENSG00000136158	SPRY2	0.15951101	0.025443762	9.00839E-23
ENSG00000153558	FBXL2	0.1595109	0.025443727	1.12759E-21
ENSG00000105298	CACTIN	0.159483354	0.02543494	9.16391E-23

ENSG00000239300	AC080162.1	0.159455262	0.025425981	9.32459E-23
ENSG00000117505	DR1	0.159401508	0.025408841	9.63988E-23
ENSG00000103994	ZNF106	0.159392518	0.025405975	1.21238E-21
ENSG00000170860	LSM3	0.159361276	0.025396016	1.23579E-21
ENSG00000104626	ERI1	0.159356662	0.025394546	1.23928E-21
ENSG00000167113	COQ4	0.159314039	0.025380963	1.27203E-21
ENSG00000160785	SLC25A44	0.159288262	0.02537275	1.0282E-20
ENSG00000151881	TMEM267	0.159271971	0.025367561	1.04436E-22
ENSG00000100908	EMC9	0.159159915	0.025331879	1.11922E-22
ENSG00000005812	FBXL3	0.159133183	0.02532337	1.13785E-22
ENSG00000139174	PRICKLE1	0.159115324	0.025317686	1.14162E-20
ENSG00000128512	DOCK4	0.159112472	0.025316779	1.14359E-20
ENSG00000163714	U2SURP	0.159081858	0.025307038	1.17448E-22
ENSG00000256084	AC092112.1	0.159068778	0.025302876	1.184E-22
ENSG00000094975	SUCO	0.159067601	0.025302502	1.18486E-22

ENSG00000197046	SIGLEC15	0.159035984	0.025292444	1.19772E-20
ENSG00000035720	STAP1	0.159024675	0.025288847	1.51814E-21
ENSG00000188931	CFAP126	0.159020602	0.025287552	1.52192E-21
ENSG00000227165	WDR11-AS1	0.158994762	0.025279334	1.54613E-21
ENSG00000023228	NDUFS1	0.158947932	0.025264445	1.59097E-21
ENSG00000256905	N.A.	0.158939954	0.025261909	1.28193E-22
ENSG00000160218	TRAPPC10	0.158913036	0.025253353	1.30339E-22
ENSG00000155629	PIK3AP1	0.15882129	0.025224202	1.71877E-21
ENSG00000004975	DVL2	0.158782267	0.025211808	1.41278E-22
ENSG00000183291	SELENOF	0.158771407	0.02520836	1.77185E-21
ENSG00000163874	ZC3H12A	0.158768221	0.025207348	1.42506E-22
ENSG00000198642	KLHL9	0.158765036	0.025206337	1.77874E-21
ENSG00000015532	XYLT2	0.158753142	0.02520256	1.43835E-22
ENSG00000232912	RERE-AS1	0.158743978	0.02519965	1.80172E-21
ENSG00000177380	PPFIA3	0.15873458	0.025196667	1.81207E-21

ENSG00000213714	FAM209B	0.158726435	0.025194081	1.82109E-21
ENSG00000113384	GOLPH3	0.158686791	0.025181498	1.47878E-20
ENSG00000183527	PSMG1	0.15867686	0.025178346	1.87694E-21
ENSG0000020633	RUNX3	0.158647842	0.025169138	1.51392E-20
ENSG00000205629	LCMT1	0.15863951	0.025166494	1.54259E-22
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ENSG00000065559	MAP2K4	0.158625587	0.025162077	1.93649E-21
ENSG00000204852	TCTN1	0.158605608	0.025155739	1.55295E-20
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ENSG00000129493	HEATR5A	0.158432881	0.025100978	2.17749E-21
ENSG00000158296	SLC13A3	0.158397671	0.025089822	1.76012E-20
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ENSG00000124635	H2BC11	0.15836484	0.025079422	2.26948E-21
ENSG00000211959	IGHV4-39	0.158338922	0.025071214	1.85573E-22

ENSG00000125686	MED1	0.15833257	0.025069203	1.86299E-22
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ENSG00000145428	RNF175	0.158314117	0.02506336	2.34055E-21
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ENSG00000200714	Y_RNA	0.158265091	0.025047839	1.94181E-22
ENSG00000186130	ZBTB6	0.158236109	0.025038666	1.97667E-22
ENSG00000258512	LINC00239	0.158189779	0.025024006	2.03368E-22
ENSG00000226688	ENTPD1-AS1	0.158162006	0.02501522	2.56714E-21
ENSG00000258521	AL157871.2	0.158134392	0.025006486	2.10398E-22
ENSG00000232613	LINC02576	0.158089176	0.024992187	2.16314E-22
ENSG00000100220	RTCB	0.158084619	0.024990747	2.69062E-21
ENSG00000185507	IRF7	0.15807048	0.024986277	2.7138E-21
ENSG00000132128	LRRC41	0.158037487	0.024975847	2.2328E-22
ENSG00000154767	XPC	0.158026214	0.024972284	2.78768E-21
ENSG00000204291	COL15A1	0.158021317	0.024970737	2.25504E-22

ENSG00000250091	DNAH10OS	0.158018119	0.024969726	2.8014E-21
ENSG00000095970	TREM2	0.157978726	0.024957278	2.31468E-22
ENSG00000133328	PLAAT2	0.157969257	0.024954286	2.32815E-22
ENSG00000160803	UBQLN4	0.157967043	0.024953587	2.88954E-21
ENSG00000110092	CCND1	0.157931658	0.024942409	2.9522E-21
ENSG00000227295	ELL2P1	0.157921802	0.024939295	2.9699E-21
ENSG00000088038	CNOT3	0.157898167	0.024931831	2.43179E-22
ENSG00000204625	HCG9	0.157880873	0.02492637	2.45768E-22
ENSG00000254946	LINC02751	0.15786843	0.024922441	3.06754E-21
ENSG00000162482	AKR7A3	0.157860759	0.024920019	3.08183E-21
ENSG00000155090	KLF10	0.157801515	0.024901318	3.19446E-21
ENSG00000224886	AL132656.1	0.1577954	0.024899388	2.58972E-22
ENSG00000163932	PRKCD	0.157760248	0.024888296	2.64604E-22
ENSG00000238160	LINC02863	0.157738457	0.024881421	2.68155E-22
ENSG00000150455	TIRAP	0.15768354	0.024864099	3.431E-21

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ENSG00000143545	RAB13	0.157601222	0.024838145	2.91633E-22
ENSG00000167522	ANKRD11	0.157589389	0.024834416	3.63213E-21
ENSG00000138755	CXCL9	0.157576086	0.024830223	3.66148E-21
ENSG00000225213	AC073367.1	0.157536816	0.024817848	3.03342E-22
ENSG00000232504	ST3GAL5-AS1	0.157527952	0.024815056	3.04989E-22
ENSG00000060566	CREB3L3	0.157513144	0.02481039	3.07761E-22
ENSG00000105879	CBLL1	0.157500656	0.024806457	3.01489E-20
ENSG00000146007	ZMAT2	0.157490935	0.024803395	3.11965E-22
ENSG00000213719	CLIC1	0.157475222	0.024798446	3.14973E-22
ENSG00000095303	PTGS1	0.157471714	0.024797341	3.89998E-21
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ENSG00000232104	RFX3-AS1	0.157448772	0.024790116	3.20103E-22
ENSG00000176998	HCG4	0.15743771	0.024786632	3.22273E-22

ENSG00000162997	PRORS1P	0.157400229	0.024774832	4.07213E-21
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ENSG00000154359	LONRF1	0.157388256	0.024771063	3.32152E-22
ENSG00000129450	SIGLEC9	0.157380843	0.02476873	1.99956E-19
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ENSG00000117155	SSX2IP	0.157219937	0.024718109	4.54041E-21
ENSG00000182359	KBTBD3	0.157218074	0.024717523	3.68493E-22
ENSG00000057757	PITHD1	0.157153049	0.024697081	4.72737E-21
ENSG00000087338	GMCL1	0.15714421	0.024694303	3.85466E-22
ENSG00000134058	CDK7	0.15710528	0.024682069	3.9472E-22
ENSG00000103353	UBFD1	0.157046948	0.024663744	4.08999E-22
ENSG00000133401	PDZD2	0.157036311	0.024660403	4.11657E-22

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ENSG00000153339	TRAPPC8	0.157018579	0.024654834	4.16127E-22
ENSG00000135404	CD63	0.157004167	0.024650309	4.05533E-20
ENSG00000171475	WIPF2	0.156989805	0.024645799	4.23482E-22
ENSG00000108854	SMURF2	0.156988562	0.024645409	5.22011E-21
ENSG00000145779	TNFAIP8	0.156940973	0.024630469	5.37192E-21
ENSG00000106477	CEP41	0.156936718	0.024629134	4.37391E-22
ENSG00000164684	ZNF704	0.156925987	0.024625765	4.40257E-22
ENSG00000051128	HOMER3	0.156887618	0.024613725	5.54731E-21
ENSG00000187244	BCAM	0.156865447	0.024606768	5.62185E-21
ENSG00000063127	SLC6A16	0.156864285	0.024606404	4.571E-22
ENSG00000091409	ITGA6	0.156862294	0.024605779	4.41304E-20
ENSG00000095794	CREM	0.156842105	0.024599446	4.6331E-22
ENSG00000143772	ITPKB	0.156825975	0.024594386	5.75701E-21

ENSG00000143127	ITGA10	0.156807735	0.024588666	4.73097E-22
ENSG0000011600	TYROBP	0.156801859	0.024586823	4.7479E-22
ENSG00000266124	MIR5587	0.156784732	0.024581452	5.90166E-21
ENSG00000131470	PSMC3IP	0.156783861	0.024581179	5.90476E-21
ENSG00000132294	EFR3A	0.156759484	0.024573536	4.87182E-22
ENSG00000211669	IGLV3-10	0.156745731	0.024569224	6.04176E-21
ENSG0000015153	YAF2	0.156738452	0.024566942	4.93451E-22
ENSG00000075856	SART3	0.156708691	0.024557614	4.83554E-20
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ENSG00000264964	AP001033.1	0.156668172	0.024544916	5.14983E-22
ENSG00000106144	CASP2	0.156667609	0.02454474	4.95517E-20
ENSG00000108587	GOSR1	0.156630256	0.024533037	5.26983E-22
ENSG00000198839	ZNF277	0.156597984	0.024522929	5.37414E-22
ENSG00000107036	RIC1	0.156593194	0.024521429	5.17934E-20

ENSG00000234608	MAPKAPK5-AS1	0.156577645	0.024516559	6.68415E-21
ENSG00000129465	RIPK3	0.1565646	0.024512474	5.26812E-20
ENSG00000237073	AL162727.2	0.156531111	0.024501989	5.59683E-22
ENSG00000232216	IGHV3-43	0.156527633	0.0245009	6.888E-21
ENSG00000132185	FCRLA	0.156518723	0.024498111	6.92496E-21
ENSG00000225218	AP001628.1	0.156517682	0.024497785	6.92929E-21
ENSG00000151490	PTPRO	0.156512695	0.024496224	6.95007E-21
ENSG00000154274	C4orf19	0.156504887	0.02449378	6.98273E-21
ENSG00000230725	AL035252.2	0.156486431	0.024488003	5.51858E-20
ENSG00000177666	PNPLA2	0.156437038	0.024472547	7.27304E-21
ENSG00000196951	SCOC-AS1	0.156427999	0.024469719	7.31261E-21
ENSG00000120688	WBP4	0.156404706	0.024462432	7.41555E-21
ENSG00000158435	CNOT11	0.156400966	0.024461262	6.05672E-22
ENSG00000101443	WFDC2	0.156398021	0.024460341	6.06755E-22
ENSG00000166963	MAP1A	0.156382684	0.024455544	6.12425E-22

ENSG00000134716	CYP2J2	0.156377229	0.024453838	6.14454E-22
ENSG00000198298	ZNF485	0.156365396	0.024450137	6.18879E-22
ENSG00000173436	MICOS10	0.156358536	0.024447992	7.62386E-21
ENSG00000163946	TASOR	0.156353716	0.024446484	6.23278E-22
ENSG00000066136	NFYC	0.156322221	0.024436637	7.79175E-21
ENSG00000196335	STK31	0.156320461	0.024436087	7.79998E-21
ENSG00000141854	MISP3	0.156296385	0.02442856	7.91342E-21
ENSG00000088035	ALG6	0.156269257	0.024420081	8.04319E-21
ENSG00000159882	ZNF230	0.156269093	0.02442003	8.04398E-21
ENSG00000165476	REEP3	0.156261594	0.024417686	8.08023E-21
ENSG00000259315	ACTG1P17	0.156259856	0.024417143	8.08865E-21
ENSG00000168995	SIGLEC7	0.156250403	0.024414188	3.89116E-19
ENSG00000175606	TMEM70	0.156236959	0.024409987	8.20044E-21
ENSG00000066117	SMARCD1	0.156217533	0.024403918	6.76901E-22
ENSG00000109189	USP46	0.156214936	0.024403106	8.30941E-21

ENSG00000187800	PEAR1	0.156205538	0.02440017	6.81838E-22
ENSG00000256683	ZNF350	0.15617576	0.024390868	6.94246E-22
ENSG00000137496	IL18BP	0.156116913	0.02437249	8.81204E-21
ENSG00000180228	PRKRA	0.156108943	0.024370002	8.8542E-21
ENSG00000113812	ACTR8	0.156080478	0.024361115	9.00643E-21
ENSG00000108953	YWHAE	0.156080222	0.024361036	9.0078E-21
ENSG00000162819	BROX	0.156047516	0.024350827	7.5029E-22
ENSG00000053702	NRIP2	0.156034257	0.024346689	9.25914E-21
ENSG00000124942	AHNAK	0.156026662	0.024344319	9.30132E-21
ENSG00000113558	SKP1	0.156012066	0.024339765	9.38294E-21
ENSG00000149716	LTO1	0.155973069	0.024327598	7.84853E-22
ENSG00000106268	NUDT1	0.155957651	0.024322789	9.69351E-21
ENSG00000124145	SDC4	0.155917344	0.024310218	9.93008E-21
ENSG00000139436	GIT2	0.155865365	0.024294012	1.02436E-20
ENSG00000178229	ZNF543	0.155864035	0.024293597	1.02518E-20

ENSG00000105409	ATP1A3	0.155741166	0.024255311	9.0293E-22
ENSG00000179912	R3HDM2	0.155721453	0.024249171	8.68277E-20
ENSG00000148225	WDR31	0.15570987	0.024245564	9.20155E-22
ENSG00000072042	RDH11	0.15568844	0.02423889	9.32137E-22
ENSG00000115947	ORC4	0.155660904	0.024230317	8.99898E-20
ENSG00000234492	RPL34-DT	0.15565328	0.024227943	1.16275E-20
ENSG00000129472	RAB2B	0.155628805	0.024220325	9.66298E-22
ENSG00000157388	CACNA1D	0.155596363	0.024210228	1.20294E-20
ENSG00000163462	TRIM46	0.155478263	0.02417349	1.05814E-21
ENSG00000171219	CDC42BPG	0.155472019	0.024171549	1.06213E-21
ENSG00000168917	SLC35G2	0.155461642	0.024168322	1.06879E-21
ENSG00000142507	PSMB6	0.15545453	0.024166111	1.07339E-21
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ENSG00000146250	PRSS35	0.155432539	0.024159274	1.02974E-19
ENSG00000100938	GMPR2	0.155418505	0.024154912	1.0383E-19

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ENSG00000200204	RNU1-22P	0.155347847	0.024132954	1.14465E-21
ENSG00000266824	AC129492.4	0.155274174	0.024110069	1.45769E-20
ENSG00000084463	WBP11	0.155241093	0.024099797	1.22064E-21
ENSG00000104529	EEF1D	0.155200385	0.02408716	1.1807E-19
ENSG00000233147	N.A.	0.155176961	0.024079889	1.26866E-21
ENSG00000204616	TRIM31	0.155172042	0.024078363	1.27242E-21
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ENSG00000244668	SNRPCP3	0.155105912	0.024057844	1.32406E-21
ENSG00000148346	LCN2	0.155099033	0.02405571	1.32954E-21
ENSG00000235576	LINC01871	0.155068821	0.024046339	1.64719E-20
ENSG00000104368	PLAT	0.155066446	0.024045603	1.35585E-21
ENSG00000270028	N.A.	0.155066443	0.024045602	1.64952E-20

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ENSG00000162889	MAPKAPK2	0.155008616	0.024027671	1.40381E-21
ENSG00000267309	AC092295.2	0.154962842	0.024013483	1.75431E-20
ENSG00000088812	ATRN	0.154962489	0.024013373	1.75468E-20
ENSG00000124743	KLHL31	0.15496011	0.024012636	1.75716E-20
ENSG00000038532	CLEC16A	0.154937702	0.024005691	1.78071E-20
ENSG00000041988	THAP3	0.154923445	0.024001274	1.47751E-21
ENSG00000255122	AC068587.2	0.154920616	0.024000397	1.3919E-19
ENSG00000235027	AC068580.3	0.154920194	0.024000266	1.79933E-20
ENSG00000181126	HLA-V	0.154917979	0.02399958	1.48237E-21
ENSG00000127616	SMARCA4	0.154900233	0.023994082	1.49825E-21
ENSG00000172794	RAB37	0.154810593	0.02396632	1.92035E-20
ENSG00000106692	FKTN	0.154796813	0.023962053	1.93613E-20
ENSG00000162407	PLPP3	0.154795902	0.023961771	1.59509E-21

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ENSG00000231064	THBS3-AS1	0.154708637	0.023934762	1.68082E-21
ENSG00000130734	ATG4D	0.154632476	0.023911203	1.75936E-21
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ENSG00000228789	HCG22	0.154572189	0.023892561	1.82409E-21
ENSG00000205209	SCGB2B2	0.154567407	0.023891083	1.82933E-21
ENSG00000234902	AC007879.3	0.154533378	0.023880565	2.26355E-20
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ENSG00000267554	AC015911.7	0.154504586	0.023871667	1.77678E-19
ENSG00000110876	SELPLG	0.154472689	0.023861812	2.34641E-20
ENSG00000174697	LEP	0.154433368	0.023849665	2.4017E-20
ENSG00000095951	HIVEP1	0.154416416	0.023844429	2.42593E-20
ENSG00000198393	ZNF26	0.154408994	0.023842137	2.01138E-21
ENSG00000100122	CRYBB1	0.154408616	0.023842021	2.01183E-21
ENSG00000100162	CENPM	0.154395249	0.023837893	2.45652E-20

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ENSG00000103047	TANGO6	0.154300202	0.023808552	2.14666E-21
ENSG00000080822	CLDND1	0.154255047	0.023794619	2.66901E-20
ENSG00000225465	RFPL1S	0.154224148	0.023785088	2.71823E-20
ENSG00000163082	SGPP2	0.154179185	0.023771221	2.79146E-20
ENSG00000117308	GALE	0.154176748	0.02377047	2.79548E-20
ENSG00000161958	FGF11	0.154170483	0.023768538	2.80586E-20
ENSG00000053501	USE1	0.154165221	0.023766915	2.8146E-20
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ENSG00000198816	ZNF358	0.154059172	0.023734228	2.30573E-19
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ENSG00000105618	PRPF31	0.153909366	0.023688093	3.2737E-20
ENSG00000125375	DMAC2L	0.153894084	0.023683389	2.736E-21
ENSG00000260792	LINC02280	0.153890017	0.023682137	2.74265E-21
ENSG00000196923	PDLIM7	0.153887654	0.02368141	3.31591E-20
ENSG00000175155	YPEL2	0.153865144	0.023674483	2.78364E-21
ENSG00000241511	RPS15AP24	0.153857076	0.023672	2.79707E-21
ENSG00000163629	PTPN13	0.153841215	0.02366712	2.82365E-21
ENSG00000143942	CHAC2	0.153822212	0.023661273	3.4464E-20
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ENSG00000129128	SPCS3	0.153547767	0.023576917	3.36303E-21
ENSG00000115317	HTRA2	0.153520432	0.023568523	3.41819E-21
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ENSG00000235568	NFAM1	0.153416842	0.023536727	4.37563E-20
ENSG00000224080	UBE2FP1	0.153403338	0.023532584	4.41052E-20
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ENSG00000170275	CRTAP	0.153292475	0.023498583	3.6041E-19
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ENSG00000125843	AP5S1	0.153045046	0.023422786	4.53365E-21

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ENSG00000132604	TERF2	0.152903305	0.023379421	4.93109E-21
ENSG00000089639	GMIP	0.152887843	0.023374692	5.96903E-20
ENSG00000128791	TWSG1	0.152883394	0.023373332	5.98461E-20
ENSG00000110047	EHD1	0.152875942	0.023371054	6.01079E-20
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ENSG00000242766	IGKV1D-17	0.152584575	0.023282052	5.95499E-21
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ENSG00000160877	NACC1	0.152425154	0.023233428	6.54332E-21
ENSG00000134375	TIMM17A	0.152398996	0.023225454	6.64519E-21
ENSG00000109686	SH3D19	0.152397531	0.023225008	6.05237E-19
ENSG00000125726	CD70	0.152382563	0.023220445	8.02164E-20
ENSG00000257605	MYG1-AS1	0.152367534	0.023215865	8.09234E-20
ENSG00000124216	SNAI1	0.152250474	0.023180207	7.25407E-21

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ENSG00000267534	S1PR2	0.15206116	0.023122596	8.11068E-21
ENSG00000188177	ZC3H6	0.152055209	0.023120787	9.70925E-20
ENSG00000120306	CYSTM1	0.152051286	0.023119594	9.73146E-20
ENSG00000135108	FBXO21	0.152046955	0.023118277	8.17885E-21
ENSG00000211701	TRGV1	0.152027979	0.023112506	9.86449E-20
ENSG00000230510	PPP5D1	0.152000177	0.023104054	7.6108E-19
ENSG00000063322	MED29	0.151990181	0.023101015	8.457E-21
ENSG00000108175	ZMIZ1	0.151988909	0.023100628	8.46334E-21
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ENSG00000122376	SHLD2	0.151936206	0.023084611	1.0406E-19
ENSG00000172171	TEFM	0.151922946	0.023080581	1.04866E-19
ENSG00000164654	MIOS	0.151842578	0.023056168	1.09887E-19
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ENSG00000107623	N.A.	0.15179742	0.023042457	8.55259E-19
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ENSG00000173064	HECTD4	0.151662349	0.023001468	1.02559E-20
ENSG00000251393	AC005280.1	0.151654914	0.022999213	1.22555E-19
ENSG00000215156	AC138409.1	0.151636789	0.022993716	1.23852E-19
ENSG00000242247	ARFGAP3	0.151626019	0.02299045	1.2463E-19
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ENSG00000127452	FBXL12	0.15156376	0.022971573	1.29218E-19
ENSG00000198353	HOXC4	0.151549443	0.022967234	1.09592E-20
ENSG00000108270	N.A.	0.151548882	0.022967064	1.30339E-19
ENSG00000235888	AF064858.1	0.151510134	0.022955321	1.33304E-19
ENSG00000233483	EFCAB15P	0.151482343	0.0229469	1.13995E-20
ENSG00000249898	MCPH1-AS1	0.151475864	0.022944937	1.35982E-19
ENSG00000144152	FBLN7	0.151369406	0.022912697	1.44644E-19
ENSG00000129282	N.A.	0.151330162	0.022900818	1.47973E-19
ENSG00000260244	AC104083.1	0.151323768	0.022898883	1.12247E-18
ENSG00000225986	N.A.	0.151306102	0.022893536	1.50051E-19
ENSG00000139517	LN2	0.151291465	0.022889107	1.14345E-18
ENSG00000260719	AC009133.3	0.151287232	0.022887826	1.27816E-20
ENSG00000228329	LINC01890	0.151217297	0.022866671	1.33164E-20

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ENSG00000261302	AC106779.1	0.151187762	0.022857739	1.35488E-20
ENSG00000188981	MSANTD1	0.151173942	0.022853561	1.36589E-20
ENSG00000105248	YJU2	0.151159579	0.022849218	1.63344E-19
ENSG00000061987	MON2	0.151131727	0.022840799	1.66E-19
ENSG00000130958	SLC35D2	0.151072814	0.022822995	1.44921E-20
ENSG00000166897	ELFN2	0.151001005	0.022801303	1.35025E-18
ENSG00000264278	ZNF236-DT	0.150967424	0.022791163	1.82554E-19
ENSG00000244649	LINC02086	0.150967369	0.022791146	1.37647E-18
ENSG00000136732	GYPC	0.15096241	0.022789649	1.54591E-20
ENSG00000138413	IDH1	0.150961464	0.022789364	1.54676E-20
ENSG00000263326	AC133552.4	0.150959449	0.022788755	1.83398E-19
ENSG00000146453	PNLDC1	0.150953209	0.022786871	1.84061E-19
ENSG00000165698	SPACA9	0.150943587	0.022783966	1.85088E-19
ENSG00000156869	FRRS1	0.150923301	0.022777843	1.58167E-20

ENSG00000188825	LINC00910	0.150923256	0.022777829	1.87276E-19
ENSG00000137265	IRF4	0.150895156	0.022769348	1.60791E-20
ENSG00000267439	AD000671.3	0.150877405	0.022763991	1.62468E-20
ENSG00000229052	AL449283.1	0.15086095	0.022759026	1.94143E-19
ENSG00000104814	MAP4K1	0.150802477	0.022741387	2.00813E-19
ENSG00000184956	MUC6	0.150778396	0.022734125	1.72145E-20
ENSG00000169224	GCSAML	0.150777507	0.022733857	1.72234E-20
ENSG00000126500	FLRT1	0.15074879	0.022725198	1.75147E-20
ENSG00000261061	AC092718.3	0.150738458	0.022722083	2.08376E-19
ENSG00000175182	FAM131A	0.150724415	0.022717849	1.77658E-20
ENSG00000104064	GABPB1	0.15071239	0.022714225	1.7891E-20
ENSG00000115762	PLEKHB2	0.150648148	0.022694864	2.19525E-19
ENSG00000211644	IGLV1-51	0.15060557	0.022682038	1.9042E-20
ENSG00000186162	CIDECP1	0.150602682	0.022681168	2.25359E-19
ENSG00000172348	RCAN2	0.150601337	0.022680763	2.25534E-19

ENSG00000148154	UGCG	0.150579725	0.022674254	1.71738E-18
ENSG00000151778	SERP2	0.150561292	0.022668703	1.95402E-20
ENSG00000164934	DCAF13	0.150554406	0.022666629	1.96189E-20
ENSG00000137166	FOXP4	0.150500134	0.02265029	2.02497E-20
ENSG00000129158	SERGEF	0.150483297	0.022645223	2.41417E-19
ENSG00000162129	CLPB	0.150476101	0.022643057	2.4242E-19
ENSG00000239521	CASTOR3	0.150475445	0.02264286	2.42512E-19
ENSG00000246763	RGMB-AS1	0.150468882	0.022640884	2.0622E-20
ENSG00000136938	ANP32B	0.150462991	0.022639112	2.06929E-20
ENSG00000254760	AC008750.1	0.150430401	0.022629306	2.48888E-19
ENSG00000064300	NGFR	0.150425382	0.022627795	2.11515E-20
ENSG00000170631	ZNF16	0.150419397	0.022625995	2.50471E-19
ENSG00000105290	APLP1	0.150416345	0.022625077	2.12632E-20
ENSG00000105221	AKT2	0.150413257	0.022624148	2.51358E-19
ENSG00000186063	AIDA	0.150393141	0.022618097	2.54288E-19

ENSG00000143933	CALM2	0.150383791	0.022615285	1.92017E-18
ENSG00000143878	RHOB	0.150367781	0.02261047	2.18734E-20
ENSG00000197451	HNRNPAB	0.150367407	0.022610357	2.58084E-19
ENSG00000123983	ACSL3	0.150360182	0.022608184	2.5916E-19
ENSG00000110200	ANAPC15	0.150322505	0.022596856	2.64843E-19
ENSG00000211886	TRAJ3	0.150317062	0.022595219	2.25291E-20
ENSG00000162430	SELENON	0.150312812	0.022593941	2.25849E-20
ENSG00000175061	SNHG29	0.150303304	0.022591083	2.67787E-19
ENSG00000259719	LINC02284	0.150286846	0.022586136	2.02908E-18
ENSG00000225578	NCBP2-AS1	0.150284988	0.022585578	2.29538E-20
ENSG00000244119	PDCL3P4	0.150261623	0.022578555	2.74288E-19
ENSG00000172530	BANP	0.15022023	0.022566118	2.80899E-19
ENSG00000166532	RIMKLB	0.150217516	0.022565302	2.81338E-19
ENSG00000163617	CCDC191	0.150195559	0.022558706	2.1372E-18
ENSG00000080802	CNOT4	0.150194777	0.022558471	2.85041E-19

ENSG00000165416	SUGT1	0.150180666	0.022554232	2.43905E-20
ENSG00000197818	SLC9A8	0.15017935	0.022553837	2.87582E-19
ENSG00000254965	C1DP5	0.150161438	0.022548457	2.46649E-20
ENSG00000137500	CCDC90B	0.150153006	0.022545925	2.47862E-20
ENSG00000069329	VPS35	0.150149715	0.022544937	2.48336E-20
ENSG00000186812	ZNF397	0.150106447	0.022531945	2.24822E-18
ENSG00000059915	PSD	0.150082382	0.022524721	3.04069E-19
ENSG00000153404	PLEKHG4B	0.150068883	0.02252067	3.06437E-19
ENSG00000213976	AC010615.1	0.150039157	0.022511749	3.11716E-19
ENSG00000160703	NLRX1	0.150035185	0.022510557	3.12428E-19
ENSG00000234500	AC008267.3	0.150033041	0.022509913	2.65767E-20
ENSG00000113163	CERT1	0.14998575	0.022495725	3.21427E-19
ENSG00000174672	BRSK2	0.14994264	0.022482795	3.29483E-19
ENSG00000211939	N.A.	0.149941477	0.022482446	2.46899E-18
ENSG00000205250	E2F4	0.149923495	0.022477054	3.33124E-19

ENSG00000257151	N.A.	0.149918285	0.022475492	3.34122E-19
ENSG00000124279	FASTKD3	0.149917913	0.022475381	3.34194E-19
ENSG00000177051	FBXO46	0.149906176	0.022471862	3.36453E-19
ENSG00000133393	CEP20	0.149901477	0.022470453	2.86875E-20
ENSG00000258976	AC013451.2	0.149868622	0.022460604	2.924E-20
ENSG00000166529	ZSCAN21	0.149867114	0.022460152	2.92656E-20
ENSG00000106100	NOD1	0.149858722	0.022457637	3.45742E-19
ENSG00000119541	VPS4B	0.149834343	0.02245033	2.98276E-20
ENSG00000162944	RFTN2	0.149830732	0.022449248	3.51339E-19
ENSG00000197536	IRF1-AS1	0.149818812	0.022445676	3.00977E-20
ENSG00000096654	ZNF184	0.149808456	0.022442574	3.02791E-20
ENSG00000226508	LINC01918	0.149779965	0.022434038	3.07838E-20
ENSG00000143786	CNIH3	0.149762536	0.022428817	3.10966E-20
ENSG00000088808	PPP1R13B	0.149745618	0.02242375	3.14033E-20
ENSG00000269783	N.A.	0.149740073	0.022422089	3.7009E-19

ENSG00000250802	ZBED3-AS1	0.149738472	0.02242161	3.7043E-19
ENSG00000136895	GARNL3	0.149702974	0.02241098	3.78045E-19
ENSG00000240207	AC080013.1	0.149681617	0.022404587	3.82701E-19
ENSG00000010322	NISCH	0.149678741	0.022403725	3.83332E-19
ENSG00000137100	DCTN3	0.149657506	0.022397369	3.88025E-19
ENSG00000177731	FLII	0.149644226	0.022393394	3.33049E-20
ENSG00000223547	ZNF844	0.149562958	0.022369079	3.49108E-20
ENSG00000245149	RNF139-AS1	0.149558026	0.022367603	4.10778E-19
ENSG00000078246	TULP3	0.149556935	0.022367277	4.11035E-19
ENSG00000258365	AC073655.2	0.149534291	0.022360504	3.54954E-20
ENSG00000260464	AL049796.1	0.149509483	0.022353085	4.22354E-19
ENSG00000261324	AC010168.2	0.149482046	0.022344882	4.29039E-19
ENSG00000254098	IGKV2-26	0.149441692	0.022332819	3.74504E-20
ENSG00000196177	ACADSB	0.149422607	0.022327115	4.43881E-19
ENSG00000080839	RBL1	0.14941528	0.022324926	4.45746E-19

ENSG00000105492	SIGLEC6	0.1494014	0.022320778	4.49299E-19
ENSG00000189134	NKAPL	0.149396349	0.022319269	3.84462E-20
ENSG00000089486	CDIP1	0.149389708	0.022317285	4.52313E-19
ENSG00000263053	N.A.	0.149367162	0.022310549	3.9101E-20
ENSG00000143952	VPS54	0.149353619	0.022306504	4.61745E-19
ENSG00000233392	UICLM	0.149334136	0.022300684	3.98552E-20
ENSG00000253559	OSGEPL1-AS1	0.14925548	0.022277198	4.17098E-20
ENSG00000178464	RPL10P16	0.149238495	0.022272128	4.9315E-19
ENSG00000117834	SLC5A9	0.149235596	0.022271263	4.93967E-19
ENSG00000186635	ARAP1	0.149227346	0.022268801	4.23936E-20
ENSG00000131187	F12	0.149214496	0.022264966	4.27096E-20
ENSG00000065491	TBC1D22B	0.149200299	0.022260729	4.30615E-20
ENSG00000145741	BTF3	0.149193337	0.022258652	5.06036E-19
ENSG00000268751	SCGB1B2P	0.149186456	0.022256599	5.08029E-19
ENSG00000166908	PIP4K2C	0.149159165	0.022248456	5.16009E-19

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ENSG00000127863	TNFRSF19	0.149114535	0.022235144	5.29325E-19
ENSG00000250771	AC106865.1	0.149096954	0.022229902	4.57105E-20
ENSG00000182308	DCAF4L1	0.149080294	0.022224934	5.39772E-19
ENSG00000230224	PHBP9	0.149073029	0.022222768	4.63463E-20
ENSG00000113249	HAVCR1	0.149051961	0.022216487	5.4857E-19
ENSG00000205791	LOH12CR2	0.149049876	0.022215865	4.697E-20
ENSG00000265511	AC020558.2	0.149035437	0.022211561	5.53766E-19
ENSG00000250848	AC021087.2	0.149031098	0.022210268	4.74819E-20
ENSG00000254275	LINC00824	0.149014953	0.022205456	4.79264E-20
ENSG00000162775	RBM15	0.14900927	0.022203763	4.80839E-20
ENSG00000222041	CYTOR	0.149003583	0.022202068	2.45275E-17
ENSG00000196419	XRCC6	0.149002708	0.022201807	5.64202E-19
ENSG00000132470	ITGB4	0.148978526	0.022194601	5.72037E-19
ENSG00000261819	AC138932.2	0.14897178	0.022192591	5.74242E-19

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ENSG00000151093	OXSM	0.148928526	0.022179706	5.8858E-19
ENSG00000232022	FAAHP1	0.148928314	0.022179643	5.88651E-19
ENSG00000115541	HSPE1	0.148912149	0.022174828	5.0855E-20
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ENSG00000213793	ZNF888	0.148818703	0.022147006	2.71859E-17
ENSG00000007866	TEAD3	0.148804603	0.02214281	5.41079E-20
ENSG00000104722	NEFM	0.148736723	0.022122613	6.5654E-19
ENSG00000150636	CCDC102B	0.148701685	0.022112191	5.74131E-20
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ENSG00000162066	AMDHD2	0.148663044	0.022100701	6.84658E-19
ENSG00000144597	EAF1	0.148598106	0.022081397	7.10424E-19
ENSG00000260269	AC105036.3	0.148592493	0.022079729	6.11379E-20
ENSG00000223834	AL161935.1	0.148467969	0.022042738	6.56778E-20

ENSG00000100453	GZMB	0.1484568	0.022039422	7.69847E-19
ENSG00000161405	IKZF3	0.148453115	0.022038327	6.62411E-20
ENSG00000211672	IGLV4-3	0.148445879	0.022036179	6.65173E-20
ENSG00000111845	PAK1IP1	0.148439491	0.022034283	6.6762E-20
ENSG00000100647	SUSD6	0.148433309	0.022032447	7.8019E-19
ENSG00000132953	XPO4	0.148410212	0.022025591	6.78951E-20
ENSG00000267753	N.A.	0.148398095	0.022021995	7.95953E-19
ENSG00000214719	AC005562.1	0.148387326	0.022018799	8.00836E-19
ENSG00000263818	RDM1P5	0.148381387	0.022017036	6.90291E-20
ENSG00000203804	ADAMTSL4-AS1	0.148365958	0.022012457	8.10613E-19
ENSG00000108946	PRKAR1A	0.148365621	0.022012358	8.10768E-19
ENSG00000234663	LINC01934	0.148363385	0.022011694	8.11798E-19
ENSG00000206044	N.A.	0.148351977	0.022008309	8.17074E-19
ENSG00000118508	RAB32	0.148344863	0.022006198	8.20381E-19
ENSG00000099821	POLRMT	0.148338232	0.022004231	8.23475E-19

ENSG00000198003	CCDC151	0.148335165	0.022003321	7.08869E-20
ENSG00000211772	TRBC2	0.148308896	0.021995529	7.19646E-20
ENSG00000215424	MCM3AP-AS1	0.148307148	0.02199501	8.38134E-19
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ENSG00000111481	COPZ1	0.148219702	0.02196908	7.57461E-20
ENSG00000117010	ZNF684	0.148216853	0.021968236	8.82195E-19
ENSG00000154001	PPP2R5E	0.148212495	0.021966944	8.84379E-19
ENSG00000254952	LINC02705	0.148186738	0.021959309	8.97393E-19
ENSG00000173947	PIFO	0.148162676	0.021952178	7.82659E-20
ENSG00000101444	AHCY	0.148142075	0.021946074	9.2041E-19
ENSG00000131374	TBC1D5	0.148120385	0.021939649	9.31797E-19
ENSG00000102908	NFAT5	0.148097372	0.021932832	9.44031E-19
ENSG00000101187	SLCO4A1	0.148071795	0.021925257	9.57814E-19
ENSG00000158050	DUSP2	0.148058317	0.021921265	8.30937E-20
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ENSG00000136848	DAB2IP	0.147908965	0.021877062	1.05034E-18
ENSG00000157350	ST3GAL2	0.147904353	0.021875697	9.07581E-20
ENSG00000164329	TENT2	0.147903718	0.02187551	1.05346E-18
ENSG00000185614	INKA1	0.147888806	0.021871099	9.15698E-20
ENSG00000250132	AC004803.1	0.147869547	0.021865403	1.07403E-18
ENSG00000145331	TRMT10A	0.147863389	0.021863582	1.07778E-18
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ENSG00000259056	DUXAP1	0.147828066	0.021853137	9.48103E-20
ENSG00000163636	PSMD6	0.147799428	0.021844671	1.11749E-18
ENSG00000108100	CCNY	0.147740081	0.021827131	9.97064E-20
ENSG00000134444	RELCH	0.147723845	0.021822334	1.00637E-19
ENSG00000205746	PKD1P4	0.147705183	0.021816821	8.69484E-18

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ENSG00000269657	N.A.	0.147667764	0.021805769	1.20384E-18
ENSG00000170989	S1PR1	0.147666585	0.02180542	1.03987E-19
ENSG00000140398	NEIL1	0.147642507	0.02179831	1.22114E-18
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ENSG00000214922	HLA-F-AS1	0.147631936	0.021795188	1.06068E-19
ENSG00000132676	DAP3	0.147618826	0.021791318	1.06865E-19
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ENSG00000102780	DGKH	0.147585956	0.021781614	1.08892E-19
ENSG00000188352	FOCAD	0.147582384	0.02178056	1.26333E-18
ENSG00000163374	YY1AP1	0.147560303	0.021774043	1.105E-19
ENSG00000105639	JAK3	0.147508615	0.021758791	1.31705E-18
ENSG00000132825	PPP1R3D	0.147449787	0.02174144	1.3615E-18
ENSG00000121542	SEC22A	0.147441357	0.021738954	1.18268E-19

ENSG00000149599	DUSP15	0.147394441	0.021725121	1.40468E-18
ENSG00000138660	AP1AR	0.147380819	0.021721106	1.41551E-18
ENSG00000237638	LINC02245	0.147380383	0.021720977	1.22456E-19
ENSG00000139826	ABHD13	0.147372759	0.02171873	1.42196E-18
ENSG00000151092	NGLY1	0.14726419	0.021686742	1.51169E-18
ENSG00000202461	Y_RNA	0.147262532	0.021686253	1.30972E-19
ENSG00000267365	KCNJ2-AS1	0.147224252	0.02167498	1.33862E-19
ENSG00000240583	AQP1	0.147218229	0.021673207	1.34322E-19
ENSG00000127325	BEST3	0.147187431	0.02166414	1.57849E-18
ENSG00000140987	ZSCAN32	0.147148051	0.021652549	1.61388E-18
ENSG00000183655	KLHL25	0.147138638	0.021649779	1.40555E-19
ENSG00000204397	CARD16	0.147131043	0.021647544	1.6294E-18
ENSG00000105889	STEAP1B	0.147121269	0.021644668	1.20386E-17
ENSG00000269388	AC018755.3	0.147113212	0.021642297	1.64584E-18
ENSG00000214700	C12orf71	0.147105139	0.021639922	1.65333E-18

ENSG00000228399	AL109741.2	0.147085874	0.021634254	1.44843E-19
ENSG00000206418	RAB12	0.14704576	0.021622455	1.70951E-18
ENSG00000117475	BLZF1	0.147026188	0.0216167	1.72843E-18
ENSG00000185359	HGS	0.147008042	0.021611364	1.74616E-18
ENSG00000268030	AC005253.1	0.146995421	0.021607654	1.52498E-19
ENSG00000014914	MTMR11	0.146961604	0.021597713	1.79236E-18
ENSG00000167216	KATNAL2	0.146934435	0.021589728	1.81994E-18
ENSG00000188687	SLC4A5	0.146898595	0.021579197	1.61134E-19
ENSG00000167634	NLRP7	0.146844663	0.021563355	1.91411E-18
ENSG00000130227	XPO7	0.146842965	0.021562856	1.66313E-19
ENSG00000146232	NFKBIE	0.146832341	0.021559736	1.9274E-18
ENSG00000100836	PABPN1	0.146822578	0.02155687	1.938E-18
ENSG00000185624	P4HB	0.146820275	0.021556193	1.68472E-19
ENSG00000134516	DOCK2	0.146813971	0.021554342	1.42792E-17
ENSG00000189136	UBE2Q2P1	0.146789399	0.021547128	1.97445E-18

ENSG00000186687	LYRM7	0.146761485	0.021538934	2.00564E-18
ENSG00000099804	CDC34	0.146741435	0.021533049	1.76192E-19
ENSG00000250415	AC022113.1	0.146711682	0.021524318	1.79196E-19
ENSG00000234476	LINC02765	0.146691844	0.021518497	2.08559E-18
ENSG00000206337	HCP5	0.146685313	0.021516581	1.819E-19
ENSG00000116138	DNAJC16	0.146684738	0.021516412	1.81959E-19
ENSG00000250982	GAPDHP35	0.146659414	0.021508984	2.12388E-18
ENSG00000107443	CCNJ	0.146653411	0.021507223	2.13105E-18
ENSG00000170445	HARS1	0.146647023	0.021505349	1.85898E-19
ENSG00000010704	HFE	0.146644729	0.021504676	2.14145E-18
ENSG00000132204	LINC00470	0.146637166	0.021502459	1.86941E-19
ENSG00000162980	ARL5A	0.146637062	0.021502428	2.15068E-18
ENSG00000179152	TCAIM	0.146632961	0.021501225	1.87388E-19
ENSG00000197846	N.A.	0.146598214	0.021491036	2.19806E-18
ENSG00000246859	STARD4-AS1	0.146575944	0.021484507	1.93552E-19

ENSG00000159873	CCDC117	0.146572202	0.02148341	2.23035E-18
ENSG00000266638	N.A.	0.146567822	0.021482126	2.23583E-18
ENSG00000112232	KHDRBS2	0.146555332	0.021478465	1.95829E-19
ENSG00000107338	SHB	0.146519004	0.021467819	1.99907E-19
ENSG00000169221	TBC1D10B	0.146513208	0.02146612	2.00565E-19
ENSG00000196531	NACA	0.146511096	0.021465501	2.00806E-19
ENSG00000160539	PLPP7	0.146471381	0.021453866	2.0538E-19
ENSG00000148634	HERC4	0.146466595	0.021452464	2.36635E-18
ENSG00000170835	CEL	0.146405918	0.021434693	2.13146E-19
ENSG00000118096	IFT46	0.146385594	0.021428742	2.47617E-18
ENSG00000124795	DEK	0.146360357	0.021421354	2.18721E-19
ENSG00000168040	FADD	0.14632403	0.021410722	2.563E-18
ENSG00000189308	LIN54	0.146309188	0.021406378	2.25155E-19
ENSG00000229127	KANSL1L-AS1	0.146299147	0.02140344	2.26439E-19
ENSG00000058799	YIPF1	0.146286425	0.021399718	2.6175E-18

ENSG00000256383	N.A.	0.146237859	0.021385511	2.34436E-19
ENSG00000143971	ETAA1	0.146228359	0.021382733	2.70392E-18
ENSG00000149182	ARFGAP2	0.146184606	0.021369939	2.77089E-18
ENSG00000125319	HROB	0.146176706	0.021367629	2.42693E-19
ENSG00000083520	DIS3	0.146172744	0.021366471	2.43237E-19
ENSG00000188760	TMEM198	0.14615458	0.021361161	2.8178E-18
ENSG00000264885	N.A.	0.146109541	0.021347998	2.52093E-19
ENSG00000113272	THG1L	0.146105246	0.021346743	2.89658E-18
ENSG00000112699	GMDS	0.146091513	0.02134273	2.12976E-17
ENSG00000189013	KIR2DL4	0.146086849	0.021341367	2.13525E-17
ENSG00000203392	AC105020.1	0.146085577	0.021340996	2.92859E-18
ENSG00000129255	MPDU1	0.14606766	0.021335761	2.58135E-19
ENSG00000087053	MTMR2	0.146053844	0.021331725	2.98097E-18
ENSG00000118894	EEF2KMT	0.146051806	0.02133113	2.17694E-17
ENSG00000151287	TEX30	0.146046071	0.021329455	2.99394E-18

ENSG00000145908	ZNF300	0.146040528	0.021327836	2.62126E-19
ENSG00000259891	AC107375.1	0.146021874	0.021322388	3.03467E-18
ENSG00000135144	DTX1	0.146008785	0.021318565	3.05694E-18
ENSG00000071205	ARHGAP10	0.145983998	0.021311328	2.70637E-19
ENSG00000136237	RAPGEF5	0.145968172	0.021306707	2.27972E-17
ENSG00000227799	CDPF1P1	0.145965886	0.02130604	2.2826E-17
ENSG00000201544	SNORA16B	0.145953703	0.021302484	2.7531E-19
ENSG00000203288	TDRKH-AS1	0.145948953	0.021301097	2.7605E-19
ENSG00000223473	N.A.	0.145945369	0.021300051	3.16711E-18
ENSG00000179029	TMEM107	0.14592217	0.02129328	2.80259E-19
ENSG00000158545	ZC3H18	0.145897901	0.021286198	3.25212E-18
ENSG00000167674	HDGFL2	0.145897359	0.021286039	2.84214E-19
ENSG00000100207	TCF20	0.145896756	0.021285864	3.2542E-18
ENSG00000235078	AC231981.1	0.145871951	0.021278626	2.4039E-17
ENSG00000246214	AC024588.1	0.145865734	0.021276812	3.31101E-18

ENSG00000180914	OXTR	0.145853558	0.02127326	2.42839E-17
ENSG00000196449	YRDC	0.145792239	0.021255377	3.01593E-19
ENSG00000140284	SLC27A2	0.145767495	0.021248163	3.49746E-18
ENSG00000134440	NARS1	0.145721445	0.02123474	3.58839E-18
ENSG00000175513	TSGA10IP	0.145674648	0.021221103	3.2228E-19
ENSG00000244486	SCARF2	0.145664803	0.021218235	3.70344E-18
ENSG00000211779	TRAV5	0.145646441	0.021212886	3.74151E-18
ENSG00000117560	FASLG	0.145632356	0.021208783	3.77098E-18
ENSG00000140830	TXNL4B	0.145598808	0.021199013	2.79394E-17
ENSG00000087269	NOP14	0.145595708	0.02119811	3.84872E-18
ENSG00000177156	TALDO1	0.145570296	0.021190711	3.41807E-19
ENSG00000171862	PTEN	0.145566279	0.021189542	3.9123E-18
ENSG00000228251	AC012442.1	0.14550253	0.021170986	4.05359E-18
ENSG00000261408	TEN1-CDK3	0.145467338	0.021160746	4.13373E-18
ENSG00000160097	FNDC5	0.145442999	0.021153666	4.19007E-18

ENSG00000197935	ZNF311	0.145428888	0.021149561	4.22309E-18
ENSG00000119616	FCF1	0.14541872	0.021146604	3.72269E-19
ENSG00000137936	BCAR3	0.145410178	0.02114412	4.26725E-18
ENSG00000171456	ASXL1	0.145350655	0.021126813	4.41081E-18
ENSG00000007968	E2F2	0.145325158	0.021119401	3.24719E-17
ENSG00000179630	LACC1	0.145305996	0.021113832	4.52165E-18
ENSG00000163683	SMIM14	0.145304822	0.021113491	4.5246E-18
ENSG00000176105	YES1	0.14530152	0.021112532	4.53291E-18
ENSG00000257345	LINC02413	0.145299485	0.02111194	4.53803E-18
ENSG00000113328	CCNG1	0.145291862	0.021109725	3.99813E-19
ENSG00000180628	PCGF5	0.145290441	0.021109312	4.56089E-18
ENSG00000184979	USP18	0.145265613	0.021102098	4.05758E-19
ENSG00000099875	MKNK2	0.145210487	0.021086085	4.76799E-18
ENSG00000103043	VAC14	0.145204105	0.021084232	4.78491E-18
ENSG00000121848	N.A.	0.145185288	0.021078768	4.24501E-19

ENSG00000162373	BEND5	0.145165743	0.021073093	4.29189E-19
ENSG00000254777	AC022182.1	0.145129728	0.021062638	4.98658E-18
ENSG00000235820	AL109935.1	0.145121948	0.02106038	5.00816E-18
ENSG00000055208	TAB2	0.145083099	0.021049106	4.49584E-19
ENSG00000135414	GDF11	0.145076563	0.021047209	4.51237E-19
ENSG00000243015	RN7SL737P	0.145043412	0.021037591	3.78959E-17
ENSG00000203602	N.A.	0.144940593	0.021007776	4.87024E-19
ENSG00000223254	Y_RNA	0.144850976	0.020981805	5.12129E-19
ENSG00000110400	NECTIN1	0.144850549	0.020981681	5.82125E-18
ENSG00000216331	H1-12P	0.144833483	0.020976738	5.17176E-19
ENSG00000183475	ASB7	0.144812394	0.020970629	5.23327E-19
ENSG00000113296	THBS4	0.144783468	0.020962253	4.36882E-17
ENSG00000105732	ZNF574	0.144780329	0.020961344	5.32817E-19
ENSG00000091972	CD200	0.144780046	0.020961262	5.32901E-19
ENSG00000108010	GLRX3	0.144765098	0.020956934	5.37384E-19

ENSG00000242288	BMS1P4-AGAP5	0.144759961	0.020955446	5.38933E-19
ENSG00000262678	AC004771.4	0.144723999	0.020945036	5.49901E-19
ENSG00000127920	GNG11	0.144700676	0.020938286	5.57132E-19
ENSG00000118454	ANKRD13C	0.144690683	0.020935394	5.60259E-19
ENSG00000196544	BORCS6	0.144689793	0.020935136	6.36293E-18
ENSG00000175063	UBE2C	0.14468725	0.0209344	5.61338E-19
ENSG00000233154	LINC01762	0.144601934	0.020909719	6.6797E-18
ENSG00000061794	MRPS35	0.144552081	0.020895304	6.05459E-19
ENSG00000135503	ACVR1B	0.144541947	0.020892374	6.08901E-19
ENSG00000183864	TOB2	0.144541204	0.02089216	4.98686E-17
ENSG00000118640	VAMP8	0.144531488	0.020889351	6.94489E-18
ENSG00000154118	JPH3	0.144490563	0.020877523	7.10369E-18
ENSG00000142065	ZFP14	0.144485227	0.020875981	6.28529E-19
ENSG00000251595	ABCA11P	0.14447507	0.020873046	7.16474E-18
ENSG00000260193	LINC02846	0.144474364	0.020872842	7.16753E-18

ENSG00000161526	SAP30BP	0.14443176	0.020860533	6.47603E-19
ENSG0000078808	SDF4	0.144418459	0.020856691	6.52436E-19
ENSG0000094916	CBX5	0.144408311	0.02085376	6.56147E-19
ENSG00000186105	LRRC70	0.144407229	0.020853448	7.43822E-18
ENSG00000189266	PNRC2	0.144389587	0.020848353	6.6305E-19
ENSG00000160932	LY6E	0.144389482	0.020848323	6.63089E-19
ENSG0000087237	CETP	0.144388741	0.020848108	7.51451E-18
ENSG00000221164	SNORA11F	0.144385245	0.020847099	6.64661E-19
ENSG00000228476	CSTP1	0.144369528	0.02084256	7.59462E-18
ENSG00000228852	AC092802.2	0.144346269	0.020835845	6.79295E-19
ENSG00000100918	REC8	0.144331892	0.020831695	7.75399E-18
ENSG00000235204	AL162724.2	0.14432592	0.020829971	6.87061E-19
ENSG00000124134	KCNS1	0.144303474	0.020823493	6.9573E-19
ENSG00000169105	CHST14	0.144287046	0.020818752	7.02142E-19
ENSG0000083454	P2RX5	0.144276811	0.020815798	7.9932E-18

ENSG00000266208	AC080112.1	0.14426232	0.020811617	8.05733E-18
ENSG00000131473	ACLY	0.144229791	0.020802232	8.20316E-18
ENSG00000259287	AC010809.1	0.144207749	0.020795875	7.33926E-19
ENSG00000176142	TMEM39A	0.144207466	0.020795793	8.30474E-18
ENSG00000109971	HSPA8	0.144185818	0.02078955	7.42964E-19
ENSG00000158560	DYNC111	0.14418059	0.020788042	7.45135E-19
ENSG00000221963	APOL6	0.144132861	0.020774282	8.65329E-18
ENSG00000233822	H2BC15	0.14406937	0.020755984	7.92827E-19
ENSG00000075035	WSCD2	0.144053847	0.020751511	9.03819E-18
ENSG00000160953	PWWP3A	0.144051986	0.020750975	9.04745E-18
ENSG00000111142	METAP2	0.144033566	0.020745668	8.08813E-19
ENSG00000229036	VDAC1P8	0.14400234	0.020736674	8.23013E-19
ENSG00000141098	GFOD2	0.143963339	0.020725443	8.41097E-19
ENSG00000118242	MREG	0.143945054	0.020720179	9.59592E-18
ENSG00000100138	SNU13	0.143934334	0.020717093	8.54798E-19

ENSG0000027001	MIPEP	0.143926879	0.020714946	9.69236E-18
ENSG00000168298	H1-4	0.143808261	0.020680816	1.03456E-17
ENSG00000211952	IGHV4-28	0.143791584	0.02067602	9.25512E-19
ENSG00000130382	MLLT1	0.143791434	0.020675976	9.2559E-19
ENSG00000171502	COL24A1	0.143784886	0.020674093	1.04794E-17
ENSG00000144713	RPL32	0.14375754	0.02066623	9.43212E-19
ENSG00000203644	AC083799.1	0.143697166	0.020648875	9.75426E-19
ENSG00000181045	SLC26A11	0.14368211	0.020644549	9.83627E-19
ENSG00000107447	DNTT	0.143603584	0.020621989	1.02752E-18
ENSG00000119285	HEATR1	0.143599605	0.020620846	1.02979E-18
ENSG00000221025	MIR1250	0.143582826	0.020616028	1.17091E-17
ENSG00000171295	ZNF440	0.143579834	0.020615169	1.17284E-17
ENSG00000132570	PCBD2	0.14352518	0.020599477	1.07327E-18
ENSG00000117139	KDM5B	0.143431604	0.020572625	1.27217E-17
ENSG00000173597	SULT1B1	0.143427624	0.020571483	1.13301E-18

ENSG00000258301	VASH1-AS1	0.143408463	0.020565987	1.28841E-17
ENSG00000174501	ANKRD36C	0.143394405	0.020561955	1.15409E-18
ENSG00000129667	RHBDF2	0.143391612	0.020561154	1.30036E-17
ENSG00000215475	SIAH3	0.143379384	0.020557648	1.16375E-18
ENSG00000227508	LINC01624	0.143375362	0.020556495	1.31199E-17
ENSG00000116455	WDR77	0.143365987	0.020553806	1.31874E-17
ENSG00000174996	KLC2	0.143270543	0.020526448	1.38951E-17
ENSG00000262820	N.A.	0.143267265	0.020525509	1.23842E-18
ENSG00000120709	FAM53C	0.143261837	0.020523954	9.99032E-17
ENSG00000159210	SNF8	0.143260215	0.020523489	1.24327E-18
ENSG00000187522	HSPA14	0.143249023	0.020520282	1.25101E-18
ENSG00000132780	NASP	0.143244699	0.020519044	1.25401E-18
ENSG00000185689	C6orf201	0.143195431	0.020504931	1.28873E-18
ENSG00000213015	ZNF580	0.143145581	0.020490657	1.32482E-18
ENSG00000211652	IGLV7-43	0.143136358	0.020488017	1.06911E-16

ENSG00000260977	N.A.	0.143132676	0.020486963	1.4984E-17
ENSG00000261442	AC023830.1	0.143082731	0.020472668	1.53989E-17
ENSG00000185271	KLHL33	0.143080861	0.020472133	1.54147E-17
ENSG00000137571	SLCO5A1	0.143000234	0.020449067	1.61092E-17
ENSG00000007264	MATK	0.142993367	0.020447103	1.15488E-16
ENSG00000138670	RASGEF1B	0.142986964	0.020445272	1.62264E-17
ENSG00000185236	RAB11B	0.142963858	0.020438665	1.46503E-18
ENSG00000246223	LINC01550	0.142963257	0.020438493	1.64379E-17
ENSG00000164050	PLXNB1	0.14296309	0.020438445	1.46566E-18
ENSG00000241525	AC141424.1	0.142920262	0.020426201	1.68285E-17
ENSG00000182108	DEXI	0.142905288	0.020421921	1.21106E-16
ENSG00000215790	SLC35E2A	0.142894063	0.020418713	1.7071E-17
ENSG00000205138	SDHAF1	0.142888297	0.020417066	1.52756E-18
ENSG00000066739	ATG2B	0.142840947	0.020403536	1.56808E-18
ENSG00000122497	N.A.	0.142812144	0.020395309	1.78516E-17

ENSG00000223823	LINC01342	0.142775627	0.02038488	1.62571E-18
ENSG00000211665	IGLV3-16	0.142772682	0.020384039	1.82401E-17
ENSG00000183977	PP2D1	0.1427718	0.020383787	1.62916E-18
ENSG00000231234	SKP1P1	0.142766831	0.020382368	1.82985E-17
ENSG00000108773	KAT2A	0.142734637	0.020373176	1.66295E-18
ENSG00000180667	YOD1	0.142720701	0.020369199	1.6758E-18
ENSG00000179314	WSCD1	0.142603287	0.020335697	1.78802E-18
ENSG00000153250	RBMS1	0.142590637	0.02033209	2.01432E-17
ENSG00000267025	N.A.	0.142588122	0.020331372	1.80304E-18
ENSG00000254481	PTP4A2P2	0.142567452	0.020325478	1.82372E-18
ENSG00000250569	NTAN1P2	0.142531959	0.020315359	2.07974E-17
ENSG00000154370	TRIM11	0.142514729	0.020310448	2.09935E-17
ENSG00000186765	FSCN2	0.142440745	0.020289366	1.95571E-18
ENSG00000118960	HS1BP3	0.142438557	0.020288742	2.18822E-17
ENSG00000204256	BRD2	0.142424955	0.020284868	1.9728E-18

ENSG0000048740	CELF2	0.142400589	0.020277928	2.2339E-17
ENSG00000242689	CNTF	0.142399155	0.020277519	2.00105E-18
ENSG00000113811	SELENOK	0.142366046	0.020268091	2.03789E-18
ENSG00000159082	SYNJ1	0.14235764	0.020265698	2.2867E-17
ENSG00000244187	TMEM141	0.142321427	0.020255388	2.33218E-17
ENSG00000026751	SLAMF7	0.142302083	0.020249883	2.11096E-18
ENSG00000100027	YPEL1	0.14229362	0.020247474	2.3677E-17
ENSG00000204778	CBWD4P	0.14228766	0.020245778	2.37539E-17
ENSG00000147437	GNRH1	0.142284706	0.020244938	1.6909E-16
ENSG00000267002	AC060780.1	0.142262195	0.020238532	2.15783E-18
ENSG00000229117	RPL41	0.14223817	0.020231697	2.18656E-18
ENSG00000231443	AC124944.1	0.142162659	0.020210222	2.27932E-18
ENSG00000123342	MMP19	0.142150259	0.020206696	2.29492E-18
ENSG00000267117	AC010525.1	0.142127202	0.020200142	2.32421E-18
ENSG00000065833	ME1	0.142124989	0.020199513	2.59486E-17

ENSG00000125870	SNRPB2	0.142112559	0.020195979	1.85442E-16
ENSG00000196405	EVL	0.142084893	0.020188117	2.65196E-17
ENSG00000205838	TTC23L	0.142079718	0.020186646	2.38569E-18
ENSG00000253986	AC104561.3	0.142075198	0.020185362	2.39163E-18
ENSG0000023572	GLRX2	0.142014236	0.020168043	2.47312E-18
ENSG00000254783	AP003084.1	0.141976197	0.02015724	2.52535E-18
ENSG00000188596	CFAP54	0.141970959	0.020155753	2.82107E-17
ENSG00000174173	TRMT10C	0.141963829	0.020153729	2.54257E-18
ENSG00000171428	NAT1	0.141960332	0.020152736	2.83737E-17
ENSG00000164687	FABP5	0.141940932	0.020147228	2.57475E-18
ENSG00000187605	TET3	0.141919104	0.020141032	2.90151E-17
ENSG00000241721	SUMO1P1	0.141911758	0.020138947	2.61633E-18
ENSG00000050730	TNIP3	0.141904037	0.020136756	2.62745E-18
ENSG00000259207	ITGB3	0.141892225	0.020133403	2.9441E-17
ENSG00000100902	PSMA6	0.141884168	0.020131117	2.95698E-17

ENSG00000255741	AP000808.1	0.141845911	0.020120262	2.71264E-18
ENSG00000101343	CRNKL1	0.141787326	0.020103646	3.11627E-17
ENSG00000105323	HNRNPUL1	0.141781617	0.020102027	3.12592E-17
ENSG00000246334	PRR7-AS1	0.141753627	0.020094091	3.17366E-17
ENSG00000109458	GAB1	0.141744278	0.02009144	3.18977E-17
ENSG00000003400	CASP10	0.141744184	0.020091414	2.86834E-18
ENSG00000127311	HELB	0.141720498	0.020084699	3.2311E-17
ENSG00000253846	PCDHGA10	0.141689224	0.020075836	3.28626E-17
ENSG00000047315	POLR2B	0.141644224	0.020063086	3.02992E-18
ENSG00000043093	DCUN1D1	0.141626671	0.020058114	3.05921E-18
ENSG0000013306	SLC25A39	0.141619852	0.020056183	3.07066E-18
ENSG00000267383	AC011447.3	0.141617137	0.020055414	2.41711E-16
ENSG00000268201	AC020915.1	0.141616268	0.020055167	3.0767E-18
ENSG00000204227	RING1	0.141588285	0.020047243	3.47071E-17
ENSG00000171604	CXXC5	0.141573955	0.020043185	3.14885E-18

ENSG00000248712	CCDC153	0.141566718	0.020041136	3.51142E-17
ENSG0000080031	PTPRH	0.141551702	0.020036884	3.54005E-17
ENSG00000240616	RPS6P25	0.141540762	0.020033787	3.20662E-18
ENSG00000184678	H2BC21	0.141539135	0.020033327	3.20948E-18
ENSG00000099622	CIRBP	0.14153119	0.020031078	3.22348E-18
ENSG00000263916	AC100778.2	0.141481611	0.020017046	2.59839E-16
ENSG00000183347	GBP6	0.141460673	0.020011122	3.35036E-18
ENSG00000013583	HEBP1	0.141330559	0.019974327	3.98926E-17
ENSG00000105641	SLC5A5	0.141320185	0.019971395	3.618E-18
ENSG00000138448	ITGAV	0.141308343	0.019968048	4.03739E-17
ENSG00000164116	GUCY1A1	0.141304769	0.019967038	4.04518E-17
ENSG00000248714	AC091180.2	0.141287832	0.019962252	4.08232E-17
ENSG00000260793	AC003102.1	0.141244083	0.019949891	4.17983E-17
ENSG00000062598	ELMO2	0.14124108	0.019949043	3.77788E-18
ENSG00000262823	AC127521.1	0.141230725	0.019946118	4.21006E-17

ENSG00000261560	AC007216.3	0.1412027	0.019938202	3.85794E-18
ENSG00000231074	HCG18	0.141199568	0.019937318	3.86455E-18
ENSG00000238528	N.A.	0.141155314	0.019924823	3.95911E-18
ENSG00000163710	PCOLCE2	0.141127235	0.019916896	4.45165E-17
ENSG00000106526	ACTR3C	0.141127233	0.019916896	4.02028E-18
ENSG00000126773	PCNX4	0.141100843	0.019909448	4.07863E-18
ENSG00000224614	TNK2-AS1	0.141099958	0.019909198	3.18405E-16
ENSG00000126216	TUBGCP3	0.141086535	0.01990541	4.55037E-17
ENSG00000112651	MRPL2	0.14106936	0.019900564	4.14932E-18
ENSG00000102893	PHKB	0.141066229	0.019899681	4.60043E-17
ENSG00000163923	RPL39L	0.141062853	0.019898729	4.16409E-18
ENSG00000175356	SCUBE2	0.141050428	0.019895223	4.63975E-17
ENSG00000154114	TBCEL	0.141037641	0.019891616	4.22178E-18
ENSG00000245148	ARAP1-AS2	0.14102128	0.019887001	4.25963E-18
ENSG00000163219	ARHGAP25	0.141017986	0.019886072	4.2673E-18

ENSG00000132478	UNK	0.141012254	0.019884456	4.28066E-18
ENSG00000160345	C9orf116	0.140985744	0.01987698	4.34302E-18
ENSG00000170006	TMEM154	0.140943374	0.019865035	4.91506E-17
ENSG00000248290	TNXA	0.140926243	0.019860206	4.96059E-17
ENSG00000223878	PPIAP53	0.140924308	0.019859661	4.49099E-18
ENSG00000162571	TLL10	0.140906316	0.01985459	4.53526E-18
ENSG00000264575	LINC00526	0.140902274	0.019853451	5.02499E-17
ENSG00000179978	NAIPP2	0.14088938	0.019849818	3.56104E-16
ENSG00000010810	FYN	0.140868609	0.019843965	5.11683E-17
ENSG00000119844	AFTPH	0.14080156	0.019825079	4.8017E-18
ENSG00000228705	LINC00659	0.140786584	0.019820862	4.84103E-18
ENSG00000232539	LINC00945	0.14077938	0.019818834	4.86006E-18
ENSG00000259628	AC007000.3	0.140771305	0.01981656	4.88148E-18
ENSG00000095370	SH2D3C	0.140758703	0.019813013	4.9151E-18
ENSG00000179934	CCR8	0.140733603	0.019805947	4.98274E-18

ENSG00000163785	RYK	0.140692717	0.019794441	5.62429E-17
ENSG00000121957	GPSM2	0.140650501	0.019782563	5.2133E-18
ENSG00000253719	ATXN7L3B	0.140642561	0.01978033	5.23587E-18
ENSG00000207554	MIR647	0.140636752	0.019778696	5.79593E-17
ENSG00000183318	SPDYE4	0.14061876	0.019773636	5.85219E-17
ENSG00000179397	CATSPERE	0.140612861	0.019771977	5.87076E-17
ENSG00000180089	TMEM86B	0.140551563	0.019754742	5.50156E-18
ENSG00000068137	PLEKHH3	0.140534091	0.019749831	5.55407E-18
ENSG00000167658	EEF2	0.140532525	0.01974939	6.12946E-17
ENSG00000147485	PXDNL	0.140530285	0.019748761	6.13683E-17
ENSG00000184281	TSSC4	0.14052603	0.019747565	4.31768E-16
ENSG00000136159	NUDT15	0.140524058	0.019747011	6.15737E-17
ENSG00000119535	CSF3R	0.140504096	0.019741401	6.22367E-17
ENSG00000155307	SAMSN1	0.1404683	0.019731343	6.34433E-17
ENSG00000157343	ARMC12	0.140466404	0.019730811	6.35078E-17

ENSG0000034152	MAP2K3	0.140448161	0.019725686	5.81963E-18
ENSG00000213533	STIMATE	0.14044752	0.019725506	5.82166E-18
ENSG00000129518	EAPP	0.140423708	0.019718818	5.89746E-18
ENSG00000152464	RPP38	0.140419012	0.019717499	6.51426E-17
ENSG00000142528	ZNF473	0.140415959	0.019716642	5.92234E-18
ENSG00000225241	N.A.	0.140408148	0.019714448	5.94752E-18
ENSG00000172164	SNTB1	0.140399377	0.019711985	4.61702E-16
ENSG00000182149	IST1	0.140375186	0.019705193	6.05496E-18
ENSG00000107872	FBXL15	0.140364697	0.019702248	6.08955E-18
ENSG00000104897	SF3A2	0.140347426	0.0196974	6.14693E-18
ENSG00000111445	RFC5	0.140342955	0.019696145	6.78531E-17
ENSG00000135083	CCNJL	0.140311894	0.019687427	6.26665E-18
ENSG00000115234	SNX17	0.140274755	0.019677007	7.0378E-17
ENSG00000126882	FAM78A	0.140254304	0.01967127	7.11531E-17
ENSG00000151914	DST	0.140244811	0.019668607	7.15157E-17

ENSG00000257122	RRN3P3	0.14023141	0.019664848	7.20307E-17
ENSG00000135336	ORC3	0.140229704	0.01966437	7.20965E-17
ENSG00000112293	GPLD1	0.140208595	0.01965845	7.29159E-17
ENSG00000138166	DUSP5	0.140190751	0.019653447	7.36157E-17
ENSG00000135747	ZNF670-ZNF695	0.140091295	0.019625571	7.76393E-17
ENSG00000213160	KLHL23	0.140072102	0.019620194	7.13701E-18
ENSG00000234231	ANAPC1P4	0.140049777	0.01961394	5.55358E-16
ENSG00000048649	RSF1	0.140049274	0.019613799	7.22584E-18
ENSG00000187838	PLSCR3	0.140048883	0.01961369	7.22737E-18
ENSG00000207248	RNU6-1005P	0.140019741	0.019605528	8.06674E-17
ENSG00000143321	HDGF	0.140012332	0.019603453	8.09875E-17
ENSG00000250021	ARPIN-AP3S2	0.140005913	0.019601656	7.39757E-18
ENSG00000101473	ACOT8	0.139962967	0.019589632	7.57164E-18
ENSG00000160049	DFFA	0.13994792	0.01958542	7.63357E-18
ENSG00000268049	AC012313.2	0.13994165	0.019583665	7.65953E-18

ENSG00000215193	PEX26	0.139889704	0.019569129	8.64715E-17
ENSG00000203730	TEDDM1	0.139870942	0.01956388	7.95833E-18
ENSG00000255670	AC007619.1	0.13984961	0.019557913	8.05072E-18
ENSG00000139133	ALG10	0.139827037	0.0195516	8.14963E-18
ENSG00000237169	RPL12P27	0.1397908	0.019541468	6.36583E-16
ENSG00000135048	CEMIP2	0.13978152	0.019538873	9.16126E-17
ENSG00000025796	SEC63	0.139776012	0.019537334	8.37765E-18
ENSG00000120896	SORBS3	0.139760032	0.019532866	9.2669E-17
ENSG00000071243	ING3	0.139750091	0.019530088	8.49589E-18
ENSG00000263033	AC007220.1	0.139736487	0.019526286	8.5586E-18
ENSG00000172660	N.A.	0.139727951	0.0195239	9.42687E-17
ENSG00000249092	PPIAP77	0.139723205	0.019522574	8.62027E-18
ENSG00000181036	FCRL6	0.139679122	0.019510257	9.67558E-17
ENSG00000163935	SFMBT1	0.139678914	0.019510199	8.82909E-18
ENSG00000122882	ECD	0.139643691	0.01950036	8.99872E-18

ENSG00000134627	PIWIL4	0.139641193	0.019499663	9.01087E-18
ENSG00000136840	ST6GALNAC4	0.139630964	0.019496806	9.92721E-17
ENSG00000169217	CD2BP2	0.13961037	0.019491055	1.00368E-16
ENSG00000253865	AC131025.1	0.139608792	0.019490615	9.16996E-18
ENSG00000269924	AC024451.4	0.139596925	0.019487302	9.22891E-18
ENSG00000096401	CDC5L	0.13956731	0.019479034	9.37768E-18
ENSG00000118181	RPS25	0.139566808	0.019478894	9.38022E-18
ENSG00000127995	CASD1	0.139556143	0.019475917	1.0331E-16
ENSG00000269737	AL691432.1	0.139520225	0.019465893	9.61908E-18
ENSG00000203772	SPRN	0.139471549	0.019452313	1.08071E-16
ENSG00000132874	SLC14A2	0.139462096	0.019449676	7.56709E-16
ENSG00000255158	AC131934.1	0.139436549	0.019442551	1.00633E-17
ENSG00000074276	CDHR2	0.139407735	0.019434517	1.11805E-16
ENSG00000112159	MDN1	0.139289171	0.019401473	1.19083E-16
ENSG00000211663	IGLV3-19	0.13928875	0.019401356	1.19109E-16

ENSG00000130479	MAP1S	0.139275859	0.019397765	1.19929E-16
ENSG00000267940	AC022762.2	0.139258158	0.019392835	1.10791E-17
ENSG00000158470	B4GALT5	0.139217704	0.019381569	8.6025E-16
ENSG00000062194	GPBP1	0.139206799	0.019378533	1.13898E-17
ENSG00000113456	RAD1	0.139194411	0.019375084	1.25234E-16
ENSG00000075790	BCAP29	0.139171328	0.019368659	1.26779E-16
ENSG00000111319	SCNN1A	0.139159219	0.019365288	1.27597E-16
ENSG00000183784	DOCK8-AS1	0.139106977	0.019350751	1.31187E-16
ENSG00000104472	CHRAC1	0.139104141	0.019349962	1.31384E-16
ENSG00000136541	ERMN	0.139094633	0.019347317	1.32049E-16
ENSG00000203497	PDCD4-AS1	0.139093842	0.019347097	1.21038E-17
ENSG00000124214	STAU1	0.139070134	0.019340502	1.22592E-17
ENSG00000101665	SMAD7	0.139061283	0.01933804	9.33722E-16
ENSG00000248593	DSTNP2	0.139044038	0.019333244	1.24325E-17
ENSG00000070756	PABPC1	0.139028357	0.019328884	1.36777E-16

ENSG00000161509	GRIN2C	0.139012678	0.019324525	1.26439E-17
ENSG00000110777	POU2AF1	0.139009395	0.019323612	1.3816E-16
ENSG00000157741	UBN2	0.138998805	0.019320668	1.38939E-16
ENSG00000173988	LRRC63	0.138996059	0.019319904	1.27574E-17
ENSG00000136986	DERL1	0.138991696	0.019318692	1.27874E-17
ENSG00000091844	RGS17	0.138976439	0.019314451	1.40597E-16
ENSG00000182827	ACBD3	0.138957088	0.019309072	1.30275E-17
ENSG00000252103	RNU6-917P	0.138933025	0.019302386	1.43872E-16
ENSG00000163535	SGO2	0.138885475	0.019289175	1.35386E-17
ENSG00000161642	ZNF385A	0.138861287	0.019282457	1.49448E-16
ENSG00000260940	N.A.	0.13885944	0.019281944	1.37293E-17
ENSG00000270062	AL606834.2	0.138857593	0.019281431	1.37429E-17
ENSG00000175746	C15orf54	0.138838814	0.019276216	1.38822E-17
ENSG00000159307	SCUBE1	0.1388171	0.019270187	1.52989E-16
ENSG00000001631	KRIT1	0.138815686	0.019269795	1.40557E-17

ENSG00000114026	OGG1	0.138796579	0.01926449	1.54661E-16
ENSG00000153902	LGI4	0.138793046	0.01926351	1.54951E-16
ENSG00000143624	INTS3	0.138785139	0.019261315	1.55601E-16
ENSG00000262814	MRPL12	0.138780134	0.019259926	1.08164E-15
ENSG00000258790	AL121594.1	0.138756754	0.019253437	1.45075E-17
ENSG00000259755	AC090907.2	0.138735397	0.01924751	1.46747E-17
ENSG00000141378	PTRH2	0.138723035	0.01924408	1.60804E-16
ENSG00000164741	DLC1	0.138707471	0.019239762	1.62134E-16
ENSG00000168993	CPLX1	0.138701991	0.019238242	1.62605E-16
ENSG00000069974	RAB27A	0.138644459	0.019222286	1.54084E-17
ENSG00000113649	TCERG1	0.138642966	0.019221872	1.54207E-17
ENSG00000142327	RNPEPL1	0.13863172	0.019218754	1.68766E-16
ENSG00000106266	SNX8	0.138624819	0.01921684	1.55715E-17
ENSG00000111670	GNPTAB	0.138593082	0.019208042	1.58387E-17
ENSG00000152454	ZNF256	0.138576503	0.019203447	1.73768E-16

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ENSG00000081026	MAGI3	0.138553064	0.019196952	1.75935E-16
ENSG00000267990	AC063977.2	0.138543383	0.019194269	1.76838E-16
ENSG00000084754	HADHA	0.13852987	0.019190525	1.63845E-17
ENSG00000206567	AC022007.1	0.13850123	0.019182591	1.66379E-17
ENSG00000197885	NKIRAS1	0.138483556	0.019177695	1.67961E-17
ENSG00000254004	ZNF260	0.138473617	0.019174943	1.83481E-16
ENSG00000181751	MACIR	0.138469316	0.019173751	1.83898E-16
ENSG00000131018	SYNE1	0.138439444	0.01916548	1.86824E-16
ENSG00000136244	IL6	0.138310279	0.019129733	2.00011E-16
ENSG00000161973	CCDC42	0.138307188	0.019128878	1.84592E-17
ENSG00000025770	NCAPH2	0.138302998	0.019127719	2.00781E-16
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ENSG00000259153	AC004816.1	0.138264579	0.019117094	1.88847E-17
ENSG00000186409	CCDC30	0.138223576	0.019105757	1.93033E-17

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ENSG00000255561	FDXACB1	0.138202881	0.019100036	1.9518E-17
ENSG00000144724	PTPRG	0.138189867	0.019096439	1.47137E-15
ENSG00000023516	AKAP11	0.138164696	0.019089483	2.15976E-16
ENSG00000198862	LTN1	0.138152714	0.019086172	2.17344E-16
ENSG00000125818	PSMF1	0.138151294	0.01908578	2.00637E-17
ENSG00000256262	USP30-AS1	0.138115352	0.01907585	2.04527E-17
ENSG00000132591	ERAL1	0.138112285	0.019075003	2.04862E-17
ENSG00000157593	SLC35B2	0.138097402	0.019070892	2.23774E-16
ENSG00000136143	SUCLA2	0.138085175	0.019067516	2.0785E-17
ENSG00000081177	EXD2	0.138084796	0.019067411	2.25265E-16
ENSG00000131015	ULBP2	0.138059784	0.019060504	2.10688E-17
ENSG00000166682	TMPRSS5	0.138029826	0.019052233	2.31884E-16
ENSG00000180530	NRIP1	0.138026735	0.019051379	2.32261E-16

ENSG00000148400	NOTCH1	0.138005994	0.019045654	2.16826E-17
ENSG00000100478	AP4S1	0.137998616	0.019043618	2.17682E-17
ENSG00000084073	ZMPSTE24	0.137985021	0.019039866	2.19267E-17
ENSG00000155755	TMEM237	0.137975941	0.01903736	2.20332E-17
ENSG00000211976	IGHV3-73	0.137924714	0.019023227	2.26437E-17
ENSG00000143179	UCK2	0.13790759	0.019018503	2.28515E-17
ENSG00000205913	SRRM2-AS1	0.137897572	0.01901574	2.48603E-16
ENSG00000100077	GRK3	0.137896833	0.019015537	2.2983E-17
ENSG00000206527	HACD2	0.137896631	0.019015481	2.29855E-17
ENSG00000119314	PTBP3	0.137893502	0.019014618	2.30239E-17
ENSG00000115841	RMDN2	0.137890073	0.019013672	2.49586E-16
ENSG00000267796	LIN37	0.137887034	0.019012834	2.31034E-17
ENSG00000240849	PEDS1	0.13788069	0.019011085	2.31817E-17
ENSG00000087589	CASS4	0.137868975	0.019007854	2.3327E-17
ENSG00000159496	RGL4	0.137768662	0.018980204	2.46083E-17

ENSG00000116285	ERRFI1	0.137760903	0.018978066	2.67128E-16
ENSG00000067191	CACNB1	0.137749908	0.018975037	2.68676E-16
ENSG00000105856	HBP1	0.137695814	0.018960137	2.5582E-17
ENSG00000006075	N.A.	0.137679567	0.018955663	2.78792E-16
ENSG00000267508	ZNF285	0.137661461	0.018950678	1.93572E-15
ENSG00000081059	TCF7	0.137659881	0.018950243	2.60762E-17
ENSG00000148343	MIGA2	0.137637786	0.01894416	2.63848E-17
ENSG00000237491	LINC01409	0.137633966	0.018943109	2.8555E-16
ENSG00000133488	SEC14L4	0.137603425	0.018934703	1.99478E-15
ENSG00000237950	AL357079.1	0.137588408	0.01893057	2.70874E-17
ENSG00000237604	AP001056.1	0.137538018	0.018916706	3.003E-16
ENSG00000126749	EMG1	0.137464259	0.018896422	3.12147E-16
ENSG00000185792	NLRP9	0.137456178	0.018894201	2.90611E-17
ENSG00000234425	AL138930.1	0.137449409	0.01889234	2.91659E-17
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ENSG00000111011	RSRC2	0.137327598	0.018858869	3.11161E-17
ENSG00000110057	UNC93B1	0.137299329	0.018851106	3.4033E-16
ENSG00000132323	ILKAP	0.137295495	0.018850053	3.16511E-17
ENSG00000179295	PTPN11	0.137280479	0.01884593	3.19045E-17
ENSG00000244167	AC005532.2	0.137256112	0.01883924	3.48121E-16
ENSG00000204104	TRAF3IP1	0.137232718	0.018832819	3.27237E-17
ENSG00000146350	TBC1D32	0.137178691	0.018817993	2.48455E-15
ENSG00000175279	CENPS	0.137139133	0.018807142	3.43896E-17
ENSG00000145431	PDGFC	0.137137119	0.018806589	3.7049E-16
ENSG00000233276	GPX1	0.137111149	0.018799467	3.49038E-17
ENSG00000172508	CARNS1	0.137012437	0.018772408	3.67788E-17
ENSG00000008405	CRY1	0.137006555	0.018770796	3.68936E-17
ENSG00000259943	AL050341.2	0.136984103	0.018764644	4.01349E-16

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ENSG00000125846	ZNF133	0.136892013	0.018739423	3.92011E-17
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ENSG00000262944	N.A.	0.136883033	0.018736965	4.23106E-16
ENSG00000236438	FAM157A	0.136862376	0.01873131	4.27694E-16
ENSG00000151789	ZNF385D	0.136844052	0.018726295	4.31804E-16
ENSG00000178803	ADORA2A-AS1	0.136842386	0.018725839	4.02445E-17
ENSG00000148300	REXO4	0.136808726	0.018716627	4.09677E-17
ENSG00000162510	MATN1	0.13678309	0.018709614	4.15271E-17
ENSG00000146143	PRIM2	0.136778606	0.018708387	4.46807E-16
ENSG00000270083	AL021878.2	0.136765737	0.018704867	4.19101E-17
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ENSG00000214140	PRCD	0.136698594	0.018686506	4.34248E-17
ENSG00000105707	HPN	0.136664814	0.018677271	4.74124E-16

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ENSG00000180846	CSNK1G2-AS1	0.136606559	0.018661352	4.55892E-17
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ENSG00000228495	LINC01013	0.136448814	0.018618279	4.95489E-17
ENSG00000146373	RNF217	0.136440158	0.018615917	4.97757E-17
ENSG00000173473	SMARCC1	0.13643912	0.018615633	5.33264E-16
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ENSG00000129480	DTD2	0.13636151	0.018594461	5.18842E-17
ENSG00000130559	CAMSAP1	0.136351145	0.018591635	5.58235E-16
ENSG00000267009	AC007780.1	0.13634872	0.018590973	5.22353E-17
ENSG00000155287	SLC25A28	0.136348201	0.018590832	5.22496E-17

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ENSG00000183496	MEX3B	0.136344087	0.01858971	5.60288E-16
ENSG00000267565	AC011477.2	0.136296748	0.018576803	5.36863E-17
ENSG00000181896	ZNF101	0.136261423	0.018567175	5.84889E-16
ENSG00000171914	TLN2	0.136236326	0.018560336	5.54232E-17
ENSG00000104953	TLE6	0.136177586	0.018544335	5.71649E-17
ENSG00000173575	CHD2	0.136151331	0.018537185	6.19313E-16
ENSG00000151014	NOCT	0.136151056	0.01853711	5.79691E-17
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ENSG00000185862	EVI2B	0.136128157	0.018530875	5.86721E-17
ENSG00000132321	IQCA1	0.136093861	0.018521539	5.97409E-17
ENSG00000078018	MAP2	0.13608411	0.018518885	6.00483E-17
ENSG00000266601	AC018521.6	0.13607511	0.018516436	6.03334E-17

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ENSG00000154174	TOMM70	0.135885664	0.018464914	6.66534E-17
ENSG00000240535	AC034238.1	0.135878283	0.018462908	7.13542E-16
ENSG00000167695	TLCD3A	0.135842941	0.018453305	6.81665E-17
ENSG00000261864	AC130462.2	0.135824302	0.018448241	6.88372E-17
ENSG00000167614	TTYH1	0.135783294	0.018437103	7.03357E-17
ENSG00000156011	PSD3	0.135727638	0.018421992	5.23165E-15
ENSG00000248487	ABHD14A	0.135725201	0.01842133	7.25138E-17
ENSG00000229472	N.A.	0.135717756	0.018419309	7.27978E-17
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ENSG00000011258	MBTD1	0.135693711	0.018412783	7.851E-16
ENSG00000230561	CCDC192	0.135677576	0.018408405	7.91682E-16

ENSG00000136891	TEX10	0.135670888	0.01840659	7.94426E-16
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ENSG00000171401	KRT13	0.135643117	0.018399055	7.57052E-17
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ENSG00000185798	WDR53	0.135530344	0.018368474	8.03166E-17
ENSG00000147316	MCPH1	0.135526851	0.018367527	8.55849E-16
ENSG00000197372	ZNF675	0.13551226	0.018363573	8.62327E-16
ENSG00000109065	NAT9	0.135493964	0.018358614	8.18624E-17
ENSG00000233937	CTC-338M12.4	0.13548975	0.018357472	8.20434E-17
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ENSG0000012983	MAP4K5	0.13539308	0.018331286	9.17074E-16
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ENSG00000144645	OSBPL10	0.135373495	0.018325983	9.26392E-16
ENSG00000237493	AC034102.1	0.135363594	0.018323303	9.31138E-16
ENSG00000008283	CYB561	0.13530777	0.018308193	9.02452E-17
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ENSG00000070501	POLB	0.13525439	0.01829375	9.28007E-17
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ENSG00000206503	HLA-A	0.134923207	0.018204272	1.10328E-16

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ENSG00000169228	RAB24	0.134792869	0.018169117	1.24929E-15
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ENSG00000167779	IGFBP6	0.134175156	0.018002973	1.6282E-16
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ENSG00000159792	PSKH1	0.134070202	0.017974819	1.80922E-15
ENSG00000174243	DDX23	0.134015349	0.017960114	1.86064E-15
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ENSG00000076258	FMO4	0.133781454	0.017897478	2.09653E-15
ENSG00000150753	CCT5	0.133755686	0.017890584	2.02335E-16
ENSG00000134489	HRH4	0.133728824	0.017883398	2.15354E-15
ENSG00000164105	SAP30	0.133719106	0.017880799	2.06198E-16
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ENSG00000152207	CYSLTR2	0.13326819	0.017760411	2.60233E-16
ENSG00000100028	SNRPD3	0.133201395	0.017742612	2.69344E-16
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ENSG00000140479	PCSK6	0.133099585	0.0177155	2.96545E-15
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ENSG00000118276	B4GALT6	0.132551265	0.017569838	3.7615E-16
ENSG00000166068	SPRED1	0.132548131	0.017569007	3.76755E-16
ENSG00000140993	TIGD7	0.132529686	0.017564118	3.95677E-15
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ENSG00000099849	RASSF7	0.132448106	0.017542501	4.12311E-15
ENSG00000117222	RBBP5	0.132438202	0.017539877	3.98579E-16
ENSG00000141646	SMAD4	0.132424861	0.017536344	4.17175E-15
ENSG00000259442	AC105339.3	0.132416481	0.017534124	4.18942E-15

ENSG00000239827	SUGT1P3	0.132375869	0.017523371	4.11503E-16
ENSG00000178234	GALNT11	0.132366429	0.017520871	4.29653E-15
ENSG00000002834	LASP1	0.132354711	0.01751777	4.32199E-15
ENSG00000157445	CACNA2D3	0.132350186	0.017516572	4.16947E-16
ENSG00000142676	RPL11	0.132347275	0.017515801	4.33823E-15
ENSG00000261173	AC018845.3	0.1323155	0.017507392	4.24412E-16
ENSG00000009307	CSDE1	0.132313109	0.017506759	4.4136E-15
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ENSG00000260114	N.A.	0.132289691	0.017500562	4.466E-15
ENSG00000184602	SNN	0.132223149	0.017482961	4.61827E-15
ENSG00000148175	STOM	0.132177256	0.017470827	4.55496E-16
ENSG00000248008	NRAV	0.132164711	0.017467511	4.75621E-15
ENSG00000268404	N.A.	0.132161321	0.017466615	4.5922E-16
ENSG00000254288	AC087672.2	0.132158501	0.017465869	4.7711E-15
ENSG00000110711	AIP	0.13215613	0.017465243	4.6044E-16

ENSG00000108651	UTP6	0.132092569	0.017448447	4.75635E-16
ENSG00000140511	HAPLN3	0.132047737	0.017436605	5.0446E-15
ENSG00000227678	AL355581.1	0.131977176	0.017417975	5.04493E-16
ENSG00000269378	ITGB1P1	0.131969871	0.017416047	5.06377E-16
ENSG00000087303	NID2	0.131918621	0.017402523	5.38294E-15
ENSG00000100105	PATZ1	0.131914029	0.017401311	5.39537E-15
ENSG00000256812	CAPNS2	0.131895823	0.017396508	5.25869E-16
ENSG00000174946	GPR171	0.131888645	0.017394615	5.46463E-15
ENSG00000158941	CCAR2	0.131878432	0.017391921	5.30553E-16
ENSG00000267758	AC099811.4	0.131863999	0.017388114	5.34471E-16
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ENSG00000169251	NMD3	0.131797349	0.017370541	5.52939E-16
ENSG00000134884	ARGLU1	0.131765229	0.017362076	5.62062E-16
ENSG00000157570	TSPAN18	0.131756111	0.017359673	3.84626E-14

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ENSG00000262410	AC024361.1	0.131629682	0.017326373	6.02222E-16
ENSG00000226393	IFNA20P	0.131603472	0.017319474	6.10307E-16
ENSG00000081721	DUSP12	0.131596687	0.017317688	6.12418E-16
ENSG00000005187	ACSM3	0.131583061	0.017314102	6.37024E-15
ENSG00000127533	F2RL3	0.131571463	0.01731105	6.20327E-16
ENSG00000170365	SMAD1	0.131567233	0.017309937	6.21663E-16
ENSG00000154133	ROBO4	0.131546202	0.017304403	6.28348E-16
ENSG00000005249	PRKAR2B	0.131532859	0.017300893	6.32626E-16
ENSG00000175595	ERCC4	0.131488132	0.017289129	6.68053E-15
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ENSG00000117322	CR2	0.131424746	0.017272464	6.89595E-15
ENSG00000269932	N.A.	0.131413022	0.017269382	6.93653E-15
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ENSG00000260052	AC023813.3	0.131336024	0.017249151	6.99173E-16
ENSG00000211785	TRAV12-1	0.131332219	0.017248152	7.22273E-15
ENSG00000130779	CLIP1	0.131323898	0.017245966	7.25285E-15
ENSG00000230551	AC021078.1	0.131312024	0.017242848	7.07744E-16
ENSG00000058335	RASGRF1	0.131308437	0.017241906	7.09034E-16
ENSG00000109917	ZPR1	0.13129058	0.017237216	7.1549E-16
ENSG00000142751	GPN2	0.131287322	0.017236361	7.16674E-16
ENSG00000251994	RNU2-27P	0.131254138	0.017227649	7.28846E-16

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ENSG00000105717	PBX4	0.131126911	0.017194267	7.77427E-16
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ENSG00000147654	EBAG9	0.131066628	0.017178461	8.24777E-15
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ENSG00000270067	N.A.	0.131002513	0.017161658	8.28006E-16
ENSG00000090097	PCBP4	0.130954708	0.017149135	8.48294E-16
ENSG00000196367	TRRAP	0.130906144	0.017136418	8.93521E-15
ENSG00000115524	SF3B1	0.130891029	0.017132461	8.7608E-16
ENSG00000165661	QSOX2	0.130868724	0.017126623	8.86023E-16
ENSG00000116489	CAPZA1	0.13085173	0.017122175	9.18086E-15
ENSG00000168288	MMADHC	0.130821234	0.017114195	9.32142E-15
ENSG00000081019	RSBN1	0.13080745	0.017110589	9.13914E-16
ENSG00000146858	ZC3HAV1L	0.130796652	0.017107764	9.18918E-16

ENSG00000111674	ENO2	0.130790882	0.017106255	9.46342E-15
ENSG00000213799	ZNF845	0.130787545	0.017105382	9.23159E-16
ENSG00000134644	PUM1	0.13076252	0.017098837	9.34913E-16
ENSG00000102904	TSNAXIP1	0.130757175	0.017097439	9.37442E-16
ENSG00000158486	DNAH3	0.130755803	0.01709708	9.38092E-16
ENSG00000116752	BCAS2	0.130752994	0.017096345	9.64368E-15
ENSG00000165733	BMS1	0.13073433	0.017091465	9.73371E-15
ENSG00000187942	LDLRAD2	0.130686558	0.017078976	9.96794E-15
ENSG00000172575	RASGRP1	0.130667239	0.017073927	9.81029E-16
ENSG00000174564	IL20RB	0.13065554	0.01707087	1.0123E-14
ENSG00000070047	PHRF1	0.130620551	0.017061728	1.00444E-15
ENSG00000117983	MUC5B	0.13058912	0.017053518	1.0463E-14
ENSG00000247199	AC011346.1	0.130587306	0.017053044	1.02144E-15
ENSG00000205537	AC121338.1	0.130572826	0.017049263	1.05481E-14
ENSG00000269054	AC012313.6	0.13054104	0.017040963	1.04557E-15

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ENSG00000130340	SNX9	0.130496348	0.017029297	7.14725E-14
ENSG00000239650	GUSBP4	0.130494799	0.017028892	1.07025E-15
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ENSG00000254286	N.A.	0.130473569	0.017023352	1.08178E-15
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ENSG00000215421	ZNF407	0.130376279	0.016997974	1.13617E-15
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ENSG00000169744	LDB2	0.130354618	0.016992326	1.17558E-14
ENSG00000114455	HHLA2	0.130352876	0.016991872	1.1766E-14
ENSG00000152332	UHMK1	0.130352755	0.016991841	7.66721E-14
ENSG00000221955	SLC12A8	0.130345985	0.016990076	1.18063E-14

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ENSG00000148334	PTGES2	0.130300968	0.016978342	1.18011E-15
ENSG00000269800	PLEKHA3P1	0.130287652	0.016974872	1.18805E-15
ENSG00000160783	PMF1	0.130287507	0.016974835	1.18814E-15
ENSG00000254006	AC104232.1	0.130271867	0.016970759	1.19753E-15
ENSG00000136630	HLX	0.130264538	0.01696885	1.20196E-15
ENSG00000067334	DNTTIP2	0.130246619	0.016964182	1.21286E-15
ENSG00000153560	UBP1	0.13024552	0.016963895	1.24097E-14
ENSG00000074696	HACD3	0.130233868	0.01696086	1.22067E-15
ENSG00000261366	MANEA-DT	0.13023096	0.016960103	1.22245E-15
ENSG00000260773	AC055855.1	0.130170952	0.016944477	1.25994E-15
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ENSG00000196331	N.A.	0.13015385	0.016940025	1.29866E-14
ENSG00000188886	ASTL	0.130140912	0.016936657	1.27913E-15
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ENSG0000025800	KPNA6	0.130120129	0.016931248	1.29257E-15
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ENSG00000206417	H1-10-AS1	0.130115672	0.016930088	1.29547E-15
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ENSG00000106615	RHEB	0.130009759	0.016902537	1.36633E-15
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ENSG00000263606	CHORDC1P4	0.129868025	0.016865704	1.49604E-14
ENSG00000107815	TWNK	0.1298514	0.016861386	1.47945E-15
ENSG00000232303	DFFBP1	0.129819391	0.016853074	1.50341E-15
ENSG00000177045	SIX5	0.1298111	0.016850922	1.50968E-15
ENSG00000256913	AC005840.3	0.129810885	0.016850866	1.50984E-15
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ENSG00000152484	USP12	0.129724593	0.01682847	1.60592E-14
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ENSG00000213937	CLDN9	0.129372417	0.016737222	1.23567E-13
ENSG00000253305	PCDHGB6	0.129354836	0.016732674	1.92714E-14
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ENSG00000237738	RNF216-IT1	0.129331145	0.016726545	1.94976E-14
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ENSG00000138834	MAPK8IP3	0.129327107	0.016725501	1.95364E-14
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ENSG00000164879	CA3	0.129247344	0.016704876	2.00207E-15
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ENSG00000260941	LINC00622	0.129175614	0.016686339	2.10482E-14
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ENSG00000236901	MIR600HG	0.12910914	0.01666917	2.14512E-15
ENSG00000124193	SRSF6	0.129106191	0.016668409	2.14828E-15
ENSG00000119335	SET	0.12910155	0.01666721	2.15327E-15
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ENSG00000229585	RPL21P44	0.128963332	0.016631541	2.30696E-15
ENSG00000252516	RNA5SP82	0.128945176	0.016626859	2.32793E-15
ENSG00000142408	CACNG8	0.128921787	0.016620827	2.35522E-15
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ENSG00000071794	HLTF	0.12888435	0.016611176	2.42851E-14
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ENSG00000234127	TRIM26	0.128718071	0.016568342	2.60669E-15
ENSG00000170604	IRF2BP1	0.128704234	0.01656478	2.6247E-15
ENSG00000132950	ZMYM5	0.128701258	0.016564014	2.65656E-14
ENSG00000184551	N.A.	0.128692829	0.016561844	2.66755E-14
ENSG00000211946	IGHV3-20	0.12868871	0.016560784	1.71975E-13
ENSG00000166800	LDHAL6A	0.128687706	0.016560526	2.64637E-15
ENSG00000197498	RPF2	0.128668275	0.016555525	2.69982E-14
ENSG00000196510	ANAPC7	0.128664325	0.016554509	2.70505E-14
ENSG00000130300	PLVAP	0.128655574	0.016552257	2.71666E-14
ENSG00000011422	PLAUR	0.128650861	0.016551044	2.72294E-14

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ENSG00000149798	CDC42EP2	0.128548358	0.01652468	2.83622E-15
ENSG00000064199	SPA17	0.128545914	0.016524052	2.86646E-14
ENSG00000159352	PSMD4	0.128524256	0.016518484	2.87038E-15
ENSG00000135002	RFK	0.128516825	0.016516574	2.881E-15
ENSG00000138190	EXOC6	0.128499188	0.016512041	2.93273E-14
ENSG00000186354	N.A.	0.128484009	0.016508141	2.95458E-14
ENSG00000124215	CDH26	0.128482779	0.016507825	1.8991E-13
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ENSG00000243788	N.A.	0.12844217	0.016497391	3.01564E-14

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ENSG0000030419	IKZF2	0.12841978	0.01649164	3.02325E-15
ENSG00000160818	GPATCH4	0.128398727	0.016486233	3.08035E-14
ENSG00000119737	GPR75	0.12834224	0.016471731	3.14185E-15
ENSG00000128346	C22orf23	0.128332604	0.016469257	3.1569E-15
ENSG00000198870	STKLD1	0.128308251	0.016463007	2.06539E-13
ENSG00000185483	ROR1	0.128290823	0.016458535	3.22301E-15
ENSG00000109270	LAMTOR3	0.128281101	0.016456041	3.23859E-15
ENSG00000105649	RAB3A	0.128269899	0.016453167	3.25662E-15
ENSG00000198939	ZFP2	0.128264319	0.016451736	3.26565E-15
ENSG0000027075	PRKCH	0.128228882	0.016442646	3.34672E-14
ENSG00000175505	CLCF1	0.128182562	0.016430769	3.42322E-14
ENSG0000011105	TSPAN9	0.128170401	0.016427652	3.44358E-14
ENSG0000048028	USP28	0.128109299	0.016411992	3.52638E-15
ENSG00000269720	CCDC194	0.1280665	0.016401028	3.60191E-15

ENSG00000232133	IMPDH1P10	0.128010624	0.01638672	3.70291E-15
ENSG00000124641	MED20	0.128005786	0.016385481	3.73128E-14
ENSG00000136770	DNAJC1	0.1279947	0.016382643	3.75148E-14
ENSG00000122042	UBL3	0.127990103	0.016381466	3.7407E-15
ENSG00000100393	EP300	0.127960842	0.016373977	3.79524E-15
ENSG00000197933	ZNF823	0.12795147	0.016371579	3.81287E-15
ENSG00000136153	LMO7	0.127880407	0.016353398	3.96614E-14
ENSG00000145191	EIF2B5	0.127803863	0.016333827	4.10148E-15
ENSG00000146281	PM20D2	0.127802906	0.016333583	4.10342E-15
ENSG00000198155	ZNF876P	0.12779864	0.016332492	4.11208E-15
ENSG00000130561	SAG	0.127792924	0.016331031	4.12371E-15
ENSG00000040341	STAU2	0.127788572	0.016329919	4.14733E-14
ENSG00000269165	N.A.	0.127785179	0.016329052	4.15418E-14
ENSG00000230319	TTL1-AS1	0.127784707	0.016328931	4.14048E-15
ENSG00000148481	MINDY3	0.127741767	0.016317959	4.22922E-15

ENSG00000177575	CD163	0.127737611	0.016316897	4.25136E-14
ENSG00000197959	DNM3	0.127723226	0.016313222	4.28119E-14
ENSG00000159147	DONSON	0.127722828	0.016313121	4.28202E-14
ENSG00000229431	MED8-AS1	0.127702885	0.016308027	4.31119E-15
ENSG00000183579	ZNRF3	0.127694628	0.016305918	4.3288E-15
ENSG00000135931	ARMC9	0.127684464	0.016303322	4.35057E-15
ENSG00000140299	BNIP2	0.127672125	0.016300171	4.38882E-14
ENSG00000130023	ERMARD	0.127640694	0.016292147	4.45634E-14
ENSG00000196535	MYO18A	0.127623161	0.016287671	4.49444E-14
ENSG00000124383	MPHOSPH10	0.127617482	0.016286222	4.49677E-15
ENSG00000185955	C7orf61	0.127610508	0.016284442	4.51226E-15
ENSG00000113448	PDE4D	0.127596124	0.016280771	4.55384E-14
ENSG00000048828	FAM120A	0.127592427	0.016279827	4.56202E-14
ENSG00000166803	PCLAF	0.127591674	0.016279635	4.55438E-15
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ENSG00000248476	BACH1-IT1	0.127550505	0.016269131	4.6558E-14
ENSG00000214803	AC090921.1	0.127542932	0.016267199	4.66517E-15
ENSG00000128242	GAL3ST1	0.1275161	0.016260356	4.72728E-15
ENSG00000235280	MCF2L-AS1	0.127485575	0.016252572	4.80481E-14
ENSG00000225766	DHRS4L1	0.127453851	0.016244484	4.87931E-14
ENSG00000242052	RPL10P7	0.127432161	0.016238956	4.92691E-15
ENSG00000253368	TRNP1	0.127398717	0.016230433	5.01149E-14
ENSG00000163104	SMARCAD1	0.127366915	0.016222331	5.08779E-15
ENSG00000133321	PLAAT4	0.127301921	0.016205779	5.25213E-14
ENSG00000163818	LZTFL1	0.127272039	0.016198172	5.33099E-15
ENSG00000100796	PPP4R3A	0.127269039	0.016197408	5.33886E-15
ENSG00000178104	PDE4DIP	0.127237124	0.016189286	3.44813E-13
ENSG00000253239	IGLVI-70	0.127224205	0.016185998	5.45353E-14
ENSG00000111596	CNOT2	0.127213663	0.016183316	5.48143E-14
ENSG00000099381	SETD1A	0.127201504	0.016180223	5.51918E-15

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ENSG00000251304	N.A.	0.127160048	0.016169678	5.6255E-14
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ENSG00000084070	SMAP2	0.127044442	0.01614029	5.94893E-14
ENSG00000100564	PIGH	0.127024827	0.016135307	6.01971E-15
ENSG00000150093	ITGB1	0.126998694	0.016128668	6.09744E-15
ENSG00000136689	IL1RN	0.126987089	0.016125721	6.11611E-14
ENSG00000166262	FAM227B	0.126971883	0.016121859	6.1612E-14
ENSG00000140259	MFAP1	0.126965426	0.016120219	6.19783E-15
ENSG00000249396	LINC02212	0.126945006	0.016115035	6.2417E-14
ENSG00000211654	IGLV5-37	0.126934572	0.016112386	6.27323E-14
ENSG00000101278	RPS10P5	0.126929078	0.016110991	6.30937E-15
ENSG00000126464	PRR12	0.126910437	0.016106259	6.36733E-15
ENSG00000011143	MKS1	0.126866235	0.016095042	6.48364E-14

ENSG00000149554	CHEK1	0.12682922	0.016085651	6.60049E-14
ENSG00000225187	AC073283.1	0.126827443	0.0160852	6.60615E-14
ENSG00000108424	KPNB1	0.126820518	0.016083444	6.62826E-14
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ENSG00000181264	TLCD5	0.12679024	0.016075765	6.75388E-15
ENSG00000211670	IGLV3-9	0.126777769	0.016072603	6.79529E-15
ENSG00000162139	NEU3	0.126751336	0.016065901	6.85316E-14
ENSG00000167992	VWCE	0.12675014	0.016065598	6.88791E-15
ENSG00000198612	COPS8	0.126746096	0.016064573	6.90157E-15
ENSG00000107560	RAB11FIP2	0.126744754	0.016064233	6.90611E-15
ENSG00000198730	CTR9	0.126729063	0.016060255	6.9594E-15
ENSG00000237773	AC073332.1	0.126715477	0.016056812	6.97266E-14
ENSG00000128284	APOL3	0.126700855	0.016053107	7.05622E-15
ENSG00000011198	ABHD5	0.126689327	0.016050186	7.0611E-14
ENSG00000263826	AC112907.3	0.126670436	0.016045399	7.16212E-15

ENSG00000125633	CCDC93	0.126650752	0.016040413	7.23148E-15
ENSG00000267041	ZNF850	0.126642154	0.016038235	7.22344E-14
ENSG00000164631	ZNF12	0.12663834	0.016037269	7.27555E-15
ENSG00000111850	SMIM8	0.126632891	0.016035889	7.29498E-15
ENSG00000173166	RAPH1	0.126615304	0.016031435	7.31747E-14
ENSG00000111737	RAB35	0.126583041	0.016023266	7.47514E-15
ENSG00000257446	ZNF878	0.126578421	0.016022097	7.49206E-15
ENSG00000167701	GPT	0.126565297	0.016018774	7.49582E-14
ENSG00000229017	LINC01277	0.126563286	0.016018265	7.54775E-15
ENSG00000171227	TMEM37	0.126551501	0.016015282	7.54577E-14
ENSG00000164114	MAP9	0.126498734	0.01600193	7.78985E-15
ENSG00000138002	IFT172	0.126487035	0.01599897	7.83453E-15
ENSG00000259674	AC092868.1	0.126477871	0.015996652	7.86971E-15
ENSG00000189325	BNIP5	0.12645418	0.01599066	7.90755E-14
ENSG00000215067	ALOX12-AS1	0.12641931	0.015981842	8.09823E-15

ENSG00000211650	IGLV5-45	0.126414513	0.015980629	5.09536E-13
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ENSG00000065717	TLE2	0.126300226	0.015951747	5.37829E-13
ENSG00000185559	DLK1	0.126275899	0.015945603	8.68576E-15
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ENSG00000242028	HYPK	0.126219495	0.015931361	8.85157E-14
ENSG00000167447	SMG8	0.126213753	0.015929911	8.95321E-15
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ENSG00000153064	BANK1	0.126191107	0.015924195	8.97302E-14
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ENSG00000263345	AC006435.2	0.126158958	0.015916083	9.11254E-14
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ENSG00000100412	ACO2	0.126030666	0.015883729	9.78911E-15
ENSG00000161638	ITGA5	0.126016634	0.015880192	9.75623E-14
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ENSG00000124659	TBCC	0.125911486	0.015853702	1.0374E-14
ENSG00000149781	FERMT3	0.12590756	0.015852714	1.02796E-13
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ENSG00000251215	GOLGA5P1	0.125667911	0.015792424	1.16783E-14
ENSG00000144524	COPS7B	0.125665271	0.01579176	1.16933E-14
ENSG00000116212	LRRC42	0.125646333	0.015787001	1.18014E-14
ENSG00000031823	RANBP3	0.125602007	0.015775864	1.20582E-14
ENSG00000180354	MTURN	0.125484361	0.015746325	1.25845E-13
ENSG00000198825	INPP5F	0.125476874	0.015744446	1.26295E-13
ENSG00000148356	LRSAM1	0.125444085	0.015736219	1.28286E-13
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ENSG00000169567	HINT1	0.125411928	0.015728152	1.3223E-14
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ENSG00000199082	MIR342	0.125357261	0.015714443	1.3578E-14
ENSG00000170734	POLH	0.125348179	0.015712166	1.36379E-14
ENSG00000075568	TMEM131	0.125347777	0.015712065	1.36405E-14
ENSG00000114999	TTL	0.125325168	0.015706398	1.3577E-13
ENSG00000232021	LEF1-AS1	0.125290073	0.015697602	1.40272E-14
ENSG00000188112	C6orf132	0.125278973	0.015694821	1.38792E-13
ENSG00000137575	SDCBP	0.125271953	0.015693062	1.41508E-14
ENSG00000211815	TRAV36DV7	0.125268816	0.015692276	1.39465E-13
ENSG00000113282	CLINT1	0.125240379	0.015685153	1.41367E-13
ENSG00000144802	NFKBIZ	0.125229734	0.015682486	1.4443E-14
ENSG00000146909	NOM1	0.125208498	0.015677168	1.4353E-13
ENSG00000152700	SAR1B	0.125198088	0.015674561	1.44243E-13
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ENSG00000204264	PSMB8	0.125149164	0.015662313	1.47641E-13
ENSG00000121680	PEX16	0.125131006	0.015657769	1.48922E-13
ENSG00000255052	FAM66D	0.125129687	0.015657439	1.49016E-13
ENSG00000116266	STXBP3	0.125121802	0.015655465	1.49576E-13
ENSG00000131788	PIAS3	0.125072434	0.015643114	1.5313E-13
ENSG00000010438	PRSS3	0.124981215	0.015620304	1.62874E-14
ENSG00000268144	NIFKP6	0.124974994	0.015618749	1.63364E-14
ENSG00000236320	SLFN14	0.124961195	0.0156153	1.61446E-13
ENSG00000213149	CNN2P9	0.124951053	0.015612766	1.65265E-14
ENSG00000231731	AC010976.1	0.124949569	0.015612395	1.6234E-13
ENSG00000260329	AC007541.1	0.124928243	0.015607066	1.63993E-13
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ENSG00000268006	PTOV1-AS1	0.124905323	0.01560134	1.68955E-14
ENSG00000262700	AC133552.3	0.12487352	0.015593396	1.71569E-14
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ENSG00000155363	MOV10	0.124825724	0.015581461	1.75572E-14
ENSG00000143630	HCN3	0.124798561	0.015574681	1.77888E-14
ENSG00000167191	GPRC5B	0.124770634	0.015567711	1.76733E-13
ENSG00000132698	RAB25	0.124762118	0.015565586	1.77449E-13
ENSG00000227630	LINC01132	0.124757128	0.015564341	1.77869E-13
ENSG00000132109	TRIM21	0.124716478	0.0155542	1.81332E-13
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ENSG00000240864	IGKV1-16	0.124663341	0.015540949	1.89872E-14

ENSG00000184988	TMEM106A	0.124647223	0.01553693	1.91352E-14
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ENSG00000137193	PIM1	0.124544	0.015511208	2.01105E-14
ENSG00000113088	GZMK	0.124526237	0.015506784	2.02832E-14
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ENSG00000259954	IL21R-AS1	0.124507038	0.015502003	2.04715E-14
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ENSG00000177173	NAP1L4P1	0.12450253	0.01550088	2.0516E-14
ENSG00000143319	ISG20L2	0.124477729	0.015494705	2.07623E-14

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ENSG00000137101	CD72	0.124415102	0.015479118	2.13973E-14
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ENSG00000119638	NEK9	0.124391608	0.015473272	2.11488E-13
ENSG00000114904	NEK4	0.124386059	0.015471892	2.16982E-14
ENSG00000126804	ZBTB1	0.124338922	0.015460167	2.21955E-14
ENSG00000224043	CCNT2-AS1	0.124302867	0.015451203	2.20549E-13
ENSG00000130643	CALY	0.124279219	0.015445324	2.23028E-13
ENSG00000213071	LPAL2	0.124246845	0.015437279	2.31994E-14
ENSG00000198399	ITSN2	0.124226212	0.015432152	2.28683E-13
ENSG00000161835	TAMALIN	0.124225269	0.015431917	2.28784E-13
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ENSG00000103056	SMPD3	0.124192032	0.015423661	2.38181E-14

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ENSG00000230736	AL021937.1	0.124108184	0.015402841	2.4796E-14
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ENSG00000120279	MYCT1	0.124069728	0.015393297	2.46211E-13
ENSG00000229809	ZNF688	0.124041925	0.015386399	2.49461E-13
ENSG00000083812	ZNF324	0.124036273	0.015384997	2.56661E-14
ENSG00000167470	MIDN	0.124031994	0.015383936	2.57188E-14
ENSG00000103855	CD276	0.124017819	0.015380419	2.58942E-14
ENSG00000142949	PTPRF	0.124016401	0.015380068	2.59118E-14
ENSG00000116459	ATP5PB	0.12394907	0.015363372	2.60622E-13
ENSG00000115840	SLC25A12	0.123943389	0.015361964	2.6132E-13
ENSG00000235831	BHLHE40-AS1	0.123942385	0.015361715	2.61444E-13

ENSG00000204396	VWA7	0.12394142	0.015361476	2.61563E-13
ENSG00000232333	RPS27AP2	0.123940385	0.015361219	2.6169E-13
ENSG00000138326	RPS24	0.123930099	0.015358669	2.62961E-13
ENSG00000268618	AC092316.1	0.123852812	0.015339519	2.80242E-14
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ENSG00000211732	N.A.	0.123799706	0.015326367	2.87456E-14
ENSG00000111642	CHD4	0.1237928	0.015324657	2.80522E-13
ENSG00000186566	GPATCH8	0.12376237	0.015317124	2.92638E-14
ENSG00000263789	N.A.	0.123740524	0.015311717	2.95712E-14
ENSG00000072071	ADGRL1	0.123682651	0.015297398	2.95439E-13
ENSG00000134001	EIF2S1	0.123679543	0.015296629	3.04462E-14
ENSG00000164338	UTP15	0.123670254	0.015294332	3.05817E-14
ENSG00000164808	SPIDR	0.123668098	0.015293798	3.06132E-14
ENSG00000124535	WRNIP1	0.123645053	0.015288099	1.86008E-12

ENSG00000139351	SYCP3	0.123642399	0.015287443	3.01082E-13
ENSG00000134802	SLC43A3	0.123638734	0.015286536	3.01601E-13
ENSG00000165060	FXN	0.123612528	0.015280057	3.05338E-13
ENSG00000255263	N.A.	0.123605418	0.015278299	3.15441E-14
ENSG00000149516	MS4A3	0.123591301	0.01527481	3.08398E-13
ENSG00000071564	TCF3	0.123581938	0.015272495	3.19E-14
ENSG00000258985	AL352979.2	0.123551052	0.015264862	3.2374E-14
ENSG00000082153	BZW1	0.123497674	0.015251676	3.32098E-14
ENSG00000225373	N.A.	0.123480651	0.015247471	3.34807E-14
ENSG00000253200	AC037459.2	0.123443399	0.015238273	3.30574E-13
ENSG00000130433	CACNG6	0.123439693	0.015237358	3.31149E-13
ENSG00000249249	AC010226.1	0.123432117	0.015235488	3.42652E-14
ENSG00000163093	BBS5	0.123387853	0.015224562	3.49964E-14
ENSG00000167081	PBX3	0.123369097	0.015219934	3.53109E-14
ENSG00000177469	CAVIN1	0.123335152	0.01521156	3.5887E-14

ENSG00000184305	CCSER1	0.123331432	0.015210642	3.59507E-14
ENSG00000101557	USP14	0.123330897	0.01521051	3.59599E-14
ENSG00000176054	RPL23P2	0.123301307	0.015203212	3.5335E-13
ENSG00000105171	POP4	0.123293354	0.015201251	3.66092E-14
ENSG00000155660	PDIA4	0.123240469	0.015188213	3.63567E-13
ENSG00000168386	FILIP1L	0.123230019	0.015185638	3.77308E-14
ENSG00000173728	C1orf100	0.123195927	0.015177236	3.83484E-14
ENSG00000135469	COQ10A	0.123172196	0.01517139	2.31326E-12
ENSG00000149091	DGKZ	0.123161737	0.015168814	3.89778E-14
ENSG00000151576	QTRT2	0.123131099	0.015161268	3.95505E-14
ENSG00000123395	ATG101	0.12312895	0.015160738	3.95909E-14
ENSG00000166736	HTR3A	0.123124804	0.015159717	3.96691E-14
ENSG00000200087	SNORA73B	0.123111956	0.015156554	3.99124E-14
ENSG00000172602	RND1	0.123096996	0.01515287	2.39468E-12
ENSG00000160712	IL6R	0.123090142	0.015151183	4.03289E-14

ENSG00000120820	GLT8D2	0.123064862	0.01514496	4.08168E-14
ENSG00000175931	UBE2O	0.123064439	0.015144856	4.0825E-14
ENSG00000214772	AC010168.1	0.122997005	0.015128263	4.21555E-14
ENSG00000235194	PPP1R3E	0.122996778	0.015128207	4.07481E-13
ENSG00000173588	CEP83	0.122992559	0.01512717	4.22447E-14
ENSG00000174327	SLC16A13	0.122990534	0.015126671	4.22854E-14
ENSG00000104687	GSR	0.122948228	0.015116267	4.16832E-13
ENSG00000173264	GPR137	0.122908568	0.015106516	4.39651E-14
ENSG00000245534	RORA-AS1	0.122904774	0.015105584	4.40444E-14
ENSG00000082438	COBLL1	0.122895802	0.015103378	4.42326E-14
ENSG00000139537	CCDC65	0.122878913	0.015099227	4.45889E-14
ENSG00000222448	RN7SKP150	0.122859216	0.015094387	4.5008E-14
ENSG00000004059	ARF5	0.122859113	0.015094362	4.34549E-13
ENSG00000137834	SMAD6	0.122859036	0.015094343	4.50118E-14
ENSG00000264056	MIR5685	0.122774859	0.015073666	4.6847E-14

ENSG00000165185	KIAA1958	0.122760039	0.015070027	4.55113E-13
ENSG00000120053	GOT1	0.122747045	0.015066837	4.74694E-14
ENSG00000245498	AP000866.1	0.122742273	0.015065666	4.7577E-14
ENSG00000188542	DUSP28	0.122736965	0.015064363	4.60039E-13
ENSG00000130349	MTRES1	0.122718982	0.015059949	4.81056E-14
ENSG00000157077	ZFYVE9	0.12270926	0.015057562	4.8328E-14
ENSG00000237693	IRGM	0.122700667	0.015055454	4.85254E-14
ENSG00000198482	ZNF808	0.12269663	0.015054463	4.68774E-13
ENSG00000211955	IGHV3-33	0.12268779	0.015052294	4.7071E-13
ENSG00000163737	PF4	0.122683111	0.015051146	4.89311E-14
ENSG00000138593	SECISBP2L	0.122675918	0.015049381	4.90983E-14
ENSG00000114948	ADAM23	0.122667479	0.01504731	4.92952E-14
ENSG00000213465	ARL2	0.122664372	0.015046548	4.75877E-13
ENSG00000106366	SERPINE1	0.122658427	0.01504509	4.77198E-13
ENSG00000112576	CCND3	0.122637139	0.015039868	5.00094E-14

ENSG00000141858	SAMD1	0.122599317	0.015030592	5.0914E-14
ENSG00000066651	TRMT11	0.122580831	0.01502606	5.13619E-14
ENSG00000196781	TLE1	0.122567936	0.015022899	4.97748E-13
ENSG00000113761	ZNF346	0.122541365	0.015016386	5.03946E-13
ENSG00000258441	LINC00641	0.122535063	0.015014842	5.05427E-13
ENSG00000126524	SBDS	0.122529548	0.01501349	5.06727E-13
ENSG00000165512	ZNF22	0.122517761	0.015010602	5.29196E-14
ENSG00000118900	UBN1	0.122469719	0.014998832	5.41372E-14
ENSG00000115350	POLE4	0.122458903	0.014996183	5.44151E-14
ENSG00000112208	BAG2	0.122423183	0.014987436	5.53429E-14
ENSG00000102781	KATNAL1	0.122395346	0.014980621	5.60767E-14
ENSG00000174233	ADCY6	0.122394449	0.014980401	5.61005E-14
ENSG00000170191	NANP	0.12238459	0.014977988	5.42087E-13
ENSG00000204628	RACK1	0.122351242	0.014969826	5.50558E-13
ENSG00000264443	NCMAP-DT	0.122310819	0.014959937	5.61001E-13

ENSG00000171723	GPHN	0.12230911	0.014959518	5.61447E-13
ENSG00000145734	BDP1	0.122289564	0.014954737	5.89533E-14
ENSG00000100314	CABP7	0.122287016	0.014954114	5.90244E-14
ENSG00000131748	STARD3	0.122245788	0.014944033	5.78211E-13
ENSG00000106305	AIMP2	0.122244929	0.014943823	6.02102E-14
ENSG00000139132	FGD4	0.122243129	0.014943383	5.78925E-13
ENSG00000141150	N.A.	0.122234143	0.014941186	5.81347E-13
ENSG00000244945	RUFY1-AS1	0.12222581	0.014939149	5.83601E-13
ENSG00000006634	DBF4	0.122209501	0.014935162	6.12265E-14
ENSG00000263466	AC006441.1	0.122188037	0.014929916	5.93928E-13
ENSG00000087074	PPP1R15A	0.122181306	0.014928272	6.20474E-14
ENSG00000155729	KCTD18	0.122173133	0.014926274	5.98051E-13
ENSG00000134962	KLB	0.122161777	0.0149235	6.26223E-14
ENSG00000163009	N.A.	0.122161365	0.014923399	6.26344E-14
ENSG00000170647	N.A.	0.122160711	0.014923239	6.0151E-13

ENSG0000008710	PKD1	0.122158535	0.014922708	6.27182E-14
ENSG00000197713	RPE	0.122142138	0.014918702	6.06718E-13
ENSG00000105088	OLFM2	0.122141966	0.01491866	6.32108E-14
ENSG00000170160	CCDC144A	0.122141873	0.014918637	3.70863E-12
ENSG00000118363	SPCS2	0.122137349	0.014917532	6.33487E-14
ENSG00000264043	N.A.	0.12209498	0.014907184	6.2014E-13
ENSG00000049656	CLPTM1L	0.122045925	0.014895208	6.34411E-13
ENSG00000262312	AC004494.1	0.122003815	0.014884931	6.74688E-14
ENSG00000180573	H2AC6	0.12200174	0.014884424	6.75349E-14
ENSG00000262362	AC004233.1	0.121994347	0.014882621	6.77707E-14
ENSG00000126777	KTN1	0.121972078	0.014877188	6.84861E-14
ENSG00000159884	CCDC107	0.121946322	0.014870905	6.93228E-14
ENSG00000225342	LRRK2-DT	0.121940023	0.014869369	6.95289E-14
ENSG00000110011	DNAJC4	0.121923128	0.014865249	7.00848E-14
ENSG00000240891	PLCXD2	0.121921742	0.014864911	7.01306E-14

ENSG00000233369	GTF2IP4	0.121918928	0.014864225	7.02236E-14
ENSG00000211667	IGLV3-12	0.121868915	0.014852032	7.18981E-14
ENSG00000182318	ZSCAN22	0.121867795	0.014851759	6.88999E-13
ENSG00000230424	EMC1-AS1	0.121856164	0.014848925	7.23313E-14
ENSG00000074935	TUBE1	0.121836034	0.014844019	7.30203E-14
ENSG00000180316	PNPLA1	0.121829813	0.014842503	7.32346E-14
ENSG00000128000	ZNF780B	0.121813471	0.014838522	7.06545E-13
ENSG00000198711	SSBP3-AS1	0.121752756	0.014823734	7.59402E-14
ENSG00000119782	FKBP1B	0.121719815	0.014815713	7.71265E-14
ENSG00000237647	N.A.	0.121698919	0.014810627	4.53711E-12
ENSG00000144655	CSRNP1	0.121601216	0.014786856	8.15505E-14
ENSG00000260490	MYL12BP1	0.121559623	0.014776742	8.31603E-14
ENSG00000253483	AC104561.2	0.121548906	0.014774137	8.35801E-14
ENSG00000156928	MALSU1	0.121532399	0.014770124	8.42309E-14
ENSG00000145916	RMND5B	0.121517458	0.014766493	8.48241E-14

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ENSG00000197858	GPAA1	0.121491504	0.014760186	8.19911E-13
ENSG00000235101	SETP9	0.121474522	0.01475606	8.6552E-14
ENSG00000167005	NUDT21	0.121470835	0.014755164	8.27769E-13
ENSG00000197057	DTHD1	0.12146693	0.014754215	8.68611E-14
ENSG00000040608	RTN4R	0.121409283	0.014740214	8.51613E-13
ENSG00000104129	DNAJC17	0.121402104	0.014738471	8.95449E-14
ENSG00000158863	FAM160B2	0.121345744	0.01472479	8.76932E-13
ENSG00000244155	CYP4F34P	0.121340761	0.01472358	9.21595E-14
ENSG00000204815	TTC25	0.121269599	0.014706316	9.52867E-14
ENSG00000149480	MTA2	0.121194627	0.014688138	9.40158E-13
ENSG00000248554	C5orf34-AS1	0.121189588	0.014686916	9.42342E-13
ENSG00000114450	GNB4	0.121150649	0.01467748	9.59384E-13
ENSG00000260366	AC026803.1	0.121120421	0.014670156	9.72822E-13
ENSG00000111331	OAS3	0.121109656	0.014667549	1.02701E-13

ENSG00000267321	SNHG30	0.121092517	0.014663398	1.03528E-13
ENSG00000171101	SIGLEC17P	0.121022108	0.014646351	1.01782E-12
ENSG00000184436	THAP7	0.120996744	0.014640212	1.02975E-12
ENSG00000185950	IRS2	0.120992228	0.014639119	1.03189E-12
ENSG00000255974	CYP2A6	0.120987041	0.014637864	1.08765E-13
ENSG00000136908	DPM2	0.120986373	0.014637703	1.08799E-13
ENSG00000096092	TMEM14A	0.120982807	0.01463684	1.08981E-13
ENSG00000151006	PRSS53	0.120929295	0.014623894	1.11742E-13
ENSG00000186918	ZNF395	0.120898664	0.014616487	1.07722E-12
ENSG00000166226	CCT2	0.120890653	0.01461455	1.13779E-13
ENSG00000185041	N.A.	0.120886682	0.01461359	1.1399E-13
ENSG00000126254	RBM42	0.12088346	0.014612811	1.14162E-13
ENSG00000112511	PHF1	0.12087233	0.01461012	1.09032E-12
ENSG00000187676	B3GLCT	0.120850183	0.014604767	1.15951E-13
ENSG00000127526	SLC35E1	0.120836038	0.014601348	1.16719E-13

ENSG0000083544	TDRD3	0.120829019	0.014599652	1.17103E-13
ENSG00000185946	RNPC3	0.120818868	0.014597199	1.17659E-13
ENSG00000225648	SBDSP1	0.120772296	0.014585947	1.20246E-13
ENSG00000164024	METAP1	0.120765889	0.0145844	1.1449E-12
ENSG00000184900	SUMO3	0.120736269	0.014577247	1.22285E-13
ENSG00000140365	COMMD4	0.120686901	0.014565328	1.18713E-12
ENSG00000155876	RRAGA	0.120669221	0.014561061	1.19679E-12
ENSG00000267278	MAP3K14-AS1	0.120623019	0.014549913	1.2892E-13
ENSG00000144824	PHLDB2	0.120613464	0.014547608	1.29495E-13
ENSG00000123240	OPTN	0.120607419	0.01454615	1.29861E-13
ENSG00000110375	UPK2	0.120598137	0.014543911	1.30424E-13
ENSG00000244357	RN7SL145P	0.120575922	0.014538553	1.31782E-13
ENSG00000161281	COX7A1	0.120522589	0.014525694	1.35098E-13
ENSG00000186575	NF2	0.120497585	0.014519668	1.36681E-13
ENSG00000090861	AARS1	0.120470864	0.014513229	1.38392E-13

ENSG00000186951	PPARA	0.120462137	0.014511127	1.31584E-12
ENSG00000261451	AC104964.2	0.120461674	0.014511015	1.38986E-13
ENSG00000181610	MRPS23	0.120419058	0.01450075	1.41771E-13
ENSG00000145002	FAM86B2	0.120409872	0.014498537	1.42379E-13
ENSG00000134086	VHL	0.120380595	0.014491488	1.44332E-13
ENSG00000133265	HSPBP1	0.120372076	0.014489437	1.37117E-12
ENSG00000136643	RPS6KC1	0.12035894	0.014486274	1.45794E-13
ENSG00000253251	SHLD3	0.12033787	0.014481203	1.4723E-13
ENSG00000145216	FIP1L1	0.120331514	0.014479673	1.39683E-12
ENSG00000173889	PHC3	0.120309377	0.014474346	1.49194E-13
ENSG00000004779	NDUFAB1	0.120306893	0.014473748	1.41264E-12
ENSG00000006194	ZNF263	0.120289328	0.014469522	1.50592E-13
ENSG00000065548	ZC3H15	0.120260199	0.014462516	1.44309E-12
ENSG00000066322	ELOVL1	0.120225909	0.014454269	1.55098E-13
ENSG00000163634	THOC7	0.120204751	0.014449182	1.4801E-12

ENSG00000188738	FSIP2	0.120196198	0.014447126	1.57254E-13
ENSG00000109927	TECTA	0.1201795	0.014443112	1.58479E-13
ENSG00000269227	N.A.	0.120165324	0.014439705	1.59526E-13
ENSG00000242282	AC108488.1	0.1201046	0.014425115	1.54931E-12
ENSG00000189159	JPT1	0.120104597	0.014425114	1.64089E-13
ENSG00000179148	ALOXE3	0.120073778	0.014417712	1.66453E-13
ENSG00000154144	TBRG1	0.120064728	0.014415539	1.57774E-12
ENSG00000232259	AL158166.2	0.120026668	0.014406401	1.60536E-12
ENSG00000178921	PFAS	0.120026208	0.014406291	1.60569E-12
ENSG00000072134	EPN2	0.120008466	0.014402032	1.71575E-13
ENSG00000110958	PTGES3	0.120002829	0.014400679	1.72025E-13
ENSG00000233084	RPL23AP25	0.120000862	0.014400207	1.62435E-12
ENSG00000270105	N.A.	0.119982148	0.014395716	9.83926E-12
ENSG00000184984	CHRM5	0.119970199	0.014392849	1.74648E-13
ENSG00000129654	FOXJ1	0.11994544	0.014386909	1.66589E-12

ENSG00000233967	AL359715.1	0.119937894	0.014385098	1.77284E-13
ENSG00000123700	KCNJ2	0.119930894	0.014383419	1.67696E-12
ENSG00000188566	NDOR1	0.119926005	0.014382247	1.6807E-12
ENSG00000188878	FBF1	0.119924148	0.014381801	1.68212E-12
ENSG00000267266	N.A.	0.119917651	0.014380243	1.78956E-13
ENSG00000205572	SERF1B	0.119907115	0.014377716	1.69522E-12
ENSG00000236519	LINC01424	0.119876826	0.014370453	1.82374E-13
ENSG00000198924	DCLRE1A	0.11985533	0.0143653	1.842E-13
ENSG00000105176	URI1	0.119852321	0.014364579	1.84457E-13
ENSG00000149792	MRPL49	0.119836468	0.014360779	1.85817E-13
ENSG00000151491	EPS8	0.119814051	0.014355407	1.87756E-13
ENSG00000268713	AC005261.3	0.1198066	0.014353621	1.77458E-12
ENSG00000140983	RHOT2	0.119796347	0.014351165	1.89302E-13
ENSG00000177125	ZBTB34	0.119795875	0.014351052	1.89343E-13
ENSG00000238246	AC069549.1	0.119782862	0.014347934	1.90488E-13

ENSG00000255507	UVRAG-DT	0.119781906	0.014347705	1.79463E-12
ENSG00000140675	SLC5A2	0.119750712	0.014340233	1.93345E-13
ENSG00000166575	TMEM135	0.119732989	0.014335989	1.94937E-13
ENSG00000172458	IL17D	0.119686978	0.014324973	1.99133E-13
ENSG00000092978	GPATCH2	0.119677668	0.014322744	1.99992E-13
ENSG00000138131	LOXL4	0.119673823	0.014321824	2.00348E-13
ENSG00000104679	R3HCC1	0.119647759	0.014315586	1.90748E-12
ENSG00000038274	MAT2B	0.119623677	0.014309824	1.92846E-12
ENSG00000064652	SNX24	0.119619391	0.014308799	2.05456E-13
ENSG00000229519	AL591866.1	0.119599556	0.014304054	2.07349E-13
ENSG00000161031	PGLYRP2	0.119596564	0.014303338	2.07636E-13
ENSG00000177034	MTX3	0.119577008	0.014298661	2.09522E-13
ENSG00000261360	AC010491.1	0.119561835	0.014295032	2.10997E-13
ENSG00000162688	AGL	0.119557315	0.014293951	2.11438E-13
ENSG00000107779	BMPR1A	0.119555345	0.014293481	2.11631E-13

ENSG00000176222	ZNF404	0.119545059	0.014291021	1.99855E-12
ENSG00000160654	CD3G	0.1195344	0.014288473	2.00825E-12
ENSG00000130733	YIPF2	0.119504714	0.014281377	2.1664E-13
ENSG00000260249	AC007608.3	0.119498252	0.014279832	2.04146E-12
ENSG00000105738	SIPA1L3	0.119486585	0.014277044	2.0523E-12
ENSG00000242154	AC004884.2	0.11948621	0.014276954	2.185E-13
ENSG00000197044	ZNF441	0.119473265	0.014273861	2.1981E-13
ENSG00000135801	TAF5L	0.119462655	0.014271326	2.0747E-12
ENSG00000179388	EGR3	0.119456583	0.014269875	2.21511E-13
ENSG00000143436	MRPL9	0.119433342	0.014264323	2.10247E-12
ENSG00000187735	TCEA1	0.119432261	0.014264065	2.24012E-13
ENSG00000121039	RDH10	0.119420691	0.014261301	2.11457E-12
ENSG00000174013	FBXO45	0.119417721	0.014260592	2.25521E-13
ENSG00000125991	ERGIC3	0.119415227	0.014259996	2.25781E-13
ENSG00000081087	OSTM1	0.119398148	0.014255918	2.27568E-13

ENSG00000114978	MOB1A	0.119369401	0.014249054	2.16431E-12
ENSG00000000971	CFH	0.119355453	0.014245724	2.32096E-13
ENSG00000163738	MTHFD2L	0.119327769	0.014239116	2.3508E-13
ENSG00000197756	RPL37A	0.119306735	0.014234097	2.22665E-12
ENSG00000205302	SNX2	0.119295311	0.014231371	2.38626E-13
ENSG00000198590	C3orf35	0.119285424	0.014229012	2.24825E-12
ENSG00000077097	TOP2B	0.119280953	0.014227946	2.40211E-13
ENSG00000067560	RHOA	0.119274255	0.014226348	2.25965E-12
ENSG00000233899	N.A.	0.119242896	0.014218868	2.44463E-13
ENSG00000146955	RAB19	0.119230419	0.014215893	2.45873E-13
ENSG00000167765	N.A.	0.11922301	0.014214126	2.46714E-13
ENSG00000249786	EAF1-AS1	0.11922296	0.014214114	2.4672E-13
ENSG00000267249	AP005482.2	0.119183796	0.014204777	2.51213E-13
ENSG00000006625	GGCT	0.119144427	0.014195395	2.55811E-13
ENSG00000196118	CCDC189	0.119112532	0.014187795	2.43124E-12

ENSG00000138315	OIT3	0.119090663	0.014182586	2.4554E-12
ENSG00000196588	MRTFA	0.11907891	0.014179787	2.63646E-13
ENSG00000154146	NRGN	0.119067265	0.014177014	2.48152E-12
ENSG00000176994	SMCR8	0.119065888	0.014176686	2.65231E-13
ENSG00000149136	SSRP1	0.119064991	0.014176472	2.48407E-12
ENSG00000187045	TMPRSS6	0.119054692	0.01417402	2.66601E-13
ENSG00000139636	LMBR1L	0.119042002	0.014170998	2.51002E-12
ENSG00000168564	CDKN2AIP	0.1190179	0.01416526	2.53751E-12
ENSG00000148288	GBGT1	0.119016438	0.014164913	1.51299E-11
ENSG00000104964	TLE5	0.119016314	0.014164883	2.71352E-13
ENSG00000133114	GPALPP1	0.119015343	0.014164652	2.54044E-12
ENSG00000137825	ITPKA	0.118988535	0.014158272	2.74842E-13
ENSG00000163633	C4orf36	0.118970221	0.014153914	2.77167E-13
ENSG00000124782	RREB1	0.118962551	0.014152089	2.78146E-13
ENSG00000099204	ABLIM1	0.118941344	0.014147043	2.80872E-13

ENSG00000234741	GAS5	0.118921331	0.014142283	2.83468E-13
ENSG00000265749	AC135178.4	0.118906297	0.014138707	2.85434E-13
ENSG00000173614	NMNAT1	0.118903867	0.01413813	2.85753E-13
ENSG00000086232	EIF2AK1	0.118889121	0.014134623	2.68946E-12
ENSG00000205869	KRTAP5-1	0.118879589	0.014132357	2.8896E-13
ENSG00000197594	ENPP1	0.118873799	0.01413098	2.70813E-12
ENSG00000234198	N.A.	0.118851089	0.014125581	2.73603E-12
ENSG00000270157	AC004918.3	0.118817613	0.014117625	2.97307E-13
ENSG00000105429	MEGF8	0.118817304	0.014117552	2.77805E-12
ENSG00000260190	AL807752.5	0.118800689	0.014113604	2.99627E-13
ENSG00000261005	N.A.	0.118787313	0.014110426	3.01473E-13
ENSG00000085999	RAD54L	0.118781022	0.014108931	3.02345E-13
ENSG00000131899	LLGL1	0.118771133	0.014106582	3.03721E-13
ENSG00000211648	IGLV1-47	0.11874617	0.014100653	2.86861E-12
ENSG00000205611	LINC01597	0.118726323	0.01409594	3.10034E-13

ENSG00000108021	TASOR2	0.118709692	0.014091991	3.12409E-13
ENSG00000072201	LNX1	0.118704934	0.014090861	3.13092E-13
ENSG00000110090	CPT1A	0.118703394	0.014090496	3.13314E-13
ENSG00000165688	PMPCA	0.118700639	0.014089842	2.92809E-12
ENSG00000083635	NUFIP1	0.118680662	0.0140851	3.16599E-13
ENSG00000247121	AC009126.1	0.118640497	0.014075568	3.22487E-13
ENSG00000100345	MYH9	0.11862568	0.014072052	3.02866E-12
ENSG00000243243	AC073130.2	0.11861468	0.014069442	3.0437E-12
ENSG00000090013	BLVRB	0.118607025	0.014067626	3.27475E-13
ENSG00000204388	HSPA1B	0.118572212	0.014059369	3.10245E-12
ENSG00000204348	DXO	0.118561878	0.014056919	3.34324E-13
ENSG00000197361	FBXL22	0.118515663	0.014045962	3.4148E-13
ENSG00000168818	STX18	0.118513469	0.014045442	3.41823E-13
ENSG00000182584	ACTL10	0.118506435	0.014043775	3.42927E-13
ENSG00000011009	LYPLA2	0.118468065	0.014034682	3.49007E-13

ENSG00000269481	AC010319.4	0.118439252	0.014027856	3.53643E-13
ENSG00000115806	GORASP2	0.118431839	0.0140261	3.30469E-12
ENSG00000113638	TTC33	0.118404886	0.014019717	3.59251E-13
ENSG00000166592	RRAD	0.118395532	0.014017502	3.35907E-12
ENSG00000245317	AC008393.1	0.118376464	0.014012987	3.63955E-13
ENSG00000091879	ANGPT2	0.118356383	0.014008233	3.41869E-12
ENSG00000239571	IGKV2D-30	0.118339215	0.01400417	3.70212E-13
ENSG00000213341	CHUK	0.118302072	0.01399538	3.76556E-13
ENSG00000057935	MTA3	0.118299604	0.013994796	3.76981E-13
ENSG00000177917	ARL6IP6	0.118280508	0.013990279	3.80288E-13
ENSG00000226624	AC005099.1	0.118271401	0.013988124	3.5517E-12
ENSG00000050393	MCUR1	0.11827076	0.013987973	3.55272E-12
ENSG00000151239	TWF1	0.118265146	0.013986645	3.82968E-13
ENSG00000005100	DHX33	0.118264887	0.013986583	3.5621E-12
ENSG00000065150	IPO5	0.1182339	0.013979255	3.88478E-13

ENSG00000243560	RN7SL364P	0.118200876	0.013971447	3.94386E-13
ENSG00000159917	ZNF235	0.11818314	0.013967255	3.97595E-13
ENSG00000196935	SRGAP1	0.118159404	0.013961645	4.0193E-13
ENSG00000264133	N.A.	0.118152723	0.013960066	4.03159E-13
ENSG00000263400	TMEM220-AS1	0.118150453	0.013959529	4.03577E-13
ENSG00000108819	PPP1R9B	0.118117048	0.013951637	4.09781E-13
ENSG00000138160	KIF11	0.118085101	0.013944091	4.15803E-13
ENSG00000062716	VMP1	0.11805127	0.013936102	4.22274E-13
ENSG00000099194	SCD	0.117996941	0.013923278	4.32873E-13
ENSG00000185633	NDUFA4L2	0.117980016	0.013919284	4.36228E-13
ENSG00000120533	ENY2	0.117964706	0.013915672	4.39285E-13
ENSG00000033867	SLC4A7	0.117950889	0.013912412	4.42061E-13
ENSG00000258405	ZNF578	0.117943628	0.013910699	4.11392E-12
ENSG00000170231	FABP6	0.117936965	0.013909128	4.44877E-13
ENSG00000241641	RPS23P6	0.117933999	0.013908428	4.45479E-13

ENSG00000178057	NDUFAF3	0.117929214	0.0139073	4.46452E-13
ENSG00000196961	AP2A1	0.117921334	0.013905441	2.45361E-11
ENSG00000211840	TRAJ49	0.117913003	0.013903476	4.49764E-13
ENSG00000205133	TRIQQ	0.117909056	0.013902546	4.17808E-12
ENSG00000111206	FOXN1	0.117907214	0.013902111	4.50952E-13
ENSG00000245869	AP004609.1	0.117906435	0.013901927	4.51112E-13
ENSG00000131375	CAPN7	0.117872087	0.013893829	4.24777E-12
ENSG00000070770	CSNK2A2	0.117826392	0.013883059	4.67871E-13
ENSG00000230530	LIMD1-AS1	0.117822643	0.013882175	4.6867E-13
ENSG00000251578	TRBV21-1	0.117784569	0.013873205	4.76868E-13
ENSG00000174720	LARP7	0.117782017	0.013872604	4.77423E-13
ENSG00000139675	HNRNPA1L2	0.117779038	0.013871902	4.42827E-12
ENSG00000173114	LRRN3	0.117765524	0.013868719	4.81022E-13
ENSG00000235617	AC016027.4	0.117752664	0.01386569	4.48078E-12
ENSG00000111530	CAND1	0.117746981	0.013864351	4.851E-13

ENSG00000229106	BTBD6P1	0.117734811	0.013861486	4.87795E-13
ENSG00000179454	KLHL28	0.117716795	0.013857244	4.91811E-13
ENSG00000006576	PHTF2	0.117644054	0.013840123	4.70355E-12
ENSG00000204176	SYT15	0.117624583	0.013835543	4.74461E-12
ENSG00000137168	PPIL1	0.117620313	0.013834538	5.13879E-13
ENSG00000228655	AC079793.1	0.117591848	0.013827843	4.81445E-12
ENSG00000136457	CHAD	0.117518793	0.013810667	5.38148E-13
ENSG00000076043	REXO2	0.117516323	0.013810086	5.38752E-13
ENSG00000260837	N.A.	0.117513187	0.013809349	5.39521E-13
ENSG00000227492	AL138921.1	0.117499369	0.013806102	5.42918E-13
ENSG00000243789	JMJD7	0.117497695	0.013805708	5.43331E-13
ENSG00000228487	AL450263.1	0.117452511	0.013795092	5.54597E-13
ENSG00000159069	FBXW5	0.117449569	0.013794401	5.55338E-13
ENSG00000261087	ZNNT1	0.117401704	0.01378316	5.2405E-12
ENSG00000125447	GGA3	0.117397821	0.013782248	5.68539E-13

ENSG00000120137	PANK3	0.117391527	0.013780771	5.70166E-13
ENSG00000103740	ACSBG1	0.117385971	0.013779466	5.71605E-13
ENSG00000248334	WHAMMP2	0.117356214	0.013772481	5.34778E-12
ENSG00000116906	GNPAT	0.117348653	0.013770706	5.81368E-13
ENSG00000225113	AL355310.1	0.117344908	0.013769827	5.82356E-13
ENSG00000174799	CEP135	0.117314283	0.013762641	5.44858E-12
ENSG00000109133	TMEM33	0.117294726	0.013758053	5.95764E-13
ENSG00000255438	AL354813.1	0.117294323	0.013757958	5.49721E-12
ENSG00000143365	RORC	0.117286768	0.013756186	5.97918E-13
ENSG00000260916	CCPG1	0.117270011	0.013752255	6.02478E-13
ENSG00000180596	H2BC4	0.117227542	0.013742296	6.1419E-13
ENSG00000259863	SH3RF3-AS1	0.117223272	0.013741296	6.1538E-13
ENSG00000174738	NR1D2	0.117218449	0.013740165	6.16726E-13
ENSG00000181472	ZBTB2	0.117201957	0.013736299	5.72786E-12
ENSG00000068028	RASSF1	0.117189699	0.013733426	5.75917E-12

ENSG00000156976	EIF4A2	0.117184376	0.013732178	5.77282E-12
ENSG00000173137	ADCK5	0.117168368	0.013728426	6.30881E-13
ENSG00000100591	AHSA1	0.117166482	0.013727985	6.3142E-13
ENSG00000131795	N.A.	0.117159331	0.013726309	6.33469E-13
ENSG00000256185	AC055720.2	0.117151497	0.013724473	6.35721E-13
ENSG00000232874	AC080129.2	0.117049772	0.013700649	6.12873E-12
ENSG00000172824	CES4A	0.116995286	0.013687897	6.823E-13
ENSG00000257802	MRS2P2	0.116990215	0.01368671	6.83867E-13
ENSG00000162676	GF11	0.116985159	0.013685527	6.85432E-13
ENSG00000150459	SAP18	0.116982242	0.013684845	6.86337E-13
ENSG00000125434	SLC25A35	0.116978102	0.013683876	6.32692E-12
ENSG00000267348	GEMIN7-AS1	0.116944683	0.013676059	6.98094E-13
ENSG00000090975	PITPNM2	0.116937602	0.013674403	7.00333E-13
ENSG00000158615	PPP1R15B	0.116920907	0.013670498	6.48958E-12
ENSG00000115271	GCA	0.116905809	0.013666968	6.53319E-12

ENSG00000175482	POLD4	0.116899589	0.013665514	6.55125E-12
ENSG00000173805	HAP1	0.116886024	0.013662343	6.59079E-12
ENSG00000103089	FA2H	0.11687441	0.013659628	6.62483E-12
ENSG00000229056	HECW2-AS1	0.11685011	0.013653948	7.28581E-13
ENSG00000100583	SAMD15	0.116842013	0.013652056	7.31251E-13
ENSG00000105058	FAM32A	0.116791743	0.013640311	6.87214E-12
ENSG00000163486	N.A.	0.11677693	0.013636851	7.53064E-13
ENSG00000175197	DDIT3	0.116761087	0.013633151	6.96613E-12
ENSG00000211828	TRDJ3	0.116752548	0.013631157	7.614E-13
ENSG00000107625	DDX50	0.116704108	0.013619849	7.14419E-12
ENSG00000103540	CCP110	0.116676995	0.013613521	7.87807E-13
ENSG00000181638	ZFP41	0.116661566	0.013609921	7.9331E-13
ENSG00000180357	ZNF609	0.116652276	0.013607754	7.31004E-12
ENSG00000185869	ZNF829	0.116617594	0.013599663	8.09199E-13
ENSG00000256280	ATP5MGP1	0.116610828	0.013598085	8.11671E-13

ENSG00000142541	RPL13A	0.116573425	0.013589363	4.41988E-11
ENSG00000211821	TRDV2	0.116551153	0.013584171	8.33801E-13
ENSG00000133627	ACTR3B	0.116530641	0.01357939	8.41543E-13
ENSG00000136897	MRPL50	0.116510518	0.013574701	8.49208E-13
ENSG00000065135	GNAI3	0.116499621	0.013572162	7.82072E-12
ENSG00000036549	ZZZ3	0.116478899	0.013567334	8.61389E-13
ENSG00000197601	FAR1	0.116436526	0.013557465	8.77982E-13
ENSG00000176619	LMNB2	0.116418826	0.013553343	8.85006E-13
ENSG00000140859	KIFC3	0.116400425	0.013549059	8.17113E-12
ENSG00000177463	NR2C2	0.11636803	0.013541518	9.0547E-13
ENSG00000174721	FGFBP3	0.116354641	0.013538402	9.10941E-13
ENSG00000159753	CARMIL2	0.116320616	0.013530486	9.24991E-13
ENSG00000150776	NKAPD1	0.116302577	0.013526289	9.32526E-13
ENSG00000158552	ZFAND2B	0.116299346	0.013525538	8.54402E-12
ENSG00000123353	ORMDL2	0.116212105	0.013505253	9.71232E-13

ENSG00000150760	DOCK1	0.116201139	0.013502705	8.92226E-12
ENSG00000104853	CLPTM1	0.116200944	0.013502659	9.76115E-13
ENSG00000189430	NCR1	0.116200805	0.013502627	9.76176E-13
ENSG00000129197	RPAIN	0.116189968	0.013500109	9.80941E-13
ENSG00000263244	AC087190.3	0.116177864	0.013497296	9.01428E-12
ENSG00000151929	BAG3	0.116162728	0.013493779	9.93018E-13
ENSG00000091009	RBM27	0.116153769	0.013491698	9.97022E-13
ENSG00000125386	FAM193A	0.116148804	0.013490545	9.99247E-13
ENSG00000204869	IGFL4	0.116146772	0.013490073	9.13866E-12
ENSG00000105849	POLR1F	0.116040512	0.013465401	9.57656E-12
ENSG00000199643	RNU4-90P	0.116026105	0.013462057	1.05583E-12
ENSG00000116898	MRPS15	0.115986062	0.013452767	1.07496E-12
ENSG00000173401	GLIPR1L1	0.115984101	0.013452312	1.07591E-12
ENSG00000256347	OR8R1P	0.115973468	0.013449845	1.08105E-12
ENSG00000267937	N.A.	0.115964348	0.01344773	9.90302E-12

ENSG00000165923	AGBL2	0.11593755	0.013441516	1.0986E-12
ENSG00000059145	UNKL	0.11592843	0.013439401	1.00607E-11
ENSG00000141720	N.A.	0.115917004	0.013436752	1.10877E-12
ENSG00000139343	SNRPF	0.115907167	0.013434471	1.11366E-12
ENSG00000120885	CLU	0.115905661	0.013434122	1.11442E-12
ENSG00000100578	KIAA0586	0.11589912	0.013432606	1.11769E-12
ENSG00000204519	ZNF551	0.115889532	0.013430384	1.02343E-11
ENSG00000211593	IGKJ5	0.115887609	0.013429938	1.12347E-12
ENSG00000164845	FAM86FP	0.11588549	0.013429447	1.02525E-11
ENSG00000169016	E2F6	0.115871528	0.013426211	1.13159E-12
ENSG00000132388	UBE2G1	0.115862735	0.013424173	1.13606E-12
ENSG00000153037	SRP19	0.115843799	0.013419786	1.14574E-12
ENSG00000160888	IER2	0.115824058	0.013415212	1.05331E-11
ENSG00000234043	NUDT9P1	0.115806765	0.013411207	1.06135E-11
ENSG00000111801	BTN3A3	0.115778265	0.013404607	1.07472E-11

ENSG00000234332	BCAS2P2	0.115739467	0.013395624	1.20053E-12
ENSG00000116044	NFE2L2	0.115710194	0.013388849	1.10733E-11
ENSG00000164045	CDC25A	0.115702172	0.013386992	1.22073E-12
ENSG00000266405	CBX3P2	0.115648114	0.013374486	1.25061E-12
ENSG00000266053	NDUFV2-AS1	0.115642128	0.013373102	1.1409E-11
ENSG00000143379	SETDB1	0.115641998	0.013373072	1.25403E-12
ENSG00000167258	CDK12	0.115591908	0.013361489	1.16631E-11
ENSG00000155621	C9orf85	0.115567702	0.013355894	1.29638E-12
ENSG00000185104	FAF1	0.115542973	0.013350179	1.31079E-12
ENSG00000232713	RPS12P3	0.11554033	0.013349568	1.19299E-11
ENSG00000137492	THAP12	0.115536634	0.013348714	1.3145E-12
ENSG00000255748	N.A.	0.115511288	0.013342858	1.32947E-12
ENSG00000105538	RASIP1	0.115509242	0.013342385	1.33069E-12
ENSG00000137842	TMEM62	0.11544216	0.013326892	1.24542E-11
ENSG00000119138	KLF9	0.115441589	0.013326761	1.3715E-12

ENSG00000211653	IGLV1-40	0.115429149	0.013323888	1.37913E-12
ENSG00000196159	FAT4	0.11541772	0.01332125	1.38619E-12
ENSG00000259417	CTXND1	0.11536033	0.013308006	1.42214E-12
ENSG00000237877	LINC01473	0.115357665	0.013307391	1.42383E-12
ENSG00000129749	CHRNA10	0.115338584	0.013302989	1.30318E-11
ENSG00000213790	OLA1P1	0.115334063	0.013301946	1.4389E-12
ENSG00000185666	SYN3	0.115319417	0.013298568	1.44833E-12
ENSG00000130940	CASZ1	0.115266104	0.013286275	1.34516E-11
ENSG00000211749	TRBV23-1	0.115258917	0.013284618	1.48793E-12
ENSG00000211770	TRBJ2-6	0.115255293	0.013283783	1.35153E-11
ENSG00000248514	AC008443.3	0.115245404	0.013281503	1.49691E-12
ENSG00000100941	PNN	0.11520746	0.013272759	1.52244E-12
ENSG00000171824	EXOSC10	0.115196937	0.013270334	1.52959E-12
ENSG00000155438	NIFK	0.115188861	0.013268474	1.5351E-12
ENSG00000164611	PTTG1	0.115185934	0.013267799	1.53711E-12

ENSG00000241288	LINC02614	0.115180118	0.01326646	1.39668E-11
ENSG00000169857	AVEN	0.115162873	0.013262487	1.55297E-12
ENSG00000261857	MIA	0.115060051	0.013238815	1.62571E-12
ENSG00000198026	ZNF335	0.11502618	0.013231022	1.65039E-12
ENSG00000220583	RPL35P2	0.115011106	0.013227554	1.66149E-12
ENSG00000231889	TRAF3IP2-AS1	0.114999009	0.013224772	1.67045E-12
ENSG00000177369	FLJ40194	0.114990178	0.013222741	1.67702E-12
ENSG00000150907	FOXO1	0.114963343	0.01321657	1.53528E-11
ENSG00000169508	GPR183	0.114933572	0.013209726	1.71976E-12
ENSG00000258534	AL132712.1	0.114926938	0.013208201	1.72484E-12
ENSG00000218631	AL117344.1	0.114916866	0.013205886	9.02112E-11
ENSG00000077157	PPP1R12B	0.114890845	0.013199906	1.75273E-12
ENSG00000163635	ATXN7	0.114873142	0.013195839	1.76657E-12
ENSG00000126262	FFAR2	0.114834607	0.013186987	1.62388E-11
ENSG00000083312	TNPO1	0.114820258	0.013183692	1.80855E-12

ENSG00000244274	DBNDD2	0.114780422	0.013174545	1.66266E-11
ENSG00000163746	PLSCR2	0.114779237	0.013174273	1.66352E-11
ENSG00000176225	RTTN	0.114762907	0.013170525	1.67538E-11
ENSG00000162367	TAL1	0.114757193	0.013169213	1.67955E-11
ENSG00000163625	WDFY3	0.114730854	0.013163169	1.88176E-12
ENSG00000158473	CD1D	0.114676009	0.013150587	1.73994E-11
ENSG00000256590	TRDV3	0.114640334	0.013142406	1.76715E-11
ENSG00000259703	N.A.	0.114629806	0.013139993	1.0197E-10
ENSG00000214212	C19orf38	0.114627107	0.013139374	1.77734E-11
ENSG00000235257	ITGA9-AS1	0.114612786	0.013136091	1.9829E-12
ENSG00000253930	TNFRSF10A-AS1	0.114600837	0.013133352	1.79775E-11
ENSG00000181035	SLC25A42	0.114585563	0.013129851	2.00697E-12
ENSG00000198001	IRAK4	0.114510335	0.013112617	2.07498E-12
ENSG00000090447	TFAP4	0.114507493	0.013111966	2.07759E-12
ENSG00000156831	NSMCE2	0.114498496	0.013109906	1.87949E-11

ENSG00000110367	DDX6	0.114451611	0.013099171	2.12963E-12
ENSG00000165219	GAPVD1	0.114428611	0.013093907	2.15142E-12
ENSG00000067066	SP100	0.114386083	0.013084176	1.97347E-11
ENSG00000188976	NOC2L	0.114358587	0.013077886	2.21911E-12
ENSG00000129757	CDKN1C	0.114336959	0.01307294	2.24044E-12
ENSG00000258655	ARHGAP5-AS1	0.114327743	0.013070833	2.24958E-12
ENSG00000182324	KCNJ14	0.114321602	0.013069429	2.2557E-12
ENSG00000127334	DYRK2	0.114321527	0.013069412	2.0295E-11
ENSG00000074842	MYDGF	0.114293963	0.01306311	1.17639E-10
ENSG00000251582	N.A.	0.114254205	0.013054023	2.3239E-12
ENSG00000168522	FNTA	0.114247028	0.013052383	2.09611E-11
ENSG00000151413	NUBPL	0.114217619	0.013045665	2.36177E-12
ENSG00000095637	SORBS1	0.114193753	0.013040213	2.14504E-11
ENSG00000167281	RBFOX3	0.114187789	0.013038851	2.15059E-11
ENSG00000140939	NOL3	0.114177328	0.013036462	2.16035E-11

ENSG00000253522	MIR3142HG	0.114176822	0.013036347	2.16083E-11
ENSG00000204308	RNF5	0.114172156	0.013035281	2.40967E-12
ENSG00000211787	TRAV8-3	0.114139491	0.013027823	2.19603E-11
ENSG00000171425	ZNF581	0.114139314	0.013027783	2.44486E-12
ENSG00000172007	RAB33B	0.11409642	0.013017993	2.49158E-12
ENSG00000099954	CECR2	0.114082578	0.013014835	2.25079E-11
ENSG00000253395	AP003469.2	0.114054799	0.013008497	2.53776E-12
ENSG00000165916	PSMC3	0.114042576	0.013005709	2.55147E-12
ENSG00000100319	ZMAT5	0.114039988	0.013005119	2.55439E-12
ENSG00000200953	Y_RNA	0.114034471	0.013003861	2.56061E-12
ENSG00000109670	FBXW7	0.114026255	0.013001987	2.56991E-12
ENSG00000205927	OLIG2	0.114020928	0.013000772	2.31161E-11
ENSG00000183542	KLRC4	0.114010201	0.012998326	2.58816E-12
ENSG00000137055	PLAA	0.114002292	0.012996523	2.5972E-12
ENSG00000170348	TMED10	0.113997631	0.01299546	2.60255E-12

ENSG00000172315	TP53RK	0.113978322	0.012991058	2.35459E-11
ENSG00000106086	PLEKHA8	0.113970912	0.012989369	2.63338E-12
ENSG00000119927	GPAM	0.113906821	0.012974764	2.70881E-12
ENSG00000113924	HGD	0.11389403	0.01297185	2.72412E-12
ENSG00000110042	DTX4	0.113875008	0.012967517	2.74704E-12
ENSG00000267724	AC012254.3	0.113836014	0.012958638	2.79461E-12
ENSG00000163520	FBLN2	0.11379557	0.012949432	2.54796E-11
ENSG00000111269	CREBL2	0.11372948	0.012934395	2.92874E-12
ENSG00000231123	SPATA20P1	0.113652811	0.012916961	3.02916E-12
ENSG00000070214	SLC44A1	0.113618909	0.012909256	2.74963E-11
ENSG00000135253	KCP	0.11360255	0.012905539	3.09681E-12
ENSG00000132763	MMACHC	0.113598131	0.012904535	3.10282E-12
ENSG00000226738	N.A.	0.113569227	0.012897969	3.14247E-12
ENSG00000158019	BABAM2	0.11356146	0.012896205	2.81852E-11
ENSG00000144357	UBR3	0.113556371	0.012895049	2.8247E-11

ENSG00000267317	AC027307.2	0.113517954	0.012886326	2.87181E-11
ENSG00000138193	PLCE1	0.1134932	0.012880706	3.24915E-12
ENSG00000266126	AC005730.3	0.113469209	0.012875261	3.28354E-12
ENSG00000010319	SEMA3G	0.113464645	0.012874226	3.29012E-12
ENSG00000071073	MGAT4A	0.113460105	0.012873195	3.29668E-12
ENSG00000121858	TNFSF10	0.113447701	0.012870381	3.31468E-12
ENSG00000225059	N.A.	0.113443816	0.012869499	2.9649E-11
ENSG00000042753	AP2S1	0.113405034	0.012860702	3.3773E-12
ENSG00000157999	ANKRD61	0.113398089	0.012859127	3.38761E-12
ENSG00000143815	LBR	0.113333423	0.012844465	3.48503E-12
ENSG00000138642	HERC6	0.113310046	0.012839166	3.52092E-12
ENSG00000270124	AC092127.2	0.1132901	0.012834647	3.55183E-12
ENSG00000161048	NAPEPLD	0.113252308	0.012826085	3.61112E-12
ENSG00000116717	GADD45A	0.113234821	0.012822125	3.24352E-11
ENSG00000170677	SOCS6	0.113217735	0.012818255	3.2674E-11

ENSG00000251139	AC084871.1	0.113182261	0.012810224	3.7236E-12
ENSG00000120949	TNFRSF8	0.113159631	0.012805102	3.76067E-12
ENSG0000022277	RTF2	0.113151491	0.01280326	3.77409E-12
ENSG00000217643	PTGES3P2	0.113138758	0.012800378	3.79518E-12
ENSG00000183111	ARHGEF37	0.113127273	0.01279778	3.8143E-12
ENSG0000011028	MRC2	0.113121877	0.012796559	3.82332E-12
ENSG00000126249	PDCD2L	0.113116197	0.012795274	3.4129E-11
ENSG00000143590	EFNA3	0.113113151	0.012794585	3.83794E-12
ENSG00000175352	NRIP3	0.113109985	0.012793869	3.84326E-12
ENSG00000269890	N.A.	0.113109911	0.012793852	3.42211E-11
ENSG00000168685	IL7R	0.113104179	0.012792555	3.85303E-12
ENSG00000181467	RAP2B	0.113074136	0.01278576	3.47501E-11
ENSG00000099810	MTAP	0.113049049	0.012780087	3.51258E-11
ENSG00000266378	AC005224.2	0.113041071	0.012778284	3.96086E-12
ENSG00000109572	CLCN3	0.113036679	0.012777291	3.96847E-12

ENSG00000197776	KLHDC1	0.113034462	0.01277679	3.97232E-12
ENSG00000159459	UBR1	0.113006108	0.01277038	3.57782E-11
ENSG00000214517	PPME1	0.112965262	0.01276115	3.64097E-11
ENSG00000235501	CNN3-DT	0.112947741	0.012757192	4.12575E-12
ENSG00000077514	POLD3	0.112938885	0.012755192	4.14175E-12
ENSG00000152270	PDE3B	0.112927361	0.012752589	4.16265E-12
ENSG00000197579	TOPORS	0.112893606	0.012744966	4.22446E-12
ENSG00000170043	TRAPPC1	0.112885359	0.012743104	4.2397E-12
ENSG00000203801	LINC00222	0.112832764	0.012731233	4.33817E-12
ENSG00000152082	MZT2B	0.112832722	0.012731223	4.33825E-12
ENSG00000127914	AKAP9	0.112809393	0.012725959	3.89215E-11
ENSG00000120087	N.A.	0.112806562	0.01272532	3.89686E-11
ENSG00000055957	ITIH1	0.112804809	0.012724925	4.39141E-12
ENSG00000133816	MICAL2	0.112793534	0.012722381	3.91863E-11
ENSG00000235823	OLMALINC	0.112723682	0.012706628	4.54958E-12

ENSG00000162086	ZNF75A	0.112701385	0.012701602	4.59402E-12
ENSG00000167962	ZNF598	0.112669415	0.012694397	4.65848E-12
ENSG00000256171	GCSHP4	0.112612856	0.012681655	4.7747E-12
ENSG00000243959	RN7SL684P	0.112609101	0.01268081	4.78252E-12
ENSG00000164068	RNF123	0.112548761	0.012667224	4.90984E-12
ENSG00000163376	KBTD8	0.11252	0.01266075	4.40424E-11
ENSG00000269910	AL049840.3	0.112505169	0.012657413	5.00389E-12
ENSG00000129535	NRL	0.112498467	0.012655905	5.0185E-12
ENSG00000226026	AC092802.1	0.112418037	0.012637815	5.19719E-12
ENSG00000164112	SMIM43	0.112390982	0.012631733	5.25868E-12
ENSG00000061656	SPAG4	0.112361047	0.012625005	5.32756E-12
ENSG00000257303	AC073896.2	0.112353655	0.012623344	5.3447E-12
ENSG00000234281	LANCL1-AS1	0.112318614	0.012615471	5.4267E-12
ENSG00000100479	POLE2	0.11229723	0.012610668	5.47735E-12
ENSG00000146856	AGBL3	0.112277474	0.012606231	4.88372E-11

ENSG00000167615	LENG8	0.11227355	0.01260535	5.53397E-12
ENSG00000206199	ANKUB1	0.112247112	0.012599414	4.94723E-11
ENSG00000254966	AC103974.1	0.112230838	0.012595761	5.63756E-12
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ENSG00000095380	NANS	0.112158046	0.012579427	5.13823E-11
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ENSG00000174093	N.A.	0.112098605	0.012566097	5.97045E-12
ENSG00000228010	AC073343.2	0.112088413	0.012563812	5.9969E-12
ENSG00000260908	AC009093.3	0.112085882	0.012563245	6.00348E-12
ENSG00000268027	AC243960.1	0.112031286	0.012551009	6.14725E-12
ENSG00000266469	AC005288.1	0.11201864	0.012548176	6.18103E-12
ENSG00000149201	CCDC81	0.111972974	0.012537947	6.30453E-12
ENSG00000218226	TATDN2P2	0.111944657	0.012531606	6.38232E-12
ENSG00000165389	SPTSSA	0.111939308	0.012530409	5.63848E-11
ENSG00000215712	TMEM242	0.11193334	0.012529073	5.65277E-11

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ENSG00000228137	AP001469.2	0.111869046	0.012514683	5.80905E-11
ENSG00000136152	COG3	0.111868006	0.012514451	6.59764E-12
ENSG00000123612	ACVR1C	0.11185015	0.012510456	5.85578E-11
ENSG00000109618	SEPSECS	0.11183172	0.012506334	6.70204E-12
ENSG00000233927	RPS28	0.11181285	0.012502113	6.75697E-12
ENSG00000107864	CPEB3	0.111803481	0.012500018	6.78441E-12
ENSG00000172071	EIF2AK3	0.111792512	0.012497566	6.00059E-11
ENSG00000188811	NHLRC3	0.11178352	0.012495555	6.0235E-11
ENSG00000147684	NDUFB9	0.111776248	0.01249393	6.86478E-12
ENSG00000004766	VPS50	0.111769716	0.012492469	6.88419E-12
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ENSG00000164011	ZNF691	0.111739533	0.012485723	6.97461E-12
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ENSG00000239855	IGKV1-6	0.111731054	0.012483828	6.15887E-11
ENSG00000175548	ALG10B	0.111713027	0.0124798	7.05496E-12
ENSG00000167595	PROSER3	0.111651616	0.012466083	7.24464E-12
ENSG00000175354	PTPN2	0.111642154	0.012463971	7.27431E-12
ENSG00000101193	GID8	0.111590247	0.012452383	7.43918E-12
ENSG00000185386	MAPK11	0.111570013	0.012447868	6.59323E-11
ENSG00000260400	AL513534.2	0.111537236	0.012440555	6.68523E-11
ENSG00000267708	RDM1P3	0.111531144	0.012439196	6.70247E-11
ENSG00000078687	TNRC6C	0.111523429	0.012437475	6.72437E-11
ENSG00000131069	ACSS2	0.111499543	0.012432148	6.7926E-11
ENSG00000205423	CNEP1R1	0.11149325	0.012430745	7.75714E-12
ENSG00000252061	RNU6-415P	0.111475784	0.012426851	7.8158E-12
ENSG00000197121	PGAP1	0.111454862	0.012422186	7.88663E-12
ENSG00000106397	PLOD3	0.111409233	0.012412017	7.05673E-11
ENSG00000108312	UBTF	0.111406041	0.012411306	8.05436E-12

ENSG00000166323	C11orf65	0.111401599	0.012410316	8.06979E-12
ENSG00000233836	AC139769.1	0.111376432	0.01240471	8.15778E-12
ENSG00000117640	MTFR1L	0.111304962	0.012388795	8.41282E-12
ENSG00000100385	IL2RB	0.111285786	0.012384526	7.4341E-11
ENSG00000173991	TCAP	0.111285622	0.01238449	7.43461E-11
ENSG00000268756	AC104534.1	0.111284609	0.012384264	8.48686E-12
ENSG00000145198	VWA5B2	0.111265326	0.012379973	8.5576E-12
ENSG00000255585	AL590627.1	0.111257124	0.012378148	7.5245E-11
ENSG00000211818	TRAV39	0.111223235	0.012370608	8.71403E-12
ENSG00000099624	ATP5F1D	0.111221163	0.012370147	8.7218E-12
ENSG00000246203	AL353807.3	0.111173718	0.012359596	8.90164E-12
ENSG00000204524	ZNF805	0.111130423	0.012349971	9.06891E-12
ENSG00000177200	CHD9	0.111116683	0.012346917	9.12264E-12
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ENSG00000226015	CCT8P1	0.111104767	0.012344269	9.16948E-12

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ENSG00000134531	EMP1	0.111075541	0.012337776	9.28538E-12
ENSG00000220378	KRT8P42	0.111073433	0.012337307	8.12994E-11
ENSG00000167232	ZNF91	0.111014486	0.012324216	8.33413E-11
ENSG00000112242	E2F3	0.110999019	0.012320782	9.59568E-12
ENSG00000169733	RFNG	0.110998878	0.012320751	9.59625E-12
ENSG00000260988	AC090260.1	0.110973384	0.012315092	9.70188E-12
ENSG00000237399	PITRM1-AS1	0.110965083	0.01231325	9.73651E-12
ENSG0000064995	TAF11	0.110952124	0.012310374	9.79083E-12
ENSG00000134186	PRPF38B	0.110938232	0.012307291	9.84938E-12
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ENSG00000170270	GON7	0.110894646	0.012297623	8.76485E-11
ENSG00000123146	ADGRE5	0.110891143	0.012296846	8.77776E-11
ENSG00000254718	AL157756.1	0.110872956	0.012292812	1.01291E-11

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ENSG00000182107	TMEM30B	0.11083999	0.012285503	1.02734E-11
ENSG00000092964	DPYSL2	0.110832212	0.012283779	1.03077E-11
ENSG00000138032	PPM1B	0.110804143	0.012277558	1.04325E-11
ENSG00000171861	MRM3	0.110718803	0.012258653	1.0821E-11
ENSG00000235706	DICER1-AS1	0.110666762	0.012247132	9.64478E-11
ENSG00000160633	SAFB	0.110657784	0.012245145	1.11075E-11
ENSG00000143190	POU2F1	0.110646409	0.012242628	1.11618E-11
ENSG00000176182	MYPOP	0.110641914	0.012241633	1.11833E-11
ENSG00000170345	FOS	0.110634679	0.012240032	9.7754E-11
ENSG00000008952	SEC62	0.110610382	0.012234657	1.13352E-11
ENSG00000187514	PTMA	0.11056587	0.012224812	1.15531E-11
ENSG00000167792	NDUFV1	0.110521475	0.012214996	1.17746E-11
ENSG00000125895	TMEM74B	0.110496685	0.012209517	1.03572E-10
ENSG00000142396	ERVK3-1	0.110478406	0.012205478	1.19934E-11

ENSG00000185278	ZBTB37	0.110462314	0.012201923	1.05073E-10
ENSG00000101782	RIOK3	0.110455556	0.01220043	1.05371E-10
ENSG00000157869	RAB28	0.110433278	0.012195509	1.2227E-11
ENSG00000165782	PIP4P1	0.110429311	0.012194633	1.06535E-10
ENSG00000008277	ADAM22	0.110416544	0.012191813	1.23147E-11
ENSG00000116205	TCEANC2	0.110403657	0.012188967	1.07684E-10
ENSG00000151067	CACNA1C	0.110401337	0.012188455	1.23949E-11
ENSG00000152683	SLC30A6	0.110367864	0.012181065	1.25734E-11
ENSG00000143226	FCGR2A	0.11036711	0.012180899	1.09343E-10
ENSG00000241755	IGKV1-9	0.11035805	0.012178899	1.09758E-10
ENSG00000144579	CTDSP1	0.110313589	0.012169088	1.28681E-11
ENSG00000140464	PML	0.110312439	0.012168834	1.11871E-10
ENSG00000264968	AC090844.2	0.110288521	0.012163558	1.30065E-11
ENSG00000229692	SOS1-IT1	0.110288372	0.012163525	1.13002E-10
ENSG00000068976	PYGM	0.110280482	0.012161785	1.30512E-11

ENSG0000071537	SEL1L	0.110263394	0.012158016	1.31467E-11
ENSG00000101342	TLDC2	0.110245094	0.012153981	1.32498E-11
ENSG0000075624	ACTB	0.11022526	0.012149608	1.33623E-11
ENSG00000178695	KCTD12	0.110218468	0.012148111	1.34011E-11
ENSG00000150990	DHX37	0.110216221	0.012147615	1.34139E-11
ENSG00000100410	PHF5A	0.110191753	0.012142222	1.35546E-11
ENSG00000132669	RIN2	0.110172462	0.012137971	1.18607E-10
ENSG00000204178	MACO1	0.110164903	0.012136306	1.37106E-11
ENSG00000163815	CLEC3B	0.110145794	0.012132096	1.19935E-10
ENSG00000255397	NASPP1	0.110128857	0.012128365	1.20786E-10
ENSG00000126261	UBA2	0.110123378	0.012127158	1.39554E-11
ENSG00000257524	AL157935.2	0.110109445	0.01212409	1.40385E-11
ENSG00000218186	KRT8P43	0.110097263	0.012121407	1.41116E-11
ENSG00000121933	TMIGD3	0.110091557	0.012120151	1.41459E-11
ENSG00000169896	ITGAM	0.110077442	0.012117043	1.42312E-11

ENSG00000269772	N.A.	0.110066011	0.012114527	1.43007E-11
ENSG00000117399	CDC20	0.110049395	0.012110869	1.44022E-11
ENSG00000197956	S100A6	0.11004111	0.012109046	1.44531E-11
ENSG00000138629	UBL7	0.110020293	0.012104465	1.2638E-10
ENSG00000129245	FXR2	0.109996929	0.012099324	1.47275E-11
ENSG00000176563	CNTD1	0.109993467	0.012098563	1.47492E-11
ENSG00000253831	ETV3L	0.109983502	0.012096371	1.48119E-11
ENSG00000113580	NR3C1	0.109980437	0.012095697	1.48312E-11
ENSG00000101049	SGK2	0.109974646	0.012094423	1.48678E-11
ENSG00000214756	CSKMT	0.109956396	0.012090409	1.49837E-11
ENSG00000185585	OLFML2A	0.109924616	0.012083421	1.51876E-11
ENSG00000122966	CIT	0.109911596	0.012080559	1.5272E-11
ENSG00000100379	KCTD17	0.109891153	0.012076066	1.33366E-10
ENSG00000212658	KRTAP29-1	0.109869791	0.012071371	1.55459E-11
ENSG00000090674	MCOLN1	0.109864064	0.012070113	1.55838E-11

ENSG00000115970	THADA	0.109826261	0.012061808	1.58362E-11
ENSG00000112312	GMNN	0.109798344	0.012055676	1.60251E-11
ENSG00000006062	MAP3K14	0.109791918	0.012054265	1.60689E-11
ENSG00000130584	ZBTB46	0.109779711	0.012051585	1.61525E-11
ENSG00000188486	H2AX	0.109777119	0.012051016	1.61703E-11
ENSG00000197561	ELANE	0.109768936	0.012049219	1.40323E-10
ENSG00000174744	BRMS1	0.109749676	0.012044991	1.63598E-11
ENSG00000226763	SRRM5	0.109743171	0.012043564	1.64051E-11
ENSG00000204842	ATXN2	0.109687366	0.012031318	1.45163E-10
ENSG00000175730	BAK1P1	0.109680598	0.012029834	1.68467E-11
ENSG00000060656	PTPRU	0.109675906	0.012028804	1.45856E-10
ENSG00000002745	WNT16	0.109637826	0.012020453	1.71553E-11
ENSG00000115539	PDCL3	0.109626662	0.012018005	1.72367E-11
ENSG00000211780	TRAV6	0.109609307	0.0120142	1.49948E-10
ENSG00000118113	MMP8	0.109605828	0.012013438	1.73897E-11

ENSG00000178409	BEND3	0.109596616	0.012011418	1.74578E-11
ENSG00000126821	SGPP1	0.10956534	0.012004564	1.76908E-11
ENSG00000262227	AC004771.2	0.109506571	0.011991689	1.8137E-11
ENSG00000166128	RAB8B	0.109506545	0.011991683	1.56482E-10
ENSG00000092445	TYRO3	0.109504388	0.011991211	1.81538E-11
ENSG00000144649	GASK1A	0.109445406	0.011978297	1.86131E-11
ENSG00000269942	N.A.	0.109317531	0.011950323	1.96483E-11
ENSG00000246339	EXTL3-AS1	0.109313664	0.011949477	1.69505E-10
ENSG00000170222	ADPRM	0.109305017	0.011947587	1.97525E-11
ENSG00000197808	ZNF461	0.109295791	0.01194557	1.98298E-11
ENSG00000241528	N.A.	0.109295347	0.011945473	1.98335E-11
ENSG00000115307	AUP1	0.109294436	0.011945274	1.98411E-11
ENSG00000080845	DLGAP4	0.109274191	0.011940849	1.72298E-10
ENSG00000085433	WDR47	0.1092065	0.01192606	1.77193E-10
ENSG00000125484	GTF3C4	0.109180542	0.011920391	2.08197E-11

ENSG0000085831	TTC39A	0.109180168	0.011920309	2.0823E-11
ENSG00000261448	AC109446.2	0.109164968	0.01191699	2.09572E-11
ENSG00000251221	LINC01337	0.109161758	0.011916289	2.09856E-11
ENSG0000065526	SPEN	0.109071197	0.011896526	2.18036E-11
ENSG00000230747	AC021188.1	0.109044555	0.011890715	2.20501E-11
ENSG00000250507	AC245884.6	0.109025494	0.011886558	2.22282E-11
ENSG0000081154	PCNP	0.109024769	0.0118864	2.2235E-11
ENSG00000247735	AC120114.1	0.109014796	0.011884226	1.91804E-10
ENSG00000251634	NAIPP4	0.10901354	0.011883952	2.23406E-11
ENSG00000157540	DYRK1A	0.109004706	0.011882026	2.2424E-11
ENSG00000205339	IPO7	0.108991879	0.01187923	2.25456E-11
ENSG00000134954	ETS1	0.108979005	0.011876424	1.9466E-10
ENSG00000214944	ARHGEF28	0.108884317	0.011855794	2.35915E-11
ENSG00000090273	NUDC	0.108859877	0.011850473	2.38357E-11
ENSG00000105063	PPP6R1	0.108858959	0.011850273	2.38449E-11

ENSG00000142534	RPS11	0.108834068	0.011844854	2.40962E-11
ENSG00000135315	CEP162	0.108811337	0.011839907	2.4328E-11
ENSG00000172366	MCRIP2	0.108810688	0.011839766	2.08655E-10
ENSG00000163322	ABRAXAS1	0.108795817	0.01183653	2.44875E-11
ENSG00000198055	GRK6	0.108767578	0.011830386	2.12395E-10
ENSG00000162576	MXRA8	0.108762846	0.011829357	1.1615E-09
ENSG00000148660	CAMK2G	0.108762462	0.011829273	2.12843E-10
ENSG00000047457	CP	0.108711462	0.011818182	2.17361E-10
ENSG00000145391	SETD7	0.108698751	0.011815418	2.18501E-10
ENSG00000104432	IL7	0.108688224	0.01181313	2.19451E-10
ENSG00000084234	APLP2	0.108647225	0.011804219	2.23185E-10
ENSG00000058729	RIOK2	0.108620312	0.011798372	2.63639E-11
ENSG00000254709	IGLL5	0.108617035	0.01179766	2.64003E-11
ENSG00000182405	PGBD4	0.108600536	0.011794076	2.6584E-11
ENSG00000140181	N.A.	0.108596331	0.011793163	2.27908E-10

ENSG00000118137	APOA1	0.108572007	0.011787881	2.69046E-11
ENSG00000076706	MCAM	0.108497084	0.011771617	2.77647E-11
ENSG00000258439	AC007956.2	0.108474943	0.011766813	2.39569E-10
ENSG00000179833	SERTAD2	0.108450068	0.011761417	2.83182E-11
ENSG00000145335	SNCA	0.108406807	0.011752036	2.8837E-11
ENSG00000197635	DPP4	0.108404629	0.011751563	2.88633E-11
ENSG00000256706	AC005342.2	0.108396086	0.011749712	2.47455E-10
ENSG00000206341	HLA-H	0.108348097	0.01173931	2.95559E-11
ENSG00000132466	ANKRD17	0.108340502	0.011737664	2.96502E-11
ENSG00000119203	CPSF3	0.108328244	0.011735009	2.98029E-11
ENSG00000181722	ZBTB20	0.108302044	0.011729333	3.01321E-11
ENSG00000100030	MAPK1	0.108298689	0.011728606	3.01745E-11
ENSG00000100395	L3MBTL2	0.108295435	0.011727901	2.5789E-10
ENSG00000249309	AC020703.1	0.108291119	0.011726966	3.02704E-11
ENSG00000235513	L3MBTL2-AS1	0.108268943	0.011722164	3.0553E-11

ENSG00000175600	SUGCT	0.108196827	0.011706553	3.149E-11
ENSG00000135250	SRPK2	0.108165796	0.011699839	3.19018E-11
ENSG00000242337	INHCAP	0.108131337	0.011692386	3.23653E-11
ENSG00000135423	GLS2	0.1081307	0.011692248	3.23739E-11
ENSG00000184857	TMEM186	0.108116344	0.011689144	2.77529E-10
ENSG00000185475	TMEM179B	0.108071729	0.011679499	2.82645E-10
ENSG00000212607	SNORA3B	0.108063655	0.011677754	3.32949E-11
ENSG00000133226	SRRM1	0.108053486	0.011675556	3.34368E-11
ENSG00000233122	CTAGE7P	0.108015329	0.011667311	3.39745E-11
ENSG00000124657	OR2B6	0.107993421	0.011662579	3.42871E-11
ENSG00000121067	SPOP	0.107992272	0.011662331	3.43035E-11
ENSG00000140262	TCF12	0.107983465	0.011660429	3.44301E-11
ENSG00000099974	DDTL	0.107968035	0.011657096	3.46528E-11
ENSG00000229390	MICD	0.107966	0.011656657	3.46823E-11
ENSG00000114331	ACAP2	0.107954585	0.011654192	3.48481E-11

ENSG00000235927	NEXN-AS1	0.107922059	0.011647171	3.53248E-11
ENSG00000252118	RNU6ATAC39P	0.107899073	0.01164221	3.03323E-10
ENSG00000224474	N.A.	0.107865417	0.011634948	3.61704E-11
ENSG00000115828	QPCT	0.107857914	0.01163333	3.62838E-11
ENSG00000114127	XRN1	0.107839945	0.011629454	3.10739E-10
ENSG00000076604	TRAF4	0.107836339	0.011628676	3.66121E-11
ENSG00000268852	N.A.	0.107832241	0.011627792	3.11718E-10
ENSG00000103145	HCFC1R1	0.107823513	0.01162591	3.12831E-10
ENSG00000133069	TMCC2	0.1077868	0.011617994	3.73768E-11
ENSG00000213865	N.A.	0.10776129	0.011612496	3.20879E-10
ENSG00000260645	AL359715.2	0.107760403	0.011612304	3.77906E-11
ENSG00000106993	CDC37L1	0.10774086	0.011608093	3.80999E-11
ENSG00000123384	LRP1	0.107734724	0.011606771	3.24376E-10
ENSG00000150627	WDR17	0.107731706	0.01160612	3.82456E-11
ENSG00000176101	SSNA1	0.107714402	0.011602392	3.27077E-10

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ENSG00000171451	DSEL	0.107690901	0.01159733	3.89018E-11
ENSG00000151612	ZNF827	0.107690367	0.011597215	3.30299E-10
ENSG00000111640	GAPDH	0.107665022	0.011591757	3.93237E-11
ENSG00000164074	ABHD18	0.107575886	0.011572571	4.08112E-11
ENSG00000103769	RAB11A	0.107570869	0.011571492	4.08965E-11
ENSG00000090020	SLC9A1	0.107562294	0.011569647	4.10428E-11
ENSG00000168004	PLAAT5	0.107478345	0.011551595	4.25021E-11
ENSG00000237576	LINC01888	0.1074476	0.011544987	4.30491E-11
ENSG00000243290	IGKV1-12	0.107411383	0.011537205	3.70043E-10
ENSG00000240758	AC010655.2	0.107410557	0.011537028	4.37174E-11
ENSG00000182379	NXPH4	0.10740714	0.011536294	4.37795E-11
ENSG00000158715	SLC45A3	0.107398923	0.011534529	4.39293E-11
ENSG00000176920	FUT2	0.107395062	0.011533699	4.39999E-11
ENSG00000260751	AC008870.2	0.10739374	0.011533415	4.40241E-11

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ENSG00000237815	N.A.	0.10730519	0.011514404	4.56741E-11
ENSG00000086475	SEPHS1	0.107250395	0.011502647	4.67253E-11
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ENSG00000225985	N.A.	0.10722774	0.011497788	4.71668E-11
ENSG00000182552	RWDD4	0.107221531	0.011496457	4.72885E-11
ENSG00000204287	HLA-DRA	0.107214865	0.011495027	4.74195E-11
ENSG00000235488	JARID2-AS1	0.107192021	0.011490129	4.04539E-10
ENSG00000136875	PRPF4	0.107174069	0.011486281	4.82291E-11
ENSG00000188157	AGRN	0.107148617	0.011480826	4.11728E-10
ENSG00000154642	C21orf91	0.107119795	0.011474651	4.9327E-11
ENSG00000266088	AC004585.1	0.107083944	0.011466971	4.22671E-10
ENSG00000258546	CENPUP2	0.107078127	0.011465725	5.01866E-11
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ENSG00000004455	AK2	0.107040385	0.011457644	4.302E-10

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ENSG00000078902	TOLLIP	0.107006129	0.011450312	4.36214E-10
ENSG00000034713	GABARAPL2	0.106985173	0.011445827	5.21571E-11
ENSG000000141968	VAV1	0.106976561	0.011443985	4.4147E-10
ENSG000000261597	N.A.	0.106972605	0.011443138	5.24292E-11
ENSG000000166801	FAM111A	0.106934515	0.01143499	5.32626E-11
ENSG000000114790	ARHGEF26	0.106931596	0.011434366	5.3327E-11
ENSG000000167100	SAMD14	0.106897921	0.011427166	4.55753E-10
ENSG000000121903	ZSCAN20	0.106852543	0.011417466	5.51003E-11
ENSG000000185630	PBX1	0.106815306	0.01140951	5.59554E-11
ENSG000000162599	NFIA	0.106786985	0.01140346	5.66144E-11
ENSG000000167862	MRPL58	0.106777838	0.011401507	5.68289E-11
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ENSG000000230953	AC099677.1	0.106775083	0.011400918	5.68937E-11
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ENSG00000169116	PARM1	0.106665063	0.011377436	5.00744E-10
ENSG00000106554	CHCHD3	0.106651045	0.011374445	5.9885E-11
ENSG00000212232	SNORD17	0.10661336	0.011366408	6.08238E-11
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ENSG00000269640	N.A.	0.106534638	0.011349629	6.28318E-11
ENSG00000113643	RARS1	0.106498881	0.011342012	6.37651E-11
ENSG00000116209	TMEM59	0.106494683	0.011341118	6.38756E-11
ENSG00000198911	SREBF2	0.106484009	0.011338844	5.38694E-10
ENSG00000104522	GFUS	0.106467112	0.011335246	5.42376E-10
ENSG00000170881	RNF139	0.106429743	0.01132729	6.56083E-11
ENSG00000256312	AC138466.1	0.10638129	0.011316979	5.61458E-10
ENSG00000238186	AL603839.2	0.106360452	0.011312546	6.75078E-11
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ENSG00000007062	PROM1	0.106321973	0.011304362	5.75029E-10
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ENSG00000140521	POLG	0.106279608	0.011295355	5.84917E-10
ENSG00000225643	AL606491.1	0.106236668	0.01128623	7.10359E-11
ENSG00000139131	YARS2	0.106214737	0.01128157	6.0038E-10
ENSG00000121864	ZNF639	0.106196297	0.011277653	7.22251E-11
ENSG00000146205	ANO7	0.106187471	0.011275779	7.24876E-11
ENSG00000108406	DHX40	0.106168219	0.011271691	7.30636E-11
ENSG00000149923	PPP4C	0.106135422	0.011264728	7.4055E-11
ENSG00000099901	RANBP1	0.106134393	0.011264509	7.40864E-11

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ENSG00000260214	N.A.	0.106084108	0.011253838	6.32737E-10
ENSG00000198815	FOXJ3	0.106029309	0.011242214	7.73539E-11
ENSG00000138161	CUZD1	0.10602686	0.011241695	6.47448E-10
ENSG00000129932	DOHH	0.105979184	0.011231587	7.89618E-11
ENSG00000100335	MIEF1	0.105944837	0.011224309	8.00823E-11
ENSG00000116954	RRAGC	0.10593118	0.011221415	8.05321E-11
ENSG00000163113	N.A.	0.105926221	0.011220364	8.06961E-11
ENSG00000245888	NSMCE1-DT	0.105917036	0.011218418	8.10007E-11
ENSG00000227082	LINC02798	0.105893017	0.011213331	8.18024E-11
ENSG00000188613	NANOS1	0.10586368	0.011207119	8.27921E-11
ENSG00000132475	H3-3B	0.105863644	0.011207111	8.27933E-11
ENSG00000105136	ZNF419	0.105836663	0.011201399	6.98761E-10
ENSG00000269821	KCNQ1OT1	0.105833761	0.011200785	8.38135E-11

ENSG00000107485	GATA3	0.105825278	0.011198989	7.01955E-10
ENSG00000253636	AC022893.1	0.105808774	0.011195497	8.4676E-11
ENSG00000172831	CES2	0.105788649	0.011191238	8.5377E-11
ENSG00000152078	TLCD4	0.105767961	0.011186862	8.61034E-11
ENSG00000185774	KCNIP4	0.105763201	0.011185855	8.62714E-11
ENSG00000259318	HMGN1P1	0.105758882	0.011184941	8.64241E-11
ENSG00000132356	PRKAA1	0.105751024	0.011183279	7.23141E-10
ENSG00000131650	KREMEN2	0.105743135	0.011181611	8.69832E-11
ENSG00000097007	ABL1	0.105717087	0.011176102	8.79157E-11
ENSG00000232344	AC087163.1	0.105704908	0.011173528	8.8355E-11
ENSG00000118496	FBXO30	0.105660441	0.011164129	8.99775E-11
ENSG00000178988	MRFAP1L1	0.10566027	0.011164093	8.99838E-11
ENSG00000127481	UBR4	0.105647862	0.011161471	9.04417E-11
ENSG00000160401	CFAP157	0.105637182	0.011159214	9.08377E-11
ENSG00000204954	C12orf73	0.105636537	0.011159078	9.08616E-11

ENSG00000178498	DTX3	0.105611006	0.011153685	9.18153E-11
ENSG00000164543	STK17A	0.105594208	0.011150137	9.24482E-11
ENSG00000157734	SNX22	0.105582601	0.011147686	9.28879E-11
ENSG00000245904	AC025164.1	0.105575386	0.011146162	9.31623E-11
ENSG00000227905	MED6P1	0.105568785	0.011144768	9.3414E-11
ENSG00000262692	AC116914.2	0.105568065	0.011144616	9.34415E-11
ENSG00000261221	ZNF865	0.105564168	0.011143794	9.35905E-11
ENSG00000157500	APPL1	0.105519159	0.011134293	9.53279E-11
ENSG00000135913	USP37	0.105506721	0.011131668	9.58135E-11
ENSG00000166250	CLMP	0.105478284	0.011125668	9.6933E-11
ENSG00000198056	PRIM1	0.105447425	0.011119159	9.81623E-11
ENSG00000167461	RAB8A	0.105443526	0.011118337	9.83186E-11
ENSG00000138380	CARF	0.105438134	0.0111172	9.85353E-11
ENSG00000136738	STAM	0.105428767	0.011115225	9.89129E-11
ENSG00000227788	MTCO3P43	0.105368689	0.011102561	1.01368E-10

ENSG00000243304	AC008494.1	0.105358989	0.011100517	8.45763E-10
ENSG00000135185	TMEM243	0.105345016	0.011097572	1.02352E-10
ENSG00000151694	ADAM17	0.105338812	0.011096265	1.02611E-10
ENSG00000158092	NCK1	0.105322851	0.011092903	1.03281E-10
ENSG00000090554	FLT3LG	0.105298388	0.011087751	1.04317E-10
ENSG00000207042	RNU6-196P	0.105243349	0.011076162	1.06684E-10
ENSG00000173581	CCDC106	0.105224975	0.011072295	1.07486E-10
ENSG00000128641	MYO1B	0.105222262	0.011071724	1.07604E-10
ENSG00000251039	IGKV2D-40	0.105193835	0.011065743	1.08858E-10
ENSG00000267183	N.A.	0.105184645	0.01106381	9.06605E-10
ENSG00000108557	RAI1	0.10515319	0.011057193	4.84951E-09
ENSG00000168000	BSCL2	0.1051338	0.011053116	1.11552E-10
ENSG00000113732	ATP6VOE1	0.105115262	0.011049218	1.12397E-10
ENSG00000177301	KCNA2	0.105107119	0.011047506	1.1277E-10
ENSG00000086300	SNX10	0.105084545	0.011042762	1.13811E-10

ENSG00000196453	ZNF777	0.105073926	0.01104053	1.14304E-10
ENSG00000105122	RASAL3	0.10504368	0.011034175	1.15719E-10
ENSG00000196455	PIK3R4	0.105029715	0.011031241	1.16378E-10
ENSG00000226645	AP006216.1	0.10502532	0.011030318	1.16586E-10
ENSG00000184451	CCR10	0.105011302	0.011027374	1.17253E-10
ENSG00000139546	TARBP2	0.105005264	0.011026105	1.17541E-10
ENSG00000198604	BAZ1A	0.104994755	0.011023899	1.18045E-10
ENSG00000215788	TNFRSF25	0.104958105	0.011016204	5.23126E-09
ENSG00000173402	DAG1	0.10493262	0.011010855	1.21064E-10
ENSG00000157306	ZFH2-AS1	0.10491676	0.011007527	1.21847E-10
ENSG00000226312	CFLAR-AS1	0.104897637	0.011003514	1.22797E-10
ENSG00000118292	C1orf54	0.104896349	0.011003244	1.22861E-10
ENSG00000196214	ZNF766	0.104846412	0.01099277	1.25378E-10
ENSG00000129038	LOXL1	0.104828037	0.010988917	1.04464E-09
ENSG00000168101	NUDT16L1	0.104824759	0.01098823	1.26485E-10

ENSG00000125746	EML2	0.104816109	0.010986417	1.2693E-10
ENSG00000089091	DZANK1	0.10479758	0.010982533	1.27888E-10
ENSG00000084207	GSTP1	0.104768382	0.010976414	1.29413E-10
ENSG00000189042	ZNF567	0.104755821	0.010973782	1.30074E-10
ENSG00000134183	GNAT2	0.104721147	0.010966519	1.31916E-10
ENSG00000232909	AL157823.2	0.104698696	0.010961817	1.33123E-10
ENSG00000262332	AC136624.1	0.104642389	0.010950029	1.36196E-10
ENSG00000134871	COL4A2	0.1045912	0.010939319	1.3905E-10
ENSG00000156127	BATF	0.104558212	0.01093242	1.40921E-10
ENSG00000170832	USP32	0.104553045	0.010931339	1.41216E-10
ENSG00000149927	DOC2A	0.104551989	0.010931118	1.41276E-10
ENSG00000248996	AC145098.1	0.104548135	0.010930313	1.41497E-10
ENSG00000233850	AC103563.7	0.104494191	0.010919036	1.4462E-10
ENSG00000121053	EPX	0.104491842	0.010918545	1.19343E-09
ENSG00000033011	ALG1	0.104477523	0.010915553	1.45599E-10

ENSG00000141380	SS18	0.104472381	0.010914478	1.45902E-10
ENSG00000244556	ODCP	0.104447713	0.010909325	1.47366E-10
ENSG00000230068	CDC42-IT1	0.10440267	0.010899917	1.23625E-09
ENSG00000224831	TMEM183B	0.104379451	0.01089507	1.5149E-10
ENSG00000263823	AC009831.1	0.104379262	0.01089503	1.51502E-10
ENSG00000182934	SRPRA	0.104355631	0.010890098	1.52956E-10
ENSG00000258826	LINC01147	0.104350807	0.010889091	1.53255E-10
ENSG00000197024	ZNF398	0.104349008	0.010888715	1.26273E-09
ENSG00000265206	AC004687.1	0.104337757	0.010886368	1.54065E-10
ENSG00000167384	ZNF180	0.104334978	0.010885788	1.54238E-10
ENSG00000214114	MYCBP	0.104305106	0.010879555	1.28481E-09
ENSG00000168389	MFSD2A	0.104270263	0.010872288	1.58324E-10
ENSG00000108799	EZH1	0.104239562	0.010865886	1.60298E-10
ENSG00000126814	TRMT5	0.104220146	0.010861839	1.3286E-09
ENSG00000175874	CREG2	0.104202665	0.010858195	1.62704E-10

ENSG00000134508	CABLES1	0.104189176	0.010855384	1.34493E-09
ENSG00000258539	AC068896.1	0.104165629	0.010850478	1.65154E-10
ENSG00000092847	AGO1	0.104152666	0.010847778	1.6602E-10
ENSG00000143633	C1orf131	0.10413214	0.010843503	1.37551E-09
ENSG00000004139	SARM1	0.104122597	0.010841515	1.68045E-10
ENSG00000236810	ELOA-AS1	0.104099916	0.010836793	1.69589E-10
ENSG00000259211	AC013356.2	0.104095344	0.010835841	1.69902E-10
ENSG00000131051	RBM39	0.104078694	0.010832375	1.71047E-10
ENSG00000185122	HSF1	0.104065246	0.010829575	1.71976E-10
ENSG00000250948	AC091180.4	0.104040103	0.010824343	1.42628E-09
ENSG00000076201	PTPN23	0.10403905	0.010824124	1.73802E-10
ENSG00000157014	TATDN2	0.10402465	0.010821128	1.74813E-10
ENSG00000179082	C9orf106	0.10401661	0.010819455	1.43953E-09
ENSG00000144233	AMMECR1L	0.104015569	0.010819239	1.75454E-10
ENSG00000204745	AC083899.1	0.104012379	0.010818575	1.75679E-10

ENSG00000146776	ATXN7L1	0.104008121	0.010817689	1.44435E-09
ENSG00000206885	SNORA75	0.104000341	0.010816071	1.76533E-10
ENSG00000230061	TRPM2-AS	0.103994352	0.010814825	1.4522E-09
ENSG00000150672	DLG2	0.103971778	0.010810131	1.78576E-10
ENSG00000074319	TSG101	0.103952318	0.010806085	1.79981E-10
ENSG00000182901	RGS7	0.103951871	0.010805992	1.80013E-10
ENSG00000175841	FAM172BP	0.103849932	0.010784808	1.87552E-10
ENSG00000171865	RNASEH1	0.103819533	0.010778496	1.89859E-10
ENSG00000119777	TMEM214	0.10378361	0.010771038	1.92621E-10
ENSG00000177084	POLE	0.103752231	0.010764525	1.59718E-09
ENSG00000224616	RTCA-AS1	0.103735285	0.010761009	1.96399E-10
ENSG00000120696	KBTD7	0.103710447	0.010755857	1.98369E-10
ENSG00000138035	PNPT1	0.103708016	0.010755353	1.98562E-10
ENSG00000213385	AC105052.2	0.10365307	0.010743959	2.02993E-10
ENSG00000237240	N.A.	0.103639631	0.010741173	2.04091E-10

ENSG0000046604	DSG2	0.103636496	0.010740523	2.04348E-10
ENSG00000198580	AC073343.1	0.103621276	0.010737369	2.056E-10
ENSG00000199906	RNU5B-2P	0.10360266	0.010733511	2.07142E-10
ENSG00000090372	STRN4	0.103599028	0.010732759	2.07445E-10
ENSG00000104635	SLC39A14	0.103575884	0.010727964	2.0938E-10
ENSG00000133477	FAM83F	0.103567552	0.010726238	2.10081E-10
ENSG00000165490	DDIAS	0.103564738	0.010725655	2.10318E-10
ENSG00000118257	NRP2	0.103494043	0.010711017	2.16367E-10
ENSG00000159905	ZNF221	0.103472162	0.010706488	2.18273E-10
ENSG00000153975	ZUP1	0.103470061	0.010706054	2.18457E-10
ENSG00000141101	NOB1	0.103457106	0.010703373	2.19594E-10
ENSG00000113161	HMGCR	0.103419522	0.010695597	2.22926E-10
ENSG00000141682	PMAIP1	0.103408303	0.010693277	2.2393E-10
ENSG00000169976	SF3B5	0.10338205	0.010687848	2.26297E-10
ENSG00000233337	UBE2FP3	0.103372665	0.010685908	2.27149E-10

ENSG00000173421	IHO1	0.103359024	0.010683088	1.86322E-09
ENSG00000215915	ATAD3C	0.10335865	0.010683011	1.86349E-09
ENSG00000121481	RNF2	0.103307005	0.010672337	2.33199E-10
ENSG00000100216	TOMM22	0.103298241	0.010670527	1.90802E-09
ENSG00000167772	ANGPTL4	0.103296758	0.01067022	2.34157E-10
ENSG00000102931	ARL2BP	0.103229668	0.010656364	2.40527E-10
ENSG00000257226	AC079584.2	0.103190614	0.010648303	2.44312E-10
ENSG00000232860	SMG7-AS1	0.103181596	0.010646442	2.45194E-10
ENSG00000091140	DLD	0.103158744	0.010641727	2.47444E-10
ENSG00000084693	AGBL5	0.103129774	0.01063575	2.50325E-10
ENSG0000012822	CALCOCO1	0.10312187	0.01063412	2.51117E-10
ENSG00000149658	YTHDF1	0.103114113	0.01063252	2.51896E-10
ENSG00000239941	AC108718.1	0.103083039	0.010626113	2.07525E-09
ENSG00000259985	AC017100.1	0.103034128	0.010616031	2.60072E-10
ENSG00000197429	IPP	0.103029084	0.010614992	2.60596E-10

ENSG00000185215	TNFAIP2	0.102990927	0.010607131	2.64594E-10
ENSG00000221598	MIR1249	0.102967284	0.010602262	2.67102E-10
ENSG00000174306	ZHX3	0.102966454	0.010602091	2.67191E-10
ENSG00000187922	LCN10	0.102964287	0.010601644	2.67422E-10
ENSG00000104299	INTS9	0.102812861	0.010570484	2.84061E-10
ENSG00000139725	RHOF	0.102803635	0.010568587	2.85106E-10
ENSG00000175911	N.A.	0.102785547	0.010564869	2.87168E-10
ENSG00000134072	CAMK1	0.102783651	0.010564479	2.87385E-10
ENSG00000099942	CRKL	0.102771364	0.010561953	2.88794E-10
ENSG00000152475	ZNF837	0.102753327	0.010558246	2.90875E-10
ENSG00000149308	NPAT	0.102747678	0.010557085	2.9153E-10
ENSG00000013275	PSMC4	0.102715413	0.010550456	2.39453E-09
ENSG00000211850	TRAJ39	0.102655745	0.010538202	3.02392E-10
ENSG00000151090	THRB	0.10260928	0.010528664	3.08031E-10
ENSG00000037749	MFAP3	0.102578627	0.010522375	3.11808E-10

ENSG00000116668	SWT1	0.102575194	0.010521671	3.12233E-10
ENSG00000166171	DPCD	0.102554129	0.010517349	3.14858E-10
ENSG00000143164	DCAF6	0.102545816	0.010515644	3.159E-10
ENSG00000085276	MECOM	0.102516203	0.010509572	3.19638E-10
ENSG00000241238	N.A.	0.102480511	0.010502255	3.24201E-10
ENSG00000175463	TBC1D10C	0.102476735	0.010501481	3.24688E-10
ENSG00000114098	ARMC8	0.102475602	0.010501249	3.24834E-10
ENSG00000143614	GATAD2B	0.102466344	0.010499352	3.2603E-10
ENSG00000104973	MED25	0.102454661	0.010496958	3.27546E-10
ENSG00000267586	LINC00907	0.102409488	0.010487703	3.33471E-10
ENSG00000235419	AC010149.1	0.102407622	0.010487321	3.33718E-10
ENSG00000079150	FKBP7	0.102399575	0.010485673	3.34785E-10
ENSG00000173542	MOB1B	0.102390441	0.010483802	3.36001E-10
ENSG00000105085	MED26	0.102370328	0.010479684	3.38692E-10
ENSG00000130305	NSUN5	0.10234283	0.010474055	3.42406E-10

ENSG00000198113	TOR4A	0.102319448	0.010469269	3.45595E-10
ENSG00000131116	ZNF428	0.102318275	0.010469029	3.45756E-10
ENSG00000228985	TRDD3	0.102289828	0.010463209	3.49677E-10
ENSG00000144036	EXOC6B	0.102283434	0.010461901	3.50565E-10
ENSG00000123154	WDR83	0.102275548	0.010460288	3.51662E-10
ENSG00000118939	UCHL3	0.102256181	0.010456327	3.54371E-10
ENSG00000165895	ARHGAP42	0.10224674	0.010454396	3.55699E-10
ENSG00000155903	RASA2	0.102229172	0.010450804	3.58183E-10
ENSG00000122952	ZWINT	0.10211902	0.010428294	3.7415E-10
ENSG00000004487	KDM1A	0.10211884	0.010428257	3.01713E-09
ENSG00000198553	KCNRG	0.102116569	0.010427794	3.74513E-10
ENSG00000235172	LINC01366	0.10210788	0.010426019	3.75803E-10
ENSG00000135740	SLC9A5	0.102066147	0.010417498	3.82058E-10
ENSG00000226920	AL160004.1	0.102058561	0.01041595	3.83206E-10
ENSG00000162377	COA7	0.102044567	0.010413094	3.85333E-10

ENSG00000266631	N.A.	0.102028926	0.010409902	3.87723E-10
ENSG00000079393	DUSP13	0.102027946	0.010409702	3.87873E-10
ENSG00000178741	COX5A	0.102026034	0.010409312	3.88167E-10
ENSG00000223725	AC009226.1	0.102019314	0.01040794	3.89199E-10
ENSG00000101337	TM9SF4	0.101998299	0.010403653	1.62139E-08
ENSG00000235872	AC078777.1	0.101877638	0.010379053	4.11604E-10
ENSG00000105220	GPI	0.101867183	0.010376923	4.13307E-10
ENSG00000163541	SUCLG1	0.101863399	0.010376152	4.13924E-10
ENSG00000128607	KLHDC10	0.101860243	0.010375509	4.14441E-10
ENSG00000183530	PRR14L	0.101854804	0.010374401	4.15331E-10
ENSG00000262766	AC135050.5	0.101804421	0.01036414	4.23671E-10
ENSG00000196504	PRPF40A	0.101768443	0.010356816	4.29727E-10
ENSG00000017260	ATP2C1	0.101735297	0.010350071	4.3538E-10
ENSG00000163386	N.A.	0.101734222	0.010349852	4.35565E-10
ENSG00000269925	Z98884.2	0.101723682	0.010347707	4.37378E-10

ENSG00000267221	C17orf113	0.101712511	0.010345435	4.39309E-10
ENSG00000232706	NUTM2HP	0.101680266	0.010338877	4.44927E-10
ENSG00000267440	LINC02594	0.101592632	0.010321063	4.60553E-10
ENSG00000176946	THAP4	0.101558123	0.010314052	4.66852E-10
ENSG00000196914	ARHGEF12	0.101554211	0.010313258	4.67571E-10
ENSG00000164406	LEAP2	0.101531726	0.010308691	4.71727E-10
ENSG00000106333	PCOLCE	0.101512311	0.010304749	4.75344E-10
ENSG00000134297	PLEKHA8P1	0.101479381	0.010298065	4.81542E-10
ENSG00000100764	PSMC1	0.101465223	0.010295192	4.8423E-10
ENSG00000163565	IFI16	0.101430256	0.010288097	4.90933E-10
ENSG00000069667	RORA	0.101402641	0.010282496	4.96291E-10
ENSG00000158079	PTPDC1	0.101401079	0.010282179	3.97711E-09
ENSG00000175756	AURKAIP1	0.101400592	0.01028208	4.96691E-10
ENSG00000239305	RNF103	0.101375877	0.010277068	5.01538E-10
ENSG00000233799	AC139887.1	0.101351017	0.010272029	5.0646E-10

ENSG00000106462	EZH2	0.101339244	0.010269642	5.08808E-10
ENSG00000148688	RPP30	0.101334092	0.010268598	4.08056E-09
ENSG00000169019	COMMD8	0.101311332	0.010263986	4.1163E-09
ENSG00000074410	CA12	0.101294272	0.010260529	5.17873E-10
ENSG00000167977	KCTD5	0.101282722	0.01025819	5.20226E-10
ENSG00000120333	MRPS14	0.101265667	0.010254735	5.23721E-10
ENSG00000266498	AC055811.3	0.101205749	0.010242604	5.36179E-10
ENSG00000173545	ZNF622	0.101177091	0.010236804	5.4224E-10
ENSG00000258472	AC005726.1	0.101176509	0.010236686	5.42363E-10
ENSG00000100802	C14orf93	0.101159359	0.010233216	5.46023E-10
ENSG00000101126	ADNP	0.101158139	0.010232969	5.46284E-10
ENSG00000231437	LINC01750	0.101139106	0.010229119	4.39684E-09
ENSG00000142235	LMTK3	0.10113665	0.010228622	5.50906E-10
ENSG00000076928	ARHGEF1	0.101130939	0.010227467	5.5214E-10
ENSG00000163913	IFT122	0.101130437	0.010227365	4.41144E-09

ENSG00000243466	IGKV1-5	0.101122252	0.01022571	5.54024E-10
ENSG00000237522	NONOP2	0.101113635	0.010223967	5.55898E-10
ENSG00000269386	RAB11B-AS1	0.101110949	0.010223424	5.56483E-10
ENSG00000258959	AL118558.1	0.101093577	0.010219911	5.60285E-10
ENSG00000266970	AC061992.2	0.10106564	0.010214264	5.66451E-10
ENSG00000125901	MRPS26	0.101065275	0.01021419	5.66532E-10
ENSG00000188277	C15orf62	0.101061509	0.010213429	5.67368E-10
ENSG00000095932	SMIM24	0.101054673	0.010212047	5.68889E-10
ENSG00000224729	PCOLCE-AS1	0.101010727	0.010203167	5.78764E-10
ENSG00000169692	AGPAT2	0.10097649	0.010196252	4.67875E-09
ENSG00000259529	AL136295.5	0.100956857	0.010192287	5.91098E-10
ENSG00000080819	CPOX	0.100940107	0.010188905	5.94985E-10
ENSG00000196290	NIF3L1	0.100921796	0.010185209	4.77746E-09
ENSG00000213279	Z97192.2	0.100909862	0.0101828	6.02066E-10
ENSG00000154040	CABYR	0.100907843	0.010182393	6.02542E-10

ENSG00000270143	N.A.	0.100907715	0.010182367	6.02572E-10
ENSG00000198887	SMC5	0.100894899	0.010179781	6.056E-10
ENSG00000229677	AC018644.1	0.100885831	0.010177951	6.07751E-10
ENSG00000142186	SCYL1	0.100867545	0.010174262	6.12112E-10
ENSG00000124507	PACSIN1	0.100859077	0.010172553	6.14142E-10
ENSG00000107672	NSMCE4A	0.100851642	0.010171054	6.1593E-10
ENSG00000181938	GIN3	0.100831304	0.010166952	6.20846E-10
ENSG00000237054	PRMT5-AS1	0.100797664	0.010160169	6.29061E-10
ENSG00000155508	CNOT8	0.100794795	0.010159591	6.29767E-10
ENSG00000199133	MIRLET7D	0.100785559	0.010157729	6.32043E-10
ENSG00000164106	SCRG1	0.100780283	0.010156666	6.33347E-10
ENSG00000179467	N.A.	0.100774984	0.010155597	6.3466E-10
ENSG00000165685	TMEM52B	0.100755251	0.010151621	6.3957E-10
ENSG00000067704	IARS2	0.100750928	0.010150749	6.40651E-10
ENSG00000237765	FAM200B	0.100745928	0.010149742	5.10882E-09

ENSG00000211965	IGHV3-49	0.100738768	0.010148299	6.437E-10
ENSG00000151882	CCL28	0.100728777	0.010146287	6.46217E-10
ENSG00000260027	HOXB7	0.100692708	0.010139021	6.5538E-10
ENSG00000153363	LINC00467	0.100654568	0.010131342	6.65208E-10
ENSG00000178074	C2orf69	0.100601599	0.010120682	6.79095E-10
ENSG00000162642	C1orf52	0.10055684	0.010111678	6.91051E-10
ENSG00000084623	EIF3I	0.100519492	0.010104168	7.01183E-10
ENSG00000173273	TNKS	0.100516451	0.010103557	5.57497E-09
ENSG00000225963	AC009950.1	0.100482571	0.010096747	7.11342E-10
ENSG00000117408	IPO13	0.100472192	0.010094661	7.14223E-10
ENSG00000152932	RAB3C	0.100456193	0.010091447	7.18688E-10
ENSG00000184661	CDCA2	0.100414932	0.010083159	7.30327E-10
ENSG00000203778	FAM229B	0.100399004	0.01007996	7.34869E-10
ENSG00000197114	ZGPAT	0.10036975	0.010074087	7.43282E-10
ENSG00000267167	N.A.	0.100306633	0.010061421	7.61757E-10

ENSG00000269175	N.A.	0.100291205	0.010058326	7.6634E-10
ENSG00000156671	SAMD8	0.100280864	0.010056252	7.69428E-10
ENSG00000007202	KIAA0100	0.100267533	0.010053578	7.73425E-10
ENSG00000198087	CD2AP	0.100259118	0.010051891	7.75959E-10
ENSG00000198954	KIFBP	0.100257394	0.010051545	7.7648E-10
ENSG00000108829	LRRCS9	0.100238333	0.010047723	7.82253E-10
ENSG00000167771	RCOR2	0.100237627	0.010047582	7.82468E-10
ENSG00000217027	TPT1P4	0.100231667	0.010046387	7.84282E-10
ENSG00000164031	DNAJB14	0.100210555	0.010042155	7.90742E-10
ENSG00000257613	N.A.	0.100207787	0.010041601	7.91592E-10
ENSG00000082146	STRADB	0.100178936	0.010035819	8.00514E-10
ENSG00000236114	AL450326.2	0.100160768	0.01003218	8.06182E-10
ENSG00000141448	GATA6	0.100144179	0.010028857	8.11391E-10
ENSG00000092439	TRPM7	0.100143364	0.010028693	6.42258E-09
ENSG00000167196	FBXO22	0.100082122	0.010016431	8.31172E-10

ENSG00000178764	ZHX2	0.100068213	0.010013647	8.3567E-10
ENSG00000134056	MRPS36	0.100066984	0.010013401	6.61096E-09
ENSG00000260923	LINC02193	0.100056907	0.010011385	8.39343E-10
ENSG00000099910	KLHL22	0.100038726	0.010007747	8.45283E-10
ENSG00000166340	TPP1	0.100036497	0.010007301	8.46014E-10
ENSG00000214753	HNRNPUL2	0.100035086	0.010007018	8.46477E-10
ENSG00000070761	CFAP20	0.100024606	0.010004922	8.49925E-10
ENSG00000240463	RPS19P3	0.100018296	0.01000366	8.52007E-10
ENSG00000241370	RPP21	0.100018293	0.010003659	8.52008E-10
ENSG00000228709	LINC02575	0.100013118	0.010002624	8.53719E-10
ENSG00000148516	ZEB1	0.100012313	0.010002463	8.53986E-10
ENSG00000188266	HYKK	0.099983027	0.009996606	8.63737E-10
ENSG00000120802	TMPO	0.099979923	0.009995985	8.64777E-10
ENSG00000212588	SNORA26	0.09994811	0.009989625	8.75506E-10
ENSG00000137073	UBAP2	0.099929238	0.009985853	8.81932E-10

ENSG00000237883	DGUOK-AS1	0.099922495	0.009984505	8.84238E-10
ENSG00000148090	AUH	0.099916067	0.00998322	6.9991E-09
ENSG00000234699	AL139339.1	0.099874351	0.009974886	9.00882E-10
ENSG00000198783	ZNF830	0.099829954	0.00996602	9.165E-10
ENSG00000115339	GALNT3	0.099805447	0.009961127	9.25234E-10
ENSG00000178917	ZNF852	0.099796602	0.009959362	9.28407E-10
ENSG00000239569	KMT2E-AS1	0.09978089	0.009956226	9.34068E-10
ENSG00000247134	AC090204.1	0.099763632	0.009952782	9.40324E-10
ENSG00000114383	TUSC2	0.099751192	0.0099503	9.4486E-10
ENSG00000183647	ZNF530	0.09974004	0.009948076	9.48944E-10
ENSG00000077312	SNRPA	0.099716339	0.009943348	7.54703E-09
ENSG00000161149	TUBA3FP	0.0997144	0.009942962	9.58399E-10
ENSG00000111786	SRSF9	0.099701093	0.009940308	9.63342E-10
ENSG00000163568	AIM2	0.09969574	0.009939241	9.65338E-10
ENSG00000162873	KLHDC8A	0.099674196	0.009934945	9.7341E-10

ENSG00000261064	LINC02256	0.099644752	0.009929077	9.84549E-10
ENSG00000170142	UBE2E1	0.099643724	0.009928872	9.84939E-10
ENSG00000241316	SUCLG2-AS1	0.099637626	0.009927656	9.87263E-10
ENSG00000253293	HOXA10	0.099631229	0.009926382	9.89706E-10
ENSG00000174442	ZWILCH	0.099605152	0.009921186	9.99725E-10
ENSG00000166900	STX3	0.09956701	0.009913589	7.98373E-09
ENSG00000185155	MIXL1	0.099547005	0.009909606	1.02242E-09
ENSG00000138138	ATAD1	0.09951707	0.009903647	1.0343E-09
ENSG00000132341	RAN	0.099505227	0.00990129	8.17152E-09
ENSG00000260022	AL031716.1	0.099467842	0.009893852	1.05414E-09
ENSG00000171320	ESCO2	0.099467068	0.009893698	1.05445E-09
ENSG00000217275	AL031777.1	0.09945976	0.009892244	1.05743E-09
ENSG00000177225	GATD1	0.099404782	0.009881311	1.08008E-09
ENSG00000138434	ITPRID2	0.099391636	0.009878697	1.08557E-09
ENSG00000225762	LINC01389	0.099382882	0.009876957	1.08924E-09

ENSG00000145833	DDX46	0.099382763	0.009876934	1.08929E-09
ENSG00000229162	RUNX3-AS1	0.099363903	0.009873185	1.09723E-09
ENSG00000117713	ARID1A	0.099311177	0.00986271	1.11974E-09
ENSG00000132792	CTNBL1	0.0993015	0.009860788	1.12393E-09
ENSG00000182628	SKA2	0.099243317	0.009849236	9.0164E-09
ENSG00000134684	YARS1	0.099242968	0.009849167	1.14954E-09
ENSG00000087191	PSMC5	0.0992373	0.009848042	1.15205E-09
ENSG00000163067	N.A.	0.099214521	0.009843521	1.16219E-09
ENSG00000105887	MTPN	0.099214107	0.009843439	1.16238E-09
ENSG00000021776	AQR	0.099211708	0.009842963	1.16345E-09
ENSG00000100982	PCIF1	0.099189278	0.009838513	1.17353E-09
ENSG00000226711	FAM66C	0.099149915	0.009830706	1.19143E-09
ENSG00000153310	CYRIB	0.099149226	0.009830569	1.19175E-09
ENSG00000125149	C16orf70	0.099141276	0.009828993	1.1954E-09
ENSG00000039123	MTREX	0.099113627	0.009823511	1.20817E-09

ENSG00000139173	TMEM117	0.099111834	0.009823156	1.209E-09
ENSG00000205456	TP53TG3D	0.099101929	0.009821192	1.21361E-09
ENSG00000170584	NUDCD2	0.09909936	0.009820683	1.21481E-09
ENSG00000177548	RABEP2	0.099091535	0.009819132	1.21847E-09
ENSG00000261662	N.A.	0.09907103	0.009815069	1.22811E-09
ENSG00000229700	AL008627.1	0.099061876	0.009813255	1.23244E-09
ENSG00000211798	TRAV18	0.099057303	0.009812349	1.2346E-09
ENSG00000132718	SYT11	0.099049836	0.00981087	1.23815E-09
ENSG00000078081	LAMP3	0.099033766	0.009807687	1.24581E-09
ENSG00000167523	SPATA33	0.099005111	0.009802012	1.2596E-09
ENSG00000119396	RAB14	0.098999622	0.009800925	1.26226E-09
ENSG00000246273	SBF2-AS1	0.098997599	0.009800525	1.26324E-09
ENSG00000265787	CYP4F35P	0.098877008	0.009776663	1.0342E-08
ENSG00000214955	AP000317.1	0.098875629	0.00977639	1.32376E-09
ENSG00000138709	LARP1B	0.098829165	0.009767204	1.34755E-09

ENSG00000143257	NR1I3	0.098817972	0.009764992	1.35335E-09
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ENSG00000033627	ATP6V0A1	0.098794345	0.009760323	1.36566E-09
ENSG00000137547	MRPL15	0.098762475	0.009754026	1.38243E-09
ENSG00000238198	LRIG2-DT	0.098742715	0.009750124	1.39293E-09
ENSG00000103978	TMEM87A	0.098742218	0.009750026	1.0876E-08
ENSG00000163751	CPA3	0.098740169	0.009749621	1.39429E-09
ENSG00000128915	ICE2	0.098701418	0.00974197	1.41513E-09
ENSG00000089505	CMTM1	0.098694547	0.009740614	1.41886E-09
ENSG00000135960	EDAR	0.098675392	0.009736833	1.4293E-09
ENSG00000172172	MRPL13	0.098663819	0.009734549	1.43565E-09
ENSG00000026036	RTEL1-TNFRSF6B	0.098659968	0.009733789	1.43776E-09
ENSG00000158987	RAPGEF6	0.098618279	0.009725565	1.46088E-09
ENSG00000168769	TET2	0.098611562	0.00972424	1.46464E-09
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ENSG00000211788	TRAV13-1	0.098604027	0.009722754	1.14512E-08
ENSG00000231079	KIF5C-AS1	0.098515141	0.009705233	1.51963E-09
ENSG00000159346	ADIPOR1	0.098459991	0.00969437	1.55199E-09
ENSG00000054118	THRAP3	0.098440113	0.009690456	1.56381E-09
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ENSG00000169612	RAMAC	0.09842578	0.009687634	1.2237E-08
ENSG00000161681	SHANK1	0.098415271	0.009685566	1.2285E-08
ENSG00000213638	ADAT3	0.09841218	0.009684957	1.58058E-09
ENSG00000145022	TCTA	0.098396555	0.009681882	1.59003E-09
ENSG00000264548	AC132872.2	0.098390716	0.009680733	1.59358E-09
ENSG00000166886	NAB2	0.098383314	0.009679276	1.59809E-09
ENSG00000211789	TRAV12-2	0.098371823	0.009677016	1.60511E-09
ENSG00000167286	CD3D	0.098371151	0.009676883	1.60552E-09

ENSG0000079805	DNM2	0.098355932	0.009673889	1.25591E-08
ENSG00000181481	RNF135	0.098345506	0.009671839	1.62131E-09
ENSG0000019144	PHLDB1	0.098316067	0.009666049	1.63962E-09
ENSG00000143493	INTS7	0.098298917	0.009662677	1.65037E-09
ENSG00000103404	USP31	0.098286667	0.009660269	1.28865E-08
ENSG00000114520	SNX4	0.098216595	0.009646499	1.70298E-09
ENSG00000179348	GATA2	0.098206265	0.009644471	1.70969E-09
ENSG00000264659	AC064805.2	0.098179597	0.009639233	1.72715E-09
ENSG00000117362	APH1A	0.098172632	0.009637866	1.34438E-08
ENSG00000255221	CARD17	0.098170688	0.009637484	1.34535E-08
ENSG00000114503	NCBP2	0.098141456	0.009631745	1.75242E-09
ENSG00000253537	PCDHGA7	0.098113212	0.009626202	1.37434E-08
ENSG00000165244	ZNF367	0.098082333	0.009620144	1.79229E-09
ENSG00000264919	N.A.	0.098079997	0.009619686	1.79389E-09
ENSG00000108106	UBE2S	0.098066656	0.00961705	1.80308E-09

ENSG00000104872	PIH1D1	0.098036743	0.009611203	1.41385E-08
ENSG00000161800	RACGAP1	0.098028244	0.009609537	1.82955E-09
ENSG00000163938	GNL3	0.098020436	0.009608006	1.83499E-09
ENSG00000232125	DYTN	0.098009619	0.009605885	1.84256E-09
ENSG00000248774	AC097534.1	0.097983791	0.009600823	1.86074E-09
ENSG00000198522	GPN1	0.097971363	0.009598388	1.86955E-09
ENSG00000162931	TRIM17	0.097965043	0.00959715	1.87404E-09
ENSG00000087903	RFX2	0.097938479	0.009591946	1.89305E-09
ENSG00000119812	FAM98A	0.09789277	0.009582994	1.92621E-09
ENSG00000118298	CA14	0.097854871	0.009575576	1.95413E-09
ENSG00000260186	LINC02137	0.097854108	0.009575427	1.9547E-09
ENSG00000152443	ZNF776	0.097826774	0.009570078	1.97508E-09
ENSG00000254340	AC022784.5	0.097823827	0.009569501	1.97729E-09
ENSG00000160883	HK3	0.097797702	0.009564391	1.99699E-09
ENSG00000181924	COA4	0.097792073	0.00956329	2.00126E-09

ENSG00000163681	SLMAP	0.097789262	0.00956274	2.0034E-09
ENSG00000204314	PRRT1	0.097779651	0.00956086	2.01071E-09
ENSG00000266305	MIR4518	0.097752545	0.00955556	2.03149E-09
ENSG00000135763	URB2	0.0977505	0.00955516	2.03307E-09
ENSG00000163600	ICOS	0.097735493	0.009552227	1.58053E-08
ENSG00000125731	SH2D3A	0.09770361	0.009545995	2.06954E-09
ENSG00000087495	PHACTR3	0.097624629	0.009530568	1.64655E-08
ENSG00000256294	ZNF225	0.097595522	0.009524886	2.15604E-09
ENSG00000143621	ILF2	0.097593741	0.009524538	2.1575E-09
ENSG00000166012	TAF1D	0.097585892	0.009523006	2.16392E-09
ENSG00000055044	NOP58	0.097526454	0.009511409	2.21315E-09
ENSG00000108561	C1QBP	0.097524359	0.009511001	2.21491E-09
ENSG00000133773	CCDC59	0.097523032	0.009510742	2.21602E-09
ENSG00000263126	AC040162.3	0.097494718	0.00950522	1.72733E-08
ENSG00000227057	WDR46	0.097492735	0.009504833	1.72859E-08

ENSG00000258794	DUX4L27	0.097490367	0.009504372	1.7301E-08
ENSG00000198060	MARCHF5	0.097486365	0.009503591	2.24697E-09
ENSG00000105705	SUGP1	0.097476551	0.009501678	2.25533E-09
ENSG00000204370	SDHD	0.097463045	0.009499045	2.26688E-09
ENSG00000159055	MIS18A	0.09746084	0.009498615	2.26877E-09
ENSG00000122741	DCAF10	0.097459287	0.009498313	1.75002E-08
ENSG00000260588	AC027702.1	0.097445124	0.009495552	2.28229E-09
ENSG00000019485	PRDM11	0.097434545	0.00949349	2.29144E-09
ENSG00000165912	PACSIN3	0.097415441	0.009489768	2.30804E-09
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ENSG00000242629	N.A.	0.097382008	0.009483255	2.33739E-09
ENSG00000242473	KIR2DP1	0.097369419	0.009480804	1.80888E-08
ENSG00000243725	TTC4	0.097327997	0.009472739	2.38557E-09
ENSG00000163728	TTC14	0.097308116	0.009468869	2.40355E-09
ENSG00000167972	ABCA3	0.097306773	0.009468608	1.85105E-08

ENSG00000234911	TEX21P	0.097302413	0.00946776	2.40873E-09
ENSG00000118816	CCNI	0.097296434	0.009466596	2.41417E-09
ENSG00000108984	MAP2K6	0.097253694	0.009458281	2.45343E-09
ENSG00000178150	ZNF114	0.097247852	0.009457145	2.45885E-09
ENSG00000157181	ODR4	0.097244798	0.009456551	2.46168E-09
ENSG00000213590	AL807752.1	0.097185601	0.009445041	2.51727E-09
ENSG00000197619	ZNF615	0.097152104	0.009438531	2.54926E-09
ENSG00000147475	ERLIN2	0.097131071	0.009434445	2.56955E-09
ENSG00000245667	AC006064.1	0.097069215	0.009422433	2.63014E-09
ENSG00000160957	RECQL4	0.097067094	0.009422021	2.02136E-08
ENSG00000234290	N.A.	0.097047844	0.009418284	2.6514E-09
ENSG00000087302	RTRAF	0.097023821	0.009413622	2.67549E-09
ENSG00000188215	DCUN1D3	0.096999728	0.009408947	2.69987E-09
ENSG00000109586	GALNT7	0.096990644	0.009407185	2.70912E-09
ENSG00000166889	PATL1	0.096979868	0.009405095	2.72013E-09

ENSG00000186222	BLOC1S4	0.096940217	0.009397406	2.11759E-08
ENSG00000236194	AC099811.1	0.096925565	0.009394565	2.77627E-09
ENSG00000254477	AP000640.1	0.096844282	0.009378815	2.86243E-09
ENSG00000003987	MTMR7	0.096825086	0.009375097	2.88315E-09
ENSG00000047621	C12orf4	0.096822449	0.009374587	2.88601E-09
ENSG00000235328	AC006946.1	0.096772057	0.009364831	2.94116E-09
ENSG00000114554	PLXNA1	0.096770914	0.00936461	2.94242E-09
ENSG00000231102	AL035588.1	0.096764696	0.009363406	2.9493E-09
ENSG00000135506	OS9	0.096757966	0.009362104	2.95676E-09
ENSG00000120798	NR2C1	0.096755603	0.009361647	2.95939E-09
ENSG00000246731	MGC16275	0.0967205	0.009354855	2.99865E-09
ENSG00000121741	ZMYM2	0.09671551	0.00935389	3.00427E-09
ENSG00000131981	LGALS3	0.096694962	0.009349916	3.02753E-09
ENSG00000127540	UQCR11	0.096693928	0.009349716	3.0287E-09
ENSG00000123352	SPATS2	0.096663306	0.009343795	3.0637E-09

ENSG00000153130	SCOC	0.0966443	0.009340121	3.08562E-09
ENSG00000204010	IFIT1B	0.096632787	0.009337896	2.36956E-08
ENSG00000139180	NDUFA9	0.096627271	0.009336829	3.10539E-09
ENSG00000114270	COL7A1	0.096622531	0.009335913	2.37845E-08
ENSG00000125787	GNRH2	0.096606593	0.009332834	3.12956E-09
ENSG00000226055	PAICSP1	0.096602062	0.009331958	2.39629E-08
ENSG00000249592	AC139887.2	0.096575327	0.009326794	3.16646E-09
ENSG00000116771	AGMAT	0.096499646	0.009312182	3.25753E-09
ENSG00000153234	NR4A2	0.096473768	0.009307188	3.28925E-09
ENSG00000186777	ZNF732	0.096454522	0.009303475	3.31304E-09
ENSG00000196792	STRN3	0.096430964	0.009298931	3.34238E-09
ENSG00000249662	LINC02218	0.096393765	0.009291758	3.38923E-09
ENSG00000184307	ZDHHC23	0.096373421	0.009287836	3.41513E-09
ENSG00000005700	IBTK	0.096273389	0.009268566	3.54526E-09
ENSG00000067064	IDI1	0.096226291	0.009259499	3.6082E-09

ENSG0000080493	SLC4A4	0.09612753	0.009240502	3.74371E-09
ENSG0000082515	MRPL22	0.09610368	0.009235917	3.77717E-09
ENSG00000243368	MCCC1-AS1	0.096091432	0.009233563	3.79447E-09
ENSG00000230415	LINC01786	0.096070691	0.009229578	3.82393E-09
ENSG00000196193	N.A.	0.096070362	0.009229514	3.8244E-09
ENSG00000198331	HYLS1	0.096049292	0.009225466	3.85457E-09
ENSG00000119559	C19orf25	0.096042721	0.009224204	3.86402E-09
ENSG00000266912	N.A.	0.096034531	0.009222631	3.87584E-09
ENSG00000164022	AIMP1	0.096026731	0.009221133	3.88713E-09
ENSG00000166987	MBD6	0.095970888	0.009210411	3.96886E-09
ENSG0000048707	VPS13D	0.095938395	0.009204176	4.01719E-09
ENSG0000068079	IFI35	0.095899426	0.0091967	3.09387E-08
ENSG00000125107	CNOT1	0.095884877	0.00919391	4.09804E-09
ENSG00000110844	PRPF40B	0.095881601	0.009193281	4.10304E-09
ENSG00000232686	N.A.	0.095875568	0.009192125	4.11226E-09

ENSG00000198574	SH2D1B	0.095868968	0.009190859	4.12238E-09
ENSG00000267682	AC016590.2	0.095868245	0.00919072	4.12348E-09
ENSG00000147601	TERF1	0.095848803	0.009186993	4.15343E-09
ENSG00000254395	IGHV4-55	0.095837144	0.009184758	4.17148E-09
ENSG00000007402	CACNA2D2	0.095834185	0.009184191	4.17608E-09
ENSG00000163528	CHCHD4	0.095834012	0.009184158	4.17635E-09
ENSG00000157911	PEX10	0.095832048	0.009183781	4.1794E-09
ENSG00000141034	GID4	0.095815148	0.009180543	4.20576E-09
ENSG00000261367	AC012645.2	0.095769685	0.009171833	4.27746E-09
ENSG00000225485	N.A.	0.095758857	0.009169759	4.29472E-09
ENSG00000078900	TP73	0.095740972	0.009166334	3.27651E-08
ENSG00000223549	MTND5P28	0.095739104	0.009165976	3.27873E-08
ENSG00000234618	RPSAP9	0.095716103	0.009161572	4.36351E-09
ENSG00000115758	ODC1	0.095676954	0.00915408	4.42743E-09
ENSG00000213967	ZNF726	0.095650571	0.009149032	4.47103E-09

ENSG00000198841	KTI12	0.095647588	0.009148461	4.47598E-09
ENSG00000179091	CYC1	0.095591253	0.009137688	4.57058E-09
ENSG00000166747	AP1G1	0.095581913	0.009135902	4.58645E-09
ENSG00000224745	AC063965.2	0.095578682	0.009135285	4.59195E-09
ENSG00000072415	MPP5	0.095551016	0.009129997	4.63932E-09
ENSG00000204044	SLC12A5-AS1	0.095548859	0.009129584	4.64304E-09
ENSG00000104859	CLASRP	0.09554729	0.009129285	4.64574E-09
ENSG00000131773	KHDRBS3	0.09554275	0.009128417	4.65357E-09
ENSG00000226491	FTOP1	0.095464876	0.009113543	4.7899E-09
ENSG00000187904	AC097382.1	0.095458681	0.00911236	3.62815E-08
ENSG00000064932	SBNO2	0.095422416	0.009105437	4.86586E-09
ENSG00000134243	SORT1	0.095409842	0.009103038	4.88858E-09
ENSG00000238249	HMG2P17	0.095398418	0.009100858	4.90931E-09
ENSG00000226471	Z93930.2	0.095391194	0.00909948	3.7175E-08
ENSG00000233916	ZDHHC20P1	0.095380795	0.009097496	4.94146E-09

ENSG00000179965	ZNF771	0.095351463	0.009091901	4.99542E-09
ENSG00000152487	N.A.	0.095344357	0.009090546	5.00858E-09
ENSG0000011454	RABGAP1	0.095319921	0.009085887	3.81417E-08
ENSG00000185567	AHNAK2	0.09531486	0.009084923	5.06356E-09
ENSG00000147804	SLC39A4	0.095304444	0.009082937	5.08312E-09
ENSG00000159131	GART	0.095281543	0.009078572	5.12637E-09
ENSG00000267442	N.A.	0.095243606	0.009071344	5.19881E-09
ENSG00000112759	SLC29A1	0.09524105	0.009070858	5.20373E-09
ENSG00000113391	FAM172A	0.095188717	0.009060892	5.30539E-09
ENSG00000251093	AC093281.2	0.095188712	0.009060891	5.3054E-09
ENSG00000261659	Z92544.1	0.095166339	0.009056632	5.34945E-09
ENSG00000115827	DCAF17	0.095162232	0.00905585	5.35757E-09
ENSG00000184922	FMNL1	0.095160691	0.009055557	5.36062E-09
ENSG00000268995	VN1R82P	0.095156851	0.009054826	4.04461E-08
ENSG00000129911	KLF16	0.095149699	0.009053465	5.38244E-09

ENSG00000119725	ZNF410	0.095091115	0.00904232	5.50017E-09
ENSG0000021574	SPAST	0.095077733	0.009039775	5.52742E-09
ENSG00000169957	ZNF768	0.095063177	0.009037008	5.5572E-09
ENSG00000105700	KXD1	0.095035418	0.009031731	4.22493E-08
ENSG0000018869	ZNF582	0.095026344	0.009030006	4.23871E-08
ENSG00000125743	SNRPD2	0.095019116	0.009028632	5.6483E-09
ENSG00000267106	ZNF561-AS1	0.095017276	0.009028283	5.65214E-09
ENSG00000075336	TIMM21	0.09498313	0.009021795	5.72379E-09
ENSG00000142686	C1orf216	0.094970423	0.009019381	5.75067E-09
ENSG00000264386	MIR4513	0.094955497	0.009016546	5.78241E-09
ENSG00000118705	RPN2	0.094954046	0.009016271	5.78551E-09
ENSG00000110442	COMMD9	0.094952844	0.009016043	5.78807E-09
ENSG00000166866	MYO1A	0.094933473	0.009012364	5.82956E-09
ENSG00000164236	ANKRD33B	0.094919932	0.009009793	4.40364E-08
ENSG00000123094	RASSF8	0.094898461	0.009005718	5.90527E-09

ENSG00000101391	CDK5RAP1	0.094893203	0.00900472	5.91673E-09
ENSG00000240065	PSMB9	0.094870897	0.009000487	5.96556E-09
ENSG00000160584	SIK3	0.094853966	0.008997275	6.00288E-09
ENSG00000175262	C1orf127	0.094850137	0.008996548	6.01135E-09
ENSG00000164603	BMT2	0.094845083	0.00899559	6.02255E-09
ENSG00000263966	N.A.	0.094823028	0.008991407	6.07167E-09
ENSG00000171863	RPS7	0.094811538	0.008989228	6.09741E-09
ENSG00000259343	TMC3-AS1	0.094791964	0.008985516	6.14151E-09
ENSG00000103061	SLC7A6OS	0.094791553	0.008985439	4.61091E-08
ENSG00000119778	ATAD2B	0.094766499	0.008980689	6.19934E-09
ENSG00000264991	N.A.	0.094758815	0.008979233	6.2169E-09
ENSG00000095319	NUP188	0.094756184	0.008978734	6.22292E-09
ENSG00000156650	KAT6B	0.094751429	0.008977833	6.23382E-09
ENSG00000134717	BTF3L4	0.094739516	0.008975576	6.2612E-09
ENSG00000113712	CSNK1A1	0.094729213	0.008973624	6.28498E-09

ENSG00000152763	DNAI4	0.094723289	0.008972502	6.29869E-09
ENSG00000157224	CLDN12	0.0947057	0.00896917	6.33958E-09
ENSG00000130713	EXOSC2	0.094690242	0.008966242	6.37572E-09
ENSG00000144744	UBA3	0.094679965	0.008964296	6.39986E-09
ENSG00000113648	MACROH2A1	0.094651947	0.008958991	6.46612E-09
ENSG00000260774	AC021087.3	0.094632569	0.008955323	6.51234E-09
ENSG00000149761	NUDT22	0.094629039	0.008954655	6.5208E-09
ENSG00000100211	CBY1	0.094605757	0.008950249	4.92773E-08
ENSG00000198010	DLGAP2	0.094595959	0.008948395	6.60054E-09
ENSG00000065613	SLK	0.094556954	0.008941017	6.69579E-09
ENSG00000263731	AC145207.5	0.094545153	0.008938786	5.03557E-08
ENSG00000224345	N.A.	0.09453601	0.008937057	6.74748E-09
ENSG00000205683	DPF3	0.094386589	0.008908828	7.1277E-09
ENSG00000182541	LIMK2	0.094368984	0.008905505	5.36219E-08
ENSG00000226012	AP001434.1	0.094329752	0.008898102	7.27773E-09

ENSG00000228804	AC072022.1	0.094286489	0.008889942	7.39398E-09
ENSG00000148842	CNNM2	0.094284835	0.00888963	7.39846E-09
ENSG00000172270	BSG	0.094257138	0.008884408	7.47387E-09
ENSG00000225399	AC121247.1	0.094222204	0.008877824	7.57006E-09
ENSG00000121964	GTDC1	0.094205807	0.008874734	7.61562E-09
ENSG00000213225	NOC2LP1	0.094205745	0.008874722	7.61579E-09
ENSG00000081237	PTPRC	0.094183901	0.008870607	5.72744E-08
ENSG00000143727	ACP1	0.094183591	0.008870549	7.67777E-09
ENSG00000176428	VPS37D	0.094167485	0.008867515	7.72314E-09
ENSG00000185219	ZNF445	0.094124323	0.008859388	7.84601E-09
ENSG00000217648	AL136116.3	0.094111952	0.00885706	5.87585E-08
ENSG00000122176	FMOD	0.094110377	0.008856763	7.88612E-09
ENSG00000187961	KLHL17	0.094105586	0.008855861	7.89994E-09
ENSG00000164284	GRPEL2	0.094096793	0.008854206	7.92537E-09
ENSG00000187790	FANCM	0.094089364	0.008852808	7.94692E-09

ENSG00000167978	SRRM2	0.094086848	0.008852335	7.95423E-09
ENSG00000155111	CDK19	0.094074589	0.008850028	7.98995E-09
ENSG00000086061	DNAJA1	0.093975861	0.008831463	8.28332E-09
ENSG00000215068	AC025171.2	0.093967666	0.008829922	8.30814E-09
ENSG00000182154	MRPL41	0.093967485	0.008829888	8.30869E-09
ENSG00000128342	LIF	0.093952436	0.00882706	8.35445E-09
ENSG00000198563	DDX39B	0.093916088	0.008820232	8.466E-09
ENSG00000189051	RNF222	0.093880228	0.008813497	8.57746E-09
ENSG00000109332	UBE2D3	0.093876101	0.008812722	8.59038E-09
ENSG00000114757	PEX5L	0.093864763	0.008810594	8.62597E-09
ENSG00000104951	IL411	0.093859361	0.00880958	8.64298E-09
ENSG00000153253	SCN3A	0.093837982	0.008805567	8.71061E-09
ENSG00000152455	SUV39H2	0.093826688	0.008803447	8.74655E-09
ENSG00000167968	DNASE1L2	0.09380428	0.008799243	8.81827E-09
ENSG00000175305	CCNE2	0.093783748	0.008795391	8.88449E-09

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ENSG00000268889	AC008750.6	0.093741652	0.008787497	9.02177E-09
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ENSG00000266239	N.A.	0.093689772	0.008777773	9.1938E-09
ENSG00000214465	SMARCE1P6	0.093678511	0.008775663	9.23156E-09
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ENSG0000011405	PIK3C2A	0.09362718	0.008766049	9.4056E-09
ENSG00000005189	REXO5	0.093572593	0.00875583	9.59417E-09
ENSG00000146701	MDH2	0.093544026	0.008750485	9.69431E-09
ENSG00000153015	CWC27	0.093519489	0.008745895	9.78114E-09
ENSG00000112855	HARS2	0.093512515	0.008744591	9.80595E-09

ENSG0000099992	TBC1D10A	0.093502074	0.008742638	9.84322E-09
ENSG00000237797	MACORIS	0.09347247	0.008737103	9.94963E-09
ENSG00000258527	ASB9P1	0.093446551	0.008732258	1.00437E-08
ENSG00000137776	SLTM	0.093442462	0.008731494	7.4479E-08
ENSG00000131462	TUBG1	0.093389373	0.008721575	1.02543E-08
ENSG00000136603	SKIL	0.093352883	0.008714761	1.0391E-08
ENSG00000261118	AC092123.1	0.093328103	0.008710135	1.04848E-08
ENSG00000134504	KCTD1	0.093321094	0.008708827	1.05115E-08
ENSG00000253519	AC106801.1	0.093303809	0.008705601	1.05776E-08
ENSG00000123485	HJURP	0.093277735	0.008700736	1.0678E-08
ENSG00000111716	LDHB	0.093257425	0.008696947	7.94985E-08
ENSG00000225094	SETP20	0.093174549	0.008681497	1.10847E-08
ENSG00000145293	ENOPH1	0.093162391	0.008679231	1.11336E-08
ENSG00000164078	MST1R	0.093152769	0.008677438	1.11725E-08
ENSG00000113657	DPYSL3	0.093140371	0.008675129	1.12227E-08

ENSG00000211671	N.A.	0.093099711	0.008667556	1.1389E-08
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ENSG00000130772	MED18	0.093092941	0.008666296	1.1417E-08
ENSG00000143858	SYT2	0.093090951	0.008665925	1.14252E-08
ENSG00000102871	TRADD	0.093086843	0.00866516	1.14422E-08
ENSG00000213438	YBX2P1	0.093076017	0.008663145	1.14871E-08
ENSG00000188672	RHCE	0.09306787	0.008661629	8.498E-08
ENSG00000224420	ADM5	0.093060756	0.008660304	1.15506E-08
ENSG00000204923	FBXO48	0.092964501	0.008642399	1.19596E-08
ENSG00000173757	STAT5B	0.092932253	0.008636404	1.20997E-08
ENSG00000130182	ZSCAN10	0.092920057	0.008634137	1.21531E-08
ENSG00000172869	DMXL1	0.092912205	0.008632678	1.21876E-08
ENSG00000062524	LTK	0.09290998	0.008632264	1.21974E-08
ENSG00000163655	GMPS	0.092905627	0.008631456	1.22166E-08
ENSG00000176248	ANAPC2	0.092898506	0.008630132	1.2248E-08

ENSG00000137817	PARP6	0.092886227	0.008627851	1.23025E-08
ENSG00000111358	GTF2H3	0.092881115	0.008626902	1.23252E-08
ENSG00000075426	FOSL2	0.092880556	0.008626798	1.23277E-08
ENSG00000213240	N.A.	0.092866719	0.008624228	1.23894E-08
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ENSG00000188725	SMIM15	0.0928366	0.008618634	1.25248E-08
ENSG00000096070	BRPF3	0.092815803	0.008614773	1.26191E-08
ENSG00000188107	EYS	0.092812858	0.008614227	1.26325E-08
ENSG00000056097	ZFR	0.09280518	0.008612801	1.26675E-08
ENSG00000120948	TARDBP	0.092763634	0.008605092	1.28587E-08
ENSG00000165140	FBP1	0.092741302	0.008600949	1.29627E-08
ENSG00000141384	TAF4B	0.092735898	0.008599947	1.2988E-08
ENSG00000162607	USP1	0.092733094	0.008599427	1.30011E-08
ENSG00000101464	PIGU	0.092720757	0.008597139	1.3059E-08
ENSG00000238197	PAXBP1-AS1	0.092704125	0.008594055	1.31375E-08

ENSG00000211625	IGKV3D-20	0.092685558	0.008590613	1.32257E-08
ENSG00000136451	VEZF1	0.092654507	0.008584858	1.33744E-08
ENSG00000122008	POLK	0.092654191	0.008584799	1.33759E-08
ENSG00000066044	ELAVL1	0.092642869	0.008582701	1.34306E-08
ENSG00000204767	INSYN2B	0.092638824	0.008581952	1.34502E-08
ENSG00000168944	CEP120	0.092621963	0.008578828	1.35321E-08
ENSG00000100934	SEC23A	0.092612859	0.008577142	1.35765E-08
ENSG00000117305	HMGCL	0.092584668	0.008571921	1.37149E-08
ENSG00000167123	CERCAM	0.092580635	0.008571174	1.00804E-07
ENSG00000068697	LAPTM4A	0.092567172	0.008568681	1.38015E-08
ENSG00000125875	TBC1D20	0.092500429	0.008556329	1.41368E-08
ENSG00000139154	AEBP2	0.092482841	0.008553076	1.42265E-08
ENSG00000006451	RALA	0.092471791	0.008551032	1.42831E-08
ENSG00000102901	CENPT	0.092471756	0.008551026	1.42833E-08
ENSG00000151726	ACSL1	0.092441132	0.008545363	1.44414E-08

ENSG00000151247	EIF4E	0.092423796	0.008542158	1.45316E-08
ENSG00000247473	CARS1-AS1	0.092394913	0.00853682	1.46831E-08
ENSG0000016391	CHDH	0.092390738	0.008536048	1.47052E-08
ENSG0000065057	NTHL1	0.092372015	0.008532589	1.48044E-08
ENSG00000167703	SLC43A2	0.092336537	0.008526036	1.49941E-08
ENSG00000116030	SUMO1	0.092253149	0.008510644	1.54495E-08
ENSG00000144893	MED12L	0.092217321	0.008504034	1.14424E-07
ENSG00000235173	HGH1	0.09221135	0.008502933	1.14662E-07
ENSG00000088356	PDRG1	0.092180109	0.008497172	1.58593E-08
ENSG00000135604	STX11	0.092177863	0.008496758	1.58721E-08
ENSG00000092199	HNRNPC	0.092174913	0.008496215	1.58889E-08
ENSG00000168772	CXXC4	0.092172762	0.008495818	1.59011E-08
ENSG00000047410	TPR	0.092155987	0.008492726	1.5997E-08
ENSG00000120685	PROSER1	0.092138794	0.008489557	1.60958E-08
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ENSG00000114654	EFCC1	0.092086662	0.008479953	1.63991E-08
ENSG00000116918	TSNAX	0.092078331	0.008478419	1.64481E-08
ENSG00000058673	ZC3H11A	0.092044692	0.008472225	1.66473E-08
ENSG00000258531	BANF1P1	0.092042234	0.008471773	1.66619E-08
ENSG00000186432	KPNA4	0.092032595	0.008469999	1.67195E-08
ENSG00000143228	NUF2	0.091976703	0.008459714	1.24407E-07
ENSG00000259935	AC009754.1	0.091949916	0.008454787	1.72213E-08
ENSG00000262903	AC027796.4	0.091943205	0.008453553	1.72626E-08
ENSG00000204685	STARD7-AS1	0.09192579	0.008450351	1.73704E-08
ENSG00000125977	EIF2S2	0.091919157	0.008449131	1.74116E-08
ENSG00000253438	PCAT1	0.091839433	0.008434481	1.79146E-08
ENSG00000149100	EIF3M	0.091778866	0.00842336	1.83061E-08
ENSG00000119650	IFT43	0.091739289	0.008416097	1.85664E-08
ENSG00000165312	OTUD1	0.091733576	0.008415049	1.86043E-08
ENSG00000166946	CCNDBP1	0.091710946	0.008410898	1.36415E-07

ENSG00000246889	AP000487.1	0.091683042	0.00840578	1.89426E-08
ENSG00000225225	ARL2BPP10	0.091677678	0.008404797	1.89788E-08
ENSG00000153896	ZNF599	0.091675888	0.008404468	1.3808E-07
ENSG00000056586	RC3H2	0.091675263	0.008404354	1.89952E-08
ENSG00000198586	TLK1	0.091619229	0.008394083	1.93783E-08
ENSG00000077942	FBLN1	0.091610841	0.008392546	1.94363E-08
ENSG00000184432	COPB2	0.091547825	0.008381004	1.98773E-08
ENSG00000247950	SEC24B-AS1	0.091523444	0.008376541	2.00506E-08
ENSG00000162402	USP24	0.091521071	0.008376107	2.00675E-08
ENSG00000264937	AC100830.2	0.091519483	0.008375816	2.00788E-08
ENSG00000101363	MANBAL	0.091508234	0.008373757	2.01594E-08
ENSG00000177283	FZD8	0.091502423	0.008372693	2.02011E-08
ENSG00000119953	SMNDC1	0.091493711	0.008371099	2.02638E-08
ENSG00000237101	AC092809.4	0.091457659	0.008364503	2.05253E-08
ENSG00000094880	CDC23	0.091456046	0.008364208	2.05371E-08

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ENSG00000131061	ZNF341	0.091448935	0.008362908	2.05891E-08
ENSG00000135842	NIBAN1	0.091441681	0.008361581	2.06423E-08
ENSG00000142546	NOSIP	0.091396355	0.008353294	2.09776E-08
ENSG00000137876	RSL24D1	0.091390942	0.008352304	2.1018E-08
ENSG00000243926	TIPARP-AS1	0.091381147	0.008350514	2.10913E-08
ENSG00000266910	AC008507.1	0.091369056	0.008348304	2.11821E-08
ENSG00000145354	CISD2	0.091365914	0.00834773	2.12057E-08
ENSG00000268015	AC010320.2	0.091322107	0.008339727	2.15383E-08
ENSG00000173486	FKBP2	0.091317332	0.008338855	2.15748E-08
ENSG00000132964	CDK8	0.091299272	0.008335557	1.57258E-07
ENSG00000159377	PSMB4	0.091297073	0.008335156	2.17306E-08
ENSG00000188848	BEND4	0.091271322	0.008330454	2.19302E-08
ENSG00000181222	POLR2A	0.091249078	0.008326394	2.2104E-08
ENSG00000153201	RANBP2	0.091222502	0.008321545	2.23134E-08

ENSG00000168070	MAJIN	0.0911919	0.008315963	2.25569E-08
ENSG00000156675	RAB11FIP1	0.091189208	0.008315472	2.25784E-08
ENSG00000231393	AL357874.2	0.091161896	0.008310491	2.27982E-08
ENSG00000164109	MAD2L1	0.091155069	0.008309247	1.65264E-07
ENSG00000258920	FOXN3-AS1	0.091148863	0.008308115	2.29037E-08
ENSG00000149311	ATM	0.091106668	0.008300425	2.32488E-08
ENSG00000143093	STRIP1	0.091073688	0.008294417	2.3522E-08
ENSG00000248213	CICP16	0.091064464	0.008292737	2.3599E-08
ENSG00000205744	DENND1C	0.091028637	0.008286213	2.39003E-08
ENSG00000120549	KIAA1217	0.09100994	0.008282809	1.73718E-07
ENSG00000240401	AC012358.2	0.090955279	0.008272863	2.45289E-08
ENSG00000268891	N.A.	0.090915693	0.008265663	2.48747E-08
ENSG00000144736	SHQ1	0.090902253	0.00826322	2.49932E-08
ENSG00000101084	RAB5IF	0.090893595	0.008261646	1.80797E-07
ENSG00000197723	N.A.	0.090870572	0.008257461	2.52747E-08

ENSG00000198791	CNOT7	0.090868512	0.008257086	2.52931E-08
ENSG00000196684	HSH2D	0.090865569	0.008256552	2.53194E-08
ENSG00000179967	PPP1R14BP3	0.090806787	0.008245873	2.58508E-08
ENSG00000129636	ITFG1	0.090800951	0.008244813	2.59041E-08
ENSG00000183808	RBM12B	0.090792694	0.008243313	2.59797E-08
ENSG00000170633	RNF34	0.090735482	0.008232928	2.65098E-08
ENSG00000011426	ANLN	0.090729688	0.008231876	2.65641E-08
ENSG00000164091	WDR82	0.090726834	0.008231358	2.65908E-08
ENSG00000100813	ACIN1	0.090690356	0.008224741	2.69353E-08
ENSG00000112029	FBXO5	0.09066428	0.008220012	2.71842E-08
ENSG00000158023	CFAP251	0.090661971	0.008219593	2.72063E-08
ENSG00000173141	MRPL57	0.090602293	0.008208776	1.99765E-07
ENSG00000109220	CHIC2	0.09057637	0.008204079	2.80398E-08
ENSG00000189144	ZNF573	0.090574471	0.008203735	2.80585E-08
ENSG00000207808	MIR27A	0.090558747	0.008200887	2.82144E-08

ENSG00000141905	NFIC	0.090445733	0.008180431	2.1074E-07
ENSG00000115165	CYTIP	0.09041572	0.008175002	2.1291E-07
ENSG00000133740	E2F5	0.090408715	0.008173736	2.97445E-08
ENSG00000225806	AL121917.1	0.090372438	0.008167178	3.01263E-08
ENSG00000155561	NUP205	0.090359489	0.008164837	3.02638E-08
ENSG00000154065	ANKRD29	0.090356132	0.008164231	2.17282E-07
ENSG00000140829	DHX38	0.090327331	0.008159027	3.06078E-08
ENSG00000211888	TRAJ1	0.090325008	0.008158607	3.06328E-08
ENSG00000182180	MRPS16	0.090302073	0.008154464	3.08806E-08
ENSG00000264695	AC007922.1	0.09028925	0.008152149	3.102E-08
ENSG00000125657	TNFSF9	0.090270818	0.008148821	3.12215E-08
ENSG00000141385	AFG3L2	0.090215862	0.008138902	3.18298E-08
ENSG00000185721	DRG1	0.090209451	0.008137745	3.19015E-08
ENSG00000167985	SDHAF2	0.090179898	0.008132414	3.2234E-08
ENSG00000089159	PXN	0.090124273	0.008122385	3.28691E-08

ENSG0000071082	RPL31	0.090104705	0.008118858	3.30954E-08
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ENSG00000163577	EIF5A2	0.090031158	0.008105609	3.39595E-08
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ENSG00000113916	BCL6	0.090009869	0.008101777	3.42137E-08
ENSG00000083535	PIBF1	0.089956485	0.008092169	3.48592E-08
ENSG00000077147	TM9SF3	0.089950687	0.008091126	3.493E-08
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ENSG00000175707	KDF1	0.089933431	0.008088022	3.51416E-08
ENSG00000137720	C11orf1	0.089892003	0.008080572	3.56546E-08
ENSG00000079435	LIPE	0.089887524	0.008079767	3.57105E-08
ENSG00000203965	EFCAB7	0.089879394	0.008078305	3.58122E-08
ENSG00000080503	SMARCA2	0.089855181	0.008073954	3.61167E-08
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ENSG00000213888	LINC01521	0.089777851	0.008060062	3.71062E-08
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ENSG00000241837	ATP5PO	0.089639589	0.008035256	3.89411E-08
ENSG00000172354	GNB2	0.089637434	0.008034869	3.89704E-08
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ENSG00000256073	URB1-AS1	0.089563874	0.008021688	3.99829E-08
ENSG00000139117	CPNE8	0.089563307	0.008021586	2.84386E-07
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ENSG00000165269	AQP7	0.089497082	0.008009728	4.09244E-08
ENSG00000168014	C2CD3	0.089496192	0.008009568	4.0937E-08
ENSG00000132821	VSTM2L	0.089454997	0.008002196	4.15285E-08
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ENSG00000240771	ARHGEF25	0.089349435	0.007983321	4.30823E-08
ENSG00000122367	LDB3	0.089333469	0.007980469	4.33221E-08
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ENSG00000186231	KLHL32	0.089303713	0.007975153	4.37726E-08

ENSG00000160072	ATAD3B	0.089295828	0.007973745	3.11248E-07
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ENSG00000165457	FOLR2	0.089281656	0.007971214	4.41095E-08
ENSG00000269967	AL136115.2	0.089257761	0.007966948	4.44772E-08
ENSG00000157890	MEGF11	0.089257595	0.007966918	4.44798E-08
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ENSG00000131876	SNRPA1	0.089093229	0.007937604	4.70913E-08
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ENSG00000163125	RPRD2	0.089065071	0.007932587	4.75533E-08
ENSG00000196850	PPTC7	0.089047907	0.00792953	3.38323E-07
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ENSG00000107140	TESK1	0.089027361	0.007925871	4.8179E-08
ENSG00000213906	LTB4R2	0.089023935	0.007925261	3.41058E-07
ENSG00000158480	SPATA2	0.089010489	0.007922867	4.84615E-08
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ENSG00000239819	IGKV1D-8	0.08898523	0.007918371	4.88875E-08
ENSG0000010282	HHATL	0.088971291	0.007915891	4.91241E-08
ENSG00000181856	SLC2A4	0.08896578	0.00791491	4.92179E-08
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ENSG00000107164	FUBP3	0.088915097	0.007905895	5.00892E-08
ENSG00000213213	CCDC183	0.088913394	0.007905592	5.01188E-08
ENSG00000263164	AC087500.2	0.088843264	0.007893126	5.13498E-08
ENSG00000158816	VWA5B1	0.088825509	0.007889971	5.1666E-08
ENSG00000188039	NWD1	0.088815573	0.007888206	5.18439E-08
ENSG00000211950	IGHV1-24	0.088796624	0.00788484	5.21846E-08
ENSG00000172939	OXSR1	0.088763351	0.007878933	5.27882E-08
ENSG00000104221	BRF2	0.088753638	0.007877208	5.29657E-08
ENSG00000055147	FAM114A2	0.088738454	0.007874513	5.32443E-08
ENSG00000185250	PPIL6	0.088737782	0.007874394	5.32567E-08
ENSG00000055163	CYFIP2	0.088734628	0.007873834	5.33147E-08
ENSG00000247934	AC022364.1	0.088728346	0.007872719	5.34306E-08
ENSG00000112658	SRF	0.08869392	0.007866611	5.40697E-08
ENSG00000197496	SLC2A10	0.088673703	0.007863026	5.44484E-08

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ENSG00000166313	APBB1	0.088602234	0.007850356	5.58081E-08
ENSG00000165671	NSD1	0.08856583	0.007843906	5.65132E-08
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ENSG00000160469	BRSK1	0.088535886	0.007838603	5.70997E-08
ENSG00000262837	AC027801.5	0.088510308	0.007834075	5.76053E-08
ENSG00000219355	RPL31P52	0.088496606	0.007831649	5.78779E-08
ENSG00000171161	ZNF672	0.088489836	0.007830451	5.80131E-08
ENSG00000267316	AC090409.2	0.088428568	0.007819612	4.16274E-07
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ENSG00000173546	CSPG4	0.08840101	0.007814739	5.98152E-08
ENSG00000112309	B3GAT2	0.088364161	0.007808225	6.05786E-08
ENSG00000234515	PPP1R2P1	0.088325078	0.007801319	6.13986E-08

ENSG00000104205	SGK3	0.088304598	0.007797702	6.18326E-08
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ENSG00000185924	RTN4RL1	0.088271573	0.007791871	6.25386E-08
ENSG00000258443	AC005225.1	0.088241471	0.007786557	6.3189E-08
ENSG00000136943	CTSV	0.088229287	0.007784407	6.34541E-08
ENSG00000047662	FAM184B	0.088224473	0.007783558	6.35591E-08
ENSG00000258769	RAP1AP	0.088216968	0.007782234	6.37232E-08
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ENSG00000163531	NFASC	0.088170012	0.007773951	4.53716E-07
ENSG00000170903	MSANTD4	0.088167848	0.007773569	6.48073E-08
ENSG00000207973	MIR589	0.088150066	0.007770434	6.52042E-08
ENSG00000126353	CCR7	0.088145601	0.007769647	6.53042E-08
ENSG00000088053	GP6	0.088142297	0.007769065	6.53783E-08
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ENSG00000128606	LRRC17	0.088111945	0.007763715	6.60629E-08
ENSG00000165617	DACT1	0.088103108	0.007762158	6.62636E-08
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ENSG00000196678	ERI2	0.088093885	0.007760533	6.64736E-08
ENSG00000264290	AC104564.3	0.08807952	0.007758002	6.6802E-08
ENSG00000168209	DDIT4	0.088067842	0.007755945	6.70701E-08
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ENSG00000268688	N.A.	0.088029882	0.00774926	6.79488E-08
ENSG00000215021	PHB2	0.08802787	0.007748906	6.79957E-08
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ENSG00000138182	KIF20B	0.0879744	0.007739495	6.92533E-08
ENSG00000106351	AGFG2	0.087965794	0.007737981	6.94578E-08

ENSG00000164961	WASHC5	0.087960086	0.007736977	6.95938E-08
ENSG00000257242	LINC01619	0.087952588	0.007735658	6.97728E-08
ENSG00000161654	LSM12	0.087951542	0.007735474	6.97977E-08
ENSG00000228107	AP000692.1	0.087896616	0.007725815	7.1123E-08
ENSG00000064393	HIPK2	0.087892759	0.007725137	7.1217E-08
ENSG00000117625	RCOR3	0.087862255	0.007719776	7.19645E-08
ENSG00000085760	MTIF2	0.087856466	0.007718759	5.03493E-07
ENSG00000224144	ASH2LP1	0.087823899	0.007713037	5.08955E-07
ENSG00000140280	LYSMD2	0.087801822	0.00770916	5.12691E-07
ENSG00000107897	ACBD5	0.08777367	0.007704217	7.41784E-08
ENSG00000262745	N.A.	0.087770355	0.007703635	7.42625E-08
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ENSG00000206965	RNU6-5P	0.087725875	0.007695829	7.54002E-08
ENSG00000187642	PERM1	0.087700975	0.007691461	5.30094E-07
ENSG00000175536	LIPT2	0.087685616	0.007688767	7.64444E-08

ENSG00000260448	LCMT1-AS1	0.087633278	0.007679591	7.78229E-08
ENSG00000122884	P4HA1	0.087614061	0.007676224	7.8335E-08
ENSG00000249307	LINC01088	0.087607323	0.007675043	7.85153E-08
ENSG00000176340	COX8A	0.087590238	0.00767205	7.89744E-08
ENSG00000151065	DCP1B	0.087588205	0.007671694	7.90292E-08
ENSG00000244926	ALKBH3-AS1	0.087577621	0.00766984	7.93151E-08
ENSG00000196757	ZNF700	0.087561108	0.007666948	5.55176E-07
ENSG00000114648	KLHL18	0.08755661	0.00766616	7.98856E-08
ENSG00000268613	N.A.	0.087547427	0.007664552	8.01362E-08
ENSG00000151422	FER	0.087533398	0.007662096	8.05205E-08
ENSG00000141522	ARHGDI1	0.087519531	0.007659668	5.6285E-07
ENSG00000167182	SP2	0.087512868	0.007658502	8.10861E-08
ENSG00000083807	SLC27A5	0.087494989	0.007655373	8.15818E-08
ENSG00000171217	CLDN20	0.087492701	0.007654973	5.67857E-07
ENSG00000137078	SIT1	0.087478135	0.007652424	8.20518E-08

ENSG00000135365	PHF21A	0.087478073	0.007652413	8.20535E-08
ENSG00000231970	AL355490.2	0.08745771	0.007648851	8.26249E-08
ENSG0000010017	RANBP9	0.087455817	0.00764852	8.26782E-08
ENSG00000184619	KRBA2	0.087433241	0.007644572	8.33165E-08
ENSG00000261050	N.A.	0.087427228	0.00764352	8.34873E-08
ENSG00000229473	RGS17P1	0.087382525	0.007635706	8.47679E-08
ENSG00000229409	AL117328.1	0.087381101	0.007635457	8.4809E-08
ENSG00000235863	B3GALT4	0.087377712	0.007634865	5.89805E-07
ENSG00000117411	B4GALT2	0.08737202	0.00763387	5.90912E-07
ENSG00000169926	KLF13	0.087352773	0.007630507	8.56307E-08
ENSG00000259319	AF111167.2	0.087350244	0.007630065	8.57044E-08
ENSG00000108830	RND2	0.0872723	0.007616454	8.80072E-08
ENSG00000174669	SLC29A2	0.087261313	0.007614537	8.83366E-08
ENSG00000213551	DNAJC9	0.087246162	0.007611893	8.87927E-08
ENSG00000236199	AL359076.1	0.087216032	0.007606636	8.97066E-08

ENSG00000124766	SOX4	0.087116026	0.007589202	9.28058E-08
ENSG00000004897	CDC27	0.087099368	0.0075863	9.33321E-08
ENSG00000207709	N.A.	0.087048814	0.007577496	9.49467E-08
ENSG00000159885	ZNF222	0.087033607	0.007574849	9.54377E-08
ENSG00000107581	EIF3A	0.087033111	0.007574762	9.54537E-08
ENSG00000255559	ZNF252P-AS1	0.086987611	0.007566845	9.69377E-08
ENSG00000231628	AL133406.2	0.086984357	0.007566278	9.70447E-08
ENSG00000207498	N.A.	0.086982987	0.00756604	9.70897E-08
ENSG00000249947	XBP1P1	0.086978177	0.007565203	9.72481E-08
ENSG00000127564	PKMYT1	0.086936393	0.007557936	9.86348E-08
ENSG00000241490	AC093010.1	0.086884617	0.007548937	1.0038E-07
ENSG00000134049	IER3IP1	0.08687278	0.00754688	1.00783E-07
ENSG00000165046	LETM2	0.086856176	0.007543995	7.00052E-07
ENSG00000175376	EIF1AD	0.086856175	0.007543995	1.01351E-07
ENSG00000197385	ZNF860	0.086854323	0.007543673	1.01414E-07

ENSG00000130589	HELZ2	0.086850193	0.007542956	1.01556E-07
ENSG00000175203	DCTN2	0.086841708	0.007541482	1.01848E-07
ENSG00000171812	COL8A2	0.086836017	0.007540494	1.02045E-07
ENSG00000107821	KAZALD1	0.086799185	0.007534098	1.03324E-07
ENSG00000178718	RPP25	0.086777743	0.007530377	7.18262E-07
ENSG00000085872	CHERP	0.086774521	0.007529818	1.0419E-07
ENSG00000100523	DDHD1	0.086772225	0.007529419	7.1956E-07
ENSG00000214711	CAPN14	0.086765255	0.00752821	1.04517E-07
ENSG00000147570	DNAJC5B	0.086761914	0.00752763	1.04635E-07
ENSG00000260367	AC109460.1	0.08676161	0.007527577	1.04646E-07
ENSG00000211655	IGLV1-36	0.086733606	0.007522718	1.05641E-07
ENSG00000268032	N.A.	0.086728784	0.007521882	1.05813E-07
ENSG00000058668	ATP2B4	0.08670464	0.007517695	7.35646E-07
ENSG00000261114	AC012181.1	0.086697924	0.00751653	1.06923E-07
ENSG00000177733	HNRNPA0	0.086693963	0.007515843	1.07066E-07

ENSG00000261270	AC012181.2	0.086693814	0.007515817	1.07071E-07
ENSG00000130748	TMEM160	0.08668382	0.007514085	1.07433E-07
ENSG00000170727	N.A.	0.086668225	0.007511381	1.08001E-07
ENSG00000235109	ZSCAN31	0.086637373	0.007506034	1.09132E-07
ENSG00000270167	N.A.	0.086630907	0.007504914	1.0937E-07
ENSG00000103522	IL21R	0.086630545	0.007504851	1.09384E-07
ENSG00000153767	GTF2E1	0.086600337	0.007499618	1.10505E-07
ENSG00000268573	AC011815.1	0.086599859	0.007499536	1.10523E-07
ENSG00000100387	RBX1	0.086591356	0.007498063	1.10841E-07
ENSG00000189079	ARID2	0.086561665	0.007492922	1.11957E-07
ENSG00000179240	GVQW3	0.086536863	0.007488629	1.12897E-07
ENSG00000244754	N4BP2L2	0.086491188	0.007480726	1.14649E-07
ENSG00000038427	VCAN	0.086466922	0.007476529	1.15591E-07
ENSG00000130783	CCDC62	0.086462338	0.007475736	1.1577E-07
ENSG00000137947	GTF2B	0.086450707	0.007473725	1.16224E-07

ENSG00000110911	SLC11A2	0.086427788	0.007469763	1.17125E-07
ENSG00000250889	N.A.	0.086416813	0.007467866	1.17559E-07
ENSG00000164509	IL31RA	0.086411772	0.007466994	1.17759E-07
ENSG00000268328	N.A.	0.086393284	0.0074638	1.18494E-07
ENSG00000163930	BAP1	0.086366021	0.00745909	1.19587E-07
ENSG00000198700	IPO9	0.086322377	0.007451553	1.21357E-07
ENSG00000135446	CDK4	0.086307766	0.00744903	1.21955E-07
ENSG00000260160	AC011468.1	0.086239059	0.007437175	1.24806E-07
ENSG00000182983	ZNF662	0.086212583	0.00743261	1.25921E-07
ENSG00000101544	ADNP2	0.0861883	0.007428423	1.26953E-07
ENSG00000066933	MYO9A	0.086097694	0.007412813	1.30875E-07
ENSG00000196465	MYL6B	0.086091211	0.007411697	1.3116E-07
ENSG00000241990	PRR34-AS1	0.086025883	0.007400452	1.34067E-07
ENSG00000232254	CSF2RBP1	0.086017973	0.007399092	1.34423E-07
ENSG00000156304	SCAF4	0.08601462	0.007398515	1.34574E-07

ENSG00000235453	SMIM27	0.086004514	0.007396776	1.35031E-07
ENSG00000267701	N.A.	0.086004251	0.007396731	1.35043E-07
ENSG00000264772	AC016876.2	0.085955807	0.007388401	1.37254E-07
ENSG00000169410	PTPN9	0.085950906	0.007387558	1.3748E-07
ENSG00000171208	NETO2	0.085949856	0.007387378	1.37528E-07
ENSG00000122068	FYTTD1	0.085945126	0.007386565	1.37746E-07
ENSG00000249044	N.A.	0.085944837	0.007386515	1.37759E-07
ENSG00000025293	PHF20	0.085942235	0.007386068	1.3788E-07
ENSG00000168067	MAP4K2	0.085924128	0.007382956	1.38719E-07
ENSG00000074054	CLASP1	0.085923044	0.007382769	1.38769E-07
ENSG00000116604	MEF2D	0.08590221	0.00737919	1.39741E-07
ENSG00000230521	AL645929.1	0.085899947	0.007378801	1.39847E-07
ENSG00000248278	SUMO2P17	0.085818268	0.007364775	1.43723E-07
ENSG00000105131	EPHX3	0.08580362	0.007362261	1.4443E-07
ENSG00000132361	CLUH	0.085800177	0.00736167	1.44596E-07

ENSG00000175938	ORAI3	0.085787092	0.007359425	1.4523E-07
ENSG00000086666	ZFAND6	0.085757886	0.007354415	1.46656E-07
ENSG00000136485	DCAF7	0.085746654	0.007352489	1.47208E-07
ENSG00000053254	FOXN3	0.08574101	0.007351521	1.00634E-06
ENSG00000149806	FAU	0.085725573	0.007348874	1.48249E-07
ENSG00000264924	AC090772.1	0.085711327	0.007346432	1.48956E-07
ENSG00000104164	BLOC1S6	0.085701516	0.00734475	1.49446E-07
ENSG00000111790	FGFR1OP2	0.085675412	0.007340276	1.0279E-06
ENSG00000138495	COX17	0.085672276	0.007339739	1.50913E-07
ENSG00000162520	SYNC	0.085637584	0.007333796	1.52672E-07
ENSG00000167112	TRUB2	0.085626876	0.007331962	1.53219E-07
ENSG00000239149	SNORA59A	0.085600375	0.007327424	1.5458E-07
ENSG00000243678	NME2	0.085590032	0.007325654	1.55115E-07
ENSG00000230155	CEP250-AS1	0.085583734	0.007324576	1.55441E-07
ENSG00000225079	FTH1P22	0.085577624	0.00732353	1.55759E-07

ENSG00000196597	ZNF782	0.085573885	0.00732289	1.55953E-07
ENSG00000230002	ALMS1-IT1	0.085566423	0.007321613	1.56342E-07
ENSG00000269397	AC011503.2	0.085554884	0.007319638	1.56945E-07
ENSG00000188015	S100A3	0.085553661	0.007319429	1.57009E-07
ENSG00000215902	N.A.	0.085520503	0.007313756	1.58755E-07
ENSG00000140688	RUSF1	0.085511619	0.007312237	1.59226E-07
ENSG00000168301	KCTD6	0.085505571	0.007311203	1.08581E-06
ENSG00000137098	SPAG8	0.085503775	0.007310896	1.59643E-07
ENSG00000106328	FSCN3	0.085486433	0.00730793	1.60569E-07
ENSG00000166783	MARF1	0.085476813	0.007306286	1.61085E-07
ENSG00000052723	SIKE1	0.085476643	0.007306257	1.61094E-07
ENSG00000267736	HMGB2P1	0.08547431	0.007305858	1.09681E-06
ENSG00000138621	PPCDC	0.085444067	0.007300689	1.62852E-07
ENSG00000175592	FOSL1	0.085427662	0.007297885	1.63745E-07
ENSG00000247287	AL359220.1	0.085422595	0.00729702	1.64022E-07

ENSG00000114353	GNAI2	0.085417925	0.007296222	1.64277E-07
ENSG00000152601	MBNL1	0.085407502	0.007294441	1.64848E-07
ENSG00000253878	AC087752.3	0.085341874	0.007283235	1.6849E-07
ENSG00000205765	C5orf51	0.085338942	0.007282735	1.68655E-07
ENSG00000108840	HDAC5	0.085325667	0.007280469	1.69402E-07
ENSG00000106028	SSBP1	0.08532297	0.007280009	1.69554E-07
ENSG00000163463	KRTCAP2	0.085319951	0.007279494	1.69724E-07
ENSG00000068885	IFT80	0.085284195	0.007273394	1.71755E-07
ENSG00000240970	RPL23AP64	0.085284055	0.00727337	1.71763E-07
ENSG00000105197	TIMM50	0.085283722	0.007273313	1.71782E-07
ENSG00000143761	ARF1	0.085280737	0.007272804	1.71953E-07
ENSG00000132139	N.A.	0.085252408	0.007267973	1.73581E-07
ENSG00000176732	PFN4	0.085233024	0.007264668	1.74703E-07
ENSG00000125967	NECAB3	0.085215255	0.00726164	1.75738E-07
ENSG00000185670	ZBTB3	0.085189786	0.0072573	1.77232E-07

ENSG00000139644	TMBIM6	0.085187816	0.007256964	1.77348E-07
ENSG00000215595	C20orf202	0.085181138	0.007255826	1.77742E-07
ENSG00000111644	ACRBP	0.085158809	0.007252023	1.79065E-07
ENSG00000171443	ZNF524	0.085158193	0.007251918	1.79102E-07
ENSG00000196787	H2AC11	0.085147008	0.007250013	1.79768E-07
ENSG00000265452	MIR3682	0.08512181	0.007245722	1.81279E-07
ENSG00000164756	SLC30A8	0.085102329	0.007242406	1.82455E-07
ENSG00000244151	AC010973.2	0.085102217	0.007242387	1.82462E-07
ENSG00000165119	HNRNPK	0.085057455	0.007234771	1.85193E-07
ENSG00000088726	TMEM40	0.085041658	0.007232084	1.86166E-07
ENSG00000188206	N.A.	0.085035695	0.007231069	1.26288E-06
ENSG00000235665	LINC00298	0.085013318	0.007227264	1.87924E-07
ENSG00000260086	AC007611.1	0.084999867	0.007224977	1.27747E-06
ENSG00000163882	POLR2H	0.084998553	0.007224754	1.88846E-07
ENSG00000143393	PI4KB	0.084968586	0.007219661	1.90732E-07

ENSG00000266236	NARF-IT1	0.084964271	0.007218927	1.91005E-07
ENSG00000130164	LDLR	0.084959079	0.007218045	1.91334E-07
ENSG00000112144	CILK1	0.084931311	0.007213328	1.93102E-07
ENSG00000185697	MYBL1	0.084892037	0.007206658	1.95631E-07
ENSG00000234028	EIF2AK3-DT	0.084884069	0.007205305	1.96148E-07
ENSG00000138297	N.A.	0.084882956	0.007205116	1.9622E-07
ENSG00000228436	AL139260.1	0.084870278	0.007202964	1.97046E-07
ENSG00000005844	ITGAL	0.084818335	0.00719415	2.00463E-07
ENSG00000145715	RASA1	0.084790593	0.007189445	2.02311E-07
ENSG00000135930	EIF4E2	0.084748147	0.007182248	2.05171E-07
ENSG00000068724	TTC7A	0.084742426	0.007181279	2.0556E-07
ENSG00000223929	N.A.	0.084723023	0.007177991	2.06882E-07
ENSG00000226987	AL157938.1	0.084710183	0.007175815	2.07762E-07
ENSG00000237188	AC242426.2	0.084702145	0.007174453	2.08315E-07
ENSG00000251485	NRBF2P6	0.084697976	0.007173747	2.08602E-07

ENSG00000168003	SLC3A2	0.084690539	0.007172487	2.09115E-07
ENSG00000100528	CNIH1	0.084631481	0.007162488	2.13235E-07
ENSG00000204257	HLA-DMA	0.084602249	0.007157541	1.45064E-06
ENSG00000174374	N.A.	0.084574725	0.007152884	2.17268E-07
ENSG00000245008	AP001122.1	0.084548369	0.007148427	2.19165E-07
ENSG00000172789	HOXC5	0.084542649	0.007147459	2.19579E-07
ENSG00000198561	CTNND1	0.084529071	0.007145164	2.20565E-07
ENSG00000264584	N.A.	0.084521844	0.007143942	2.21091E-07
ENSG00000168872	DDX19A	0.084494759	0.007139364	1.5012E-06
ENSG0000024526	DEPDC1	0.084448643	0.007131573	2.26492E-07
ENSG00000089692	LAG3	0.084443609	0.007130723	2.26868E-07
ENSG00000198336	MYL4	0.084427893	0.007128069	2.28045E-07
ENSG00000141456	PELP1	0.084424871	0.007127559	1.53498E-06
ENSG00000173894	CBX2	0.084424374	0.007127475	2.2831E-07
ENSG00000163848	ZNF148	0.084389089	0.007121518	2.30979E-07

ENSG00000166333	ILK	0.08437899	0.007119814	2.31748E-07
ENSG00000253829	AC067817.2	0.084377182	0.007119509	2.31886E-07
ENSG00000246528	AC079089.1	0.084370697	0.007118415	2.32382E-07
ENSG00000187240	DYNC2H1	0.084359981	0.007116606	2.33203E-07
ENSG00000225335	AC016027.1	0.084356195	0.007115968	2.33494E-07
ENSG00000203691	N.A.	0.084351847	0.007115234	2.33828E-07
ENSG00000136888	ATP6V1G1	0.084349605	0.007114856	2.34001E-07
ENSG00000148187	MRRF	0.084300628	0.007106596	2.37803E-07
ENSG00000168710	AHCYL1	0.084297636	0.007106091	2.38037E-07
ENSG00000198018	ENTPD7	0.084290769	0.007104934	2.38576E-07
ENSG00000132603	NIP7	0.084290572	0.007104901	2.38591E-07
ENSG00000197768	STPG3	0.084286221	0.007104167	2.38933E-07
ENSG00000005961	ITGA2B	0.08427089	0.007101583	2.40141E-07
ENSG00000157450	RNF111	0.084267155	0.007100953	2.40436E-07
ENSG00000259793	AC013726.1	0.08425393	0.007098725	2.41484E-07

ENSG0000099385	BCL7C	0.084249622	0.007097999	2.41826E-07
ENSG00000146757	ZNF92	0.084237646	0.007095981	2.4278E-07
ENSG00000260808	AP003096.1	0.084189898	0.007087939	2.4662E-07
ENSG00000150594	ADRA2A	0.084187024	0.007087455	2.46853E-07
ENSG00000087884	AAMDC	0.084183621	0.007086882	2.47129E-07
ENSG00000141428	C18orf21	0.084173487	0.007085176	2.47953E-07
ENSG00000176046	NUPR1	0.084153853	0.007081871	2.49557E-07
ENSG00000167380	ZNF226	0.084143604	0.007080146	2.50399E-07
ENSG00000139579	NABP2	0.084137459	0.007079112	2.50905E-07
ENSG00000133639	BTG1	0.08413367	0.007078474	2.51217E-07
ENSG00000109606	DHX15	0.084125749	0.007077142	2.51871E-07
ENSG00000173258	ZNF483	0.08411581	0.007075469	2.52695E-07
ENSG00000163006	CCDC138	0.08409586	0.007072114	2.54355E-07
ENSG00000134153	EMC7	0.084078272	0.007069156	2.55827E-07
ENSG00000204922	UQCC3	0.08404962	0.007064339	2.58244E-07

ENSG00000174928	C3orf33	0.084030029	0.007061046	2.59908E-07
ENSG00000196470	SIAH1	0.084005515	0.007056927	2.62006E-07
ENSG00000082269	FAM135A	0.08397803	0.007052309	2.64378E-07
ENSG00000268584	AC073389.1	0.083973425	0.007051536	2.64777E-07
ENSG00000232855	AF165147.1	0.083920628	0.007042672	2.69398E-07
ENSG00000141026	MED9	0.083917151	0.007042088	2.69705E-07
ENSG00000127080	IPPK	0.083895869	0.007038517	2.71591E-07
ENSG00000072849	DERL2	0.083845212	0.00703002	1.84479E-06
ENSG00000139793	MBNL2	0.08380748	0.007023694	2.79564E-07
ENSG00000254469	AP002495.1	0.08374887	0.007013873	2.84974E-07
ENSG00000168610	STAT3	0.08372971	0.007010664	2.86764E-07
ENSG00000207790	N.A.	0.08370824	0.007007069	2.88784E-07
ENSG00000178430	N.A.	0.083690803	0.007004151	2.90434E-07
ENSG00000220614	AL583834.1	0.083687249	0.007003556	2.90771E-07
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ENSG00000224870	MRPL20-AS1	0.083537567	0.006978525	2.03281E-06
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ENSG00000180423	HARBI1	0.083403993	0.006956226	3.18917E-07
ENSG00000138778	CENPE	0.083390728	0.006954014	3.20297E-07
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ENSG00000115884	SDC1	0.083378222	0.006951928	3.21604E-07
ENSG00000232811	AL360270.1	0.083363093	0.006949405	2.14748E-06
ENSG00000116350	SRSF4	0.083356289	0.006948271	3.23909E-07
ENSG00000103599	IQCH	0.083345953	0.006946548	3.25E-07
ENSG00000183019	MCEMP1	0.083328688	0.00694367	3.26831E-07
ENSG00000154783	FGD5	0.083319774	0.006942185	3.27781E-07
ENSG00000269399	AC008764.6	0.08328694	0.006936714	3.313E-07

ENSG0000021826	CPS1	0.083278719	0.006935345	3.32187E-07
ENSG00000260095	AC106820.3	0.083268771	0.006933688	3.33263E-07
ENSG00000100129	EIF3L	0.083244507	0.006929648	3.35903E-07
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ENSG00000163029	SMC6	0.083196899	0.006921724	3.4114E-07
ENSG00000109881	CCDC34	0.083178038	0.006918586	3.43237E-07
ENSG00000131759	RARA	0.083169154	0.006917108	3.44229E-07
ENSG00000172845	SP3	0.083168035	0.006916922	3.44354E-07
ENSG00000245812	LINC02202	0.083155734	0.006914876	3.45732E-07
ENSG00000265579	AC023301.1	0.083146838	0.006913397	3.46732E-07
ENSG00000163879	DNALI1	0.08313651	0.006911679	3.47897E-07
ENSG00000165702	GFI1B	0.083130326	0.006910651	3.48596E-07
ENSG00000152192	POU4F1	0.083116394	0.006908335	3.50176E-07
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ENSG00000033030	ZCCHC8	0.082925468	0.006876633	3.7254E-07
ENSG00000171823	FBXL14	0.082908326	0.006873791	3.74613E-07
ENSG00000151743	AMN1	0.082898075	0.006872091	3.75859E-07
ENSG00000110075	PPP6R3	0.08287052	0.006867523	3.79227E-07
ENSG00000111653	ING4	0.082869881	0.006867417	3.79305E-07
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ENSG00000259351	AC015914.1	0.082798337	0.006855565	3.88188E-07
ENSG00000111271	ACAD10	0.082777019	0.006852035	3.90873E-07
ENSG00000022840	RNF10	0.082766288	0.006850258	3.92232E-07
ENSG00000183814	LIN9	0.082715422	0.006841841	3.98733E-07
ENSG00000218052	ADAMTS7P4	0.082700711	0.006839408	4.00633E-07

ENSG00000219200	RNASEK	0.082694961	0.006838457	4.01378E-07
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ENSG00000171408	PDE7B	0.082689251	0.006837512	4.02119E-07
ENSG00000170088	TMEM192	0.082673111	0.006834843	4.04221E-07
ENSG00000177076	ACER2	0.082649392	0.006830922	2.68472E-06
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ENSG00000237892	KLF7-IT1	0.082569486	0.00681772	4.17969E-07
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ENSG00000012048	BRCA1	0.082533957	0.006811854	4.22786E-07
ENSG00000162426	SLC45A1	0.082527949	0.006810862	4.23605E-07
ENSG00000198720	ANKRD13B	0.082514507	0.006808644	4.25445E-07
ENSG00000164764	SBSPON	0.082511465	0.006808142	4.25862E-07
ENSG00000160685	ZBTB7B	0.082505192	0.006807107	4.26724E-07
ENSG00000260005	AC027601.1	0.082504952	0.006807067	4.26757E-07
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ENSG00000261055	AL450468.2	0.082452358	0.006798391	4.34052E-07
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ENSG00000228956	SATB1-AS1	0.082425687	0.006793994	2.87819E-06
ENSG00000100146	SOX10	0.082390984	0.006788274	4.42715E-07
ENSG00000091157	WDR7	0.082388694	0.006787897	4.43042E-07
ENSG00000216109	N.A.	0.082382752	0.006786918	4.4389E-07
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ENSG00000237984	PTENP1	0.082364982	0.00678399	4.46436E-07
ENSG00000226862	AC104463.2	0.082358673	0.006782951	4.47343E-07
ENSG00000076513	ANKRD13A	0.082345152	0.006780724	4.49294E-07

ENSG00000267501	AC104365.2	0.082330126	0.00677825	4.51471E-07
ENSG00000142168	SOD1	0.082318689	0.006776366	4.53135E-07
ENSG00000150687	PRSS23	0.082298218	0.006772997	4.56128E-07
ENSG00000226979	LTA	0.082230167	0.0067618	4.66215E-07
ENSG00000243063	IGKV3-7	0.082228069	0.006761455	4.6653E-07
ENSG00000165527	ARF6	0.082226331	0.00676117	4.6679E-07
ENSG00000106080	FKBP14	0.082212494	0.006758894	4.6887E-07
ENSG00000181284	TMEM102	0.082202906	0.006757318	3.08413E-06
ENSG00000085840	ORC1	0.082200989	0.006757003	4.70606E-07
ENSG00000183723	CMTM4	0.082187114	0.006754722	4.72708E-07
ENSG00000102878	HSF4	0.082131154	0.006745526	4.81277E-07
ENSG00000052344	PRSS8	0.082092553	0.006739187	4.87276E-07
ENSG00000249993	BFSP2-AS1	0.082080648	0.006737233	4.8914E-07
ENSG00000204472	AIF1	0.082059732	0.0067338	4.92432E-07
ENSG00000110848	CD69	0.082038717	0.006730351	4.95762E-07

ENSG00000124171	PARD6B	0.082021923	0.006727596	4.98438E-07
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ENSG00000161847	RAVER1	0.081971395	0.00671931	5.06574E-07
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ENSG00000205758	CRYZL1	0.08190206	0.006707947	5.17948E-07
ENSG00000115760	BIRC6	0.08189673	0.006707074	5.18832E-07
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ENSG00000091129	NRCAM	0.081868163	0.006702396	5.23597E-07
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ENSG0000068831	RASGRP2	0.081763034	0.006685194	5.41499E-07
ENSG00000236333	TRHDE-AS1	0.081758305	0.00668442	5.42318E-07
ENSG00000164830	OXR1	0.081674322	0.006670695	5.57062E-07
ENSG00000138698	RAP1GDS1	0.081671026	0.006670157	5.57649E-07
ENSG00000133121	STARD13	0.08166942	0.006669894	5.57935E-07
ENSG00000135476	ESPL1	0.081664847	0.006669147	5.5875E-07
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ENSG00000090520	DNAJB11	0.081660986	0.006668517	5.59439E-07
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ENSG00000133302	SLF1	0.081632052	0.006663792	5.64629E-07
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ENSG00000248098	BCKDHA	0.081343638	0.006616787	6.18965E-07
ENSG00000004468	CD38	0.081343482	0.006616762	6.18996E-07
ENSG00000116824	CD2	0.081258599	0.00660296	6.35925E-07
ENSG00000150961	SEC24D	0.081255876	0.006602517	6.36476E-07

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ENSG00000187187	ZNF546	0.081105653	0.006578127	4.32268E-06
ENSG00000102189	EEA1	0.081083723	0.00657457	6.7222E-07
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ENSG00000132517	SLC52A1	0.080885582	0.006542477	7.15756E-07
ENSG00000104765	BNIP3L	0.080876152	0.006540952	7.17894E-07
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ENSG00000147677	EIF3H	0.08084183	0.006535402	7.25729E-07
ENSG00000259092	TRAV30	0.080840797	0.006535234	7.25966E-07
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ENSG00000267242	N.A.	0.080712077	0.006514439	7.56098E-07
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ENSG00000122707	RECK	0.079904486	0.006384727	9.74501E-07
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ENSG00000147687	TATDN1	0.079832847	0.006373283	9.9657E-07
ENSG00000185090	MANEAL	0.079808446	0.006369388	1.0042E-06
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ENSG00000134326	CMPK2	0.079706554	0.006353135	1.03665E-06

ENSG00000105516	DBP	0.07969103	0.00635066	1.04168E-06
ENSG00000100429	HDAC10	0.079608442	0.006337504	1.06886E-06
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ENSG00000188060	RAB42	0.079584724	0.006333728	1.07678E-06
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ENSG00000167996	FTH1	0.079485486	0.006317942	1.11057E-06
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ENSG00000250116	RHOQ-AS1	0.079476122	0.006316454	1.11381E-06
ENSG00000169756	LIMS1	0.079458148	0.006313597	1.12006E-06
ENSG00000144031	ANKRD53	0.079448503	0.006312065	1.12343E-06
ENSG00000023909	GCLM	0.079434646	0.006309863	1.12828E-06
ENSG00000136940	PDCL	0.079432098	0.006309458	1.12917E-06

ENSG00000184792	OSBP2	0.079417711	0.006307173	1.13424E-06
ENSG00000132661	NXT1	0.07940298	0.006304833	1.13944E-06
ENSG00000198551	ZNF627	0.079349654	0.006296368	1.15848E-06
ENSG00000038358	EDC4	0.079321104	0.006291838	1.1688E-06
ENSG00000164182	NDUFAF2	0.079312275	0.006290437	1.17201E-06
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ENSG00000118156	ZNF541	0.079197232	0.006272201	1.21461E-06
ENSG00000119636	BBOF1	0.079177372	0.006269056	1.22211E-06
ENSG00000115268	RPS15	0.0791297	0.006261509	1.2403E-06
ENSG00000170382	LRRN2	0.07912779	0.006261207	7.85243E-06
ENSG00000078967	UBE2D4	0.079127648	0.006261185	1.24109E-06
ENSG00000144848	ATG3	0.079111263	0.006258592	1.24741E-06

ENSG00000155252	PI4K2A	0.079108299	0.006258123	1.24855E-06
ENSG00000263574	AC125421.1	0.07907736	0.006253229	1.26058E-06
ENSG00000158859	ADAMTS4	0.079017404	0.00624375	1.28419E-06
ENSG00000137309	HMGA1	0.07900683	0.006242079	1.2884E-06
ENSG00000117523	PRRC2C	0.078988112	0.006239122	1.29588E-06
ENSG00000124596	OARD1	0.078978669	0.00623763	1.29967E-06
ENSG00000036257	CUL3	0.07897367	0.00623684	1.30169E-06
ENSG00000104524	PYCR3	0.078905825	0.006226129	1.32928E-06
ENSG00000163599	CTLA4	0.078829296	0.006214058	1.36107E-06
ENSG00000199266	SNORA60	0.078799276	0.006209326	1.37375E-06
ENSG00000177707	NECTIN3	0.078792445	0.006208249	1.37665E-06
ENSG00000196811	CHRNA	0.078767885	0.00620438	1.38712E-06
ENSG00000175294	CATSPER1	0.078763294	0.006203657	1.38908E-06
ENSG00000228651	N.A.	0.078710216	0.006195298	1.41201E-06
ENSG00000268649	AL132655.2	0.078707213	0.006194825	1.41332E-06

ENSG00000257243	PARK7P1	0.078703516	0.006194243	1.41493E-06
ENSG0000010318	PHF7	0.078667819	0.006188626	1.43059E-06
ENSG00000224940	PRRT4	0.078666676	0.006188446	1.43109E-06
ENSG00000232640	AL354892.2	0.078645484	0.006185112	1.44046E-06
ENSG0000027869	SH2D2A	0.078644869	0.006185015	1.44074E-06
ENSG00000174844	DNAH12	0.078637659	0.006183881	1.44394E-06
ENSG00000174365	SNHG11	0.078632152	0.006183015	1.44639E-06
ENSG00000166887	VPS39	0.07862338	0.006181636	1.45031E-06
ENSG00000152785	BMP3	0.078594976	0.00617717	1.46305E-06
ENSG00000146005	PSD2	0.078586823	0.006175889	1.46672E-06
ENSG00000103021	CCDC113	0.078572852	0.006173693	1.47305E-06
ENSG00000229417	NPM1P25	0.078540815	0.00616866	1.48764E-06
ENSG00000165506	DNAAF2	0.078524684	0.006166126	1.49504E-06
ENSG00000166855	CLPX	0.078519737	0.006165349	1.49732E-06
ENSG00000165887	ANKRD2	0.078499724	0.006162207	1.50656E-06

ENSG00000184203	PPP1R2	0.078488936	0.006160513	1.51157E-06
ENSG00000265625	AC104564.5	0.078459897	0.006155955	1.52513E-06
ENSG00000232719	AC007272.1	0.078456417	0.006155409	1.52676E-06
ENSG00000242580	IGKV1D-43	0.078456277	0.006155387	1.52683E-06
ENSG00000182909	N.A.	0.0784427	0.006153257	9.62259E-06
ENSG00000180747	SMG1P3	0.078386317	0.006144415	1.56E-06
ENSG00000153944	MSI2	0.078347694	0.006138361	1.57861E-06
ENSG00000171631	P2RY6	0.078343841	0.006137757	1.58048E-06
ENSG00000163811	WDR43	0.078341937	0.006137459	1.5814E-06
ENSG00000177542	SLC25A22	0.078307989	0.006132141	1.59797E-06
ENSG00000245910	SNHG6	0.078288475	0.006129085	1.60756E-06
ENSG00000136826	KLF4	0.078282134	0.006128093	1.61069E-06
ENSG00000172086	KRCC1	0.078254486	0.006123765	1.62441E-06
ENSG00000141040	ZNF287	0.078250641	0.006123163	1.62632E-06
ENSG00000249236	AC008892.1	0.078246066	0.006122447	1.62861E-06

ENSG00000162630	B3GALT2	0.078226698	0.006119416	1.63831E-06
ENSG00000229715	EEF1DP3	0.078177973	0.006111796	1.66295E-06
ENSG00000268583	AC011466.1	0.078163171	0.006109481	1.67051E-06
ENSG00000148943	LIN7C	0.078159785	0.006108952	1.67224E-06
ENSG00000183856	IQGAP3	0.078133444	0.006104835	1.68579E-06
ENSG00000005238	FAM214B	0.078128978	0.006104137	1.68809E-06
ENSG00000229447	AC114495.2	0.078114052	0.006101805	1.69582E-06
ENSG00000164180	TMEM161B	0.078094995	0.006098828	1.70575E-06
ENSG00000132563	REEP2	0.078094034	0.006098678	1.70625E-06
ENSG00000197603	CPLANE1	0.078093362	0.006098573	1.7066E-06
ENSG00000269131	N.A.	0.078088999	0.006097892	1.70888E-06
ENSG00000172336	POP7	0.078088828	0.006097865	1.70897E-06
ENSG00000259583	AC015712.2	0.078065135	0.006094165	1.7214E-06
ENSG00000214455	RCN1P2	0.078056331	0.006092791	1.72605E-06
ENSG00000115548	KDM3A	0.078030001	0.006088681	1.74E-06

ENSG00000177853	ZNF518A	0.078024589	0.006087836	1.74288E-06
ENSG00000183508	TENT5C	0.078020955	0.006087269	1.74482E-06
ENSG00000259668	AC066613.1	0.07799063	0.006082538	1.76107E-06
ENSG00000145708	CRHBP	0.077974842	0.006080076	1.76959E-06
ENSG00000101182	PSMA7	0.07797267	0.006079737	1.77077E-06
ENSG00000077327	SPAG6	0.077967374	0.006078911	1.77364E-06
ENSG00000234076	TPRG1-AS1	0.077935312	0.006073913	1.79109E-06
ENSG00000268093	AC022154.1	0.077926003	0.006072462	1.79619E-06
ENSG00000159216	RUNX1	0.077903873	0.006069013	1.80837E-06
ENSG00000152795	HNRNPDL	0.077897011	0.006067944	1.81217E-06
ENSG00000039600	SOX30	0.077868719	0.006063537	1.82789E-06
ENSG00000224543	SNRPGP15	0.0778277	0.006057151	1.15315E-05
ENSG00000261269	AC093278.2	0.077819162	0.006055822	1.85574E-06
ENSG00000101624	CEP76	0.077801894	0.006053135	1.86554E-06
ENSG00000267248	AC025048.2	0.077778155	0.006049441	1.87909E-06

ENSG0000058272	PPP1R12A	0.077777195	0.006049292	1.87964E-06
ENSG00000207034	Y_RNA	0.07773517	0.006042757	1.90387E-06
ENSG00000164199	ADGRV1	0.077719641	0.006040343	1.9129E-06
ENSG00000082068	WDR70	0.077711352	0.006039054	1.91774E-06
ENSG00000161960	EIF4A1	0.077701382	0.006037505	1.92357E-06
ENSG00000136950	ARPC5L	0.077657782	0.006030731	1.94928E-06
ENSG00000138378	STAT4	0.077648256	0.006029252	1.95494E-06
ENSG00000214867	SRSF9P1	0.077646367	0.006028958	1.95607E-06
ENSG00000120438	TCP1	0.077619141	0.006024731	1.97234E-06
ENSG00000234494	SP2-AS1	0.077610275	0.006023355	1.97767E-06
ENSG00000119689	DLST	0.077598271	0.006021492	1.23323E-05
ENSG00000243066	RN7SL842P	0.077595094	0.006020999	1.98683E-06
ENSG00000163491	NEK10	0.077573485	0.006017646	1.99993E-06
ENSG00000249602	AL589765.4	0.077569469	0.006017023	2.00237E-06
ENSG00000215811	BTNL10	0.077568234	0.006016831	2.00312E-06

ENSG00000175104	TRAF6	0.077561187	0.006015738	2.00742E-06
ENSG00000260534	AC100827.3	0.077548975	0.006013844	2.01489E-06
ENSG00000236278	PEBP1P3	0.07753976	0.006012414	2.02054E-06
ENSG00000235217	TSPY26P	0.077523423	0.006009881	2.0306E-06
ENSG00000169554	ZEB2	0.077503769	0.006006834	2.04277E-06
ENSG00000138069	RAB1A	0.077481498	0.006003383	2.05664E-06
ENSG00000171466	ZNF562	0.07747229	0.006001956	2.0624E-06
ENSG00000244005	NFS1	0.077464336	0.006000723	2.06739E-06
ENSG00000155640	N.A.	0.077459075	0.005999908	2.07069E-06
ENSG00000224424	PRKAR2A-AS1	0.07745361	0.005999062	2.07413E-06
ENSG00000118412	CASP8AP2	0.077445733	0.005997842	2.0791E-06
ENSG00000221949	LINC01465	0.07744417	0.005997599	2.08009E-06
ENSG00000144535	DIS3L2	0.077442049	0.005997271	2.08143E-06
ENSG00000163053	SLC16A14	0.07738009	0.005987678	2.12094E-06
ENSG00000136842	TMOD1	0.077361218	0.005984758	2.13312E-06

ENSG00000172748	ZNF596	0.077352154	0.005983356	2.13899E-06
ENSG00000248323	LUCAT1	0.077346393	0.005982464	2.14274E-06
ENSG00000126460	PRRG2	0.077315255	0.005977649	2.16306E-06
ENSG00000217159	LARP1P1	0.077255155	0.005968359	2.20282E-06
ENSG00000145919	BOD1	0.077254791	0.005968303	2.20307E-06
ENSG00000187627	RGPD1	0.077210306	0.005961431	2.23295E-06
ENSG00000175691	ZNF77	0.077207277	0.005960964	2.235E-06
ENSG00000238018	AC093110.1	0.077204679	0.005960562	2.23676E-06
ENSG00000166793	YPEL4	0.077201498	0.005960071	2.23891E-06
ENSG00000068971	PPP2R5B	0.077149171	0.005951995	2.27466E-06
ENSG00000151849	CENPJ	0.077141355	0.005950789	2.28004E-06
ENSG00000163319	MRPS18C	0.077111315	0.005946155	2.30085E-06
ENSG00000082074	FYB1	0.077084292	0.005941988	2.31973E-06
ENSG00000177602	HASPIN	0.077079038	0.005941178	2.32342E-06
ENSG00000126583	PRKCG	0.077052751	0.005937126	2.34195E-06

ENSG00000235579	RPL38P5	0.077038552	0.005934938	2.35203E-06
ENSG00000144381	HSPD1	0.077026975	0.005933155	2.36027E-06
ENSG00000111087	GLI1	0.077009221	0.00593042	2.37296E-06
ENSG00000160326	SLC2A6	0.077007639	0.005930177	2.37409E-06
ENSG00000115266	APC2	0.076908982	0.005914991	1.50704E-05
ENSG00000204392	LSM2	0.076897346	0.005913202	2.45446E-06
ENSG00000251229	AL645924.2	0.076892273	0.005912422	2.45822E-06
ENSG00000124789	NUP153	0.076875615	0.00590986	2.4706E-06
ENSG00000232573	RPL3P4	0.076871365	0.005909207	2.47377E-06
ENSG00000258136	AC007622.2	0.076859511	0.005907384	2.48263E-06
ENSG00000198835	GJC2	0.076853201	0.005906415	2.48736E-06
ENSG00000226853	AC010894.1	0.076831103	0.005903018	2.50398E-06
ENSG00000175213	ZNF408	0.076829047	0.005902702	2.50553E-06
ENSG00000006327	TNFRSF12A	0.076806	0.005899162	2.523E-06
ENSG00000218018	RBM38-AS1	0.076791644	0.005896957	2.53393E-06

ENSG00000230812	N.A.	0.076787273	0.005896285	2.53727E-06
ENSG0000082293	COL19A1	0.076777225	0.005894742	2.54496E-06
ENSG00000100985	MMP9	0.076772206	0.005893972	2.54881E-06
ENSG00000136052	SLC41A2	0.076746007	0.00588995	2.569E-06
ENSG00000187098	MITF	0.076726732	0.005886991	2.58395E-06
ENSG00000211776	TRAV2	0.076726131	0.005886899	2.58442E-06
ENSG00000118600	RXYLT1	0.076673767	0.005878867	2.62546E-06
ENSG00000174567	GOLT1A	0.076660063	0.005876765	2.63631E-06
ENSG00000261533	N.A.	0.076646954	0.005874755	2.64672E-06
ENSG00000231010	AL121672.1	0.076611651	0.005869345	2.67497E-06
ENSG00000119946	CNNM1	0.076611391	0.005869305	2.67518E-06
ENSG0000081189	MEF2C	0.076601638	0.005867811	2.68303E-06
ENSG00000198736	MSRB1	0.076577435	0.005864103	2.70262E-06
ENSG00000232578	AC093311.1	0.076577196	0.005864067	2.70281E-06
ENSG00000169750	RAC3	0.076552788	0.005860329	2.7227E-06

ENSG00000226423	AC093642.1	0.076552199	0.005860239	2.72318E-06
ENSG00000249936	RAC1P2	0.076550937	0.005860046	2.72422E-06
ENSG00000230082	PRRT3-AS1	0.076533561	0.005857386	2.73847E-06
ENSG00000211452	DIO1	0.076500091	0.005852264	2.76613E-06
ENSG00000224699	LAMTOR5-AS1	0.076488895	0.005850551	2.77544E-06
ENSG00000187840	EIF4EBP1	0.076478335	0.005848936	2.78425E-06
ENSG00000073861	TBX21	0.076477455	0.005848801	2.78499E-06
ENSG00000171056	SOX7	0.076477243	0.005848769	2.78516E-06
ENSG00000211930	IGHD3-3	0.076432144	0.005841873	2.8231E-06
ENSG00000089723	OTUB2	0.076427364	0.005841142	2.82715E-06
ENSG00000185164	NOMO2	0.076417391	0.005839618	2.83562E-06
ENSG00000260589	STAM-AS1	0.076405115	0.005837742	2.84608E-06
ENSG00000137221	TJAP1	0.076389683	0.005835384	2.85928E-06
ENSG00000136504	KAT7	0.076367388	0.005831978	2.87845E-06
ENSG00000231999	LRRC8C-DT	0.076355026	0.00583009	1.76823E-05

ENSG00000163666	HESX1	0.076339392	0.005827703	2.9027E-06
ENSG00000231466	AL022324.2	0.076290381	0.005820222	2.94562E-06
ENSG00000259901	N.A.	0.076278862	0.005818465	2.9558E-06
ENSG00000175467	SART1	0.076244325	0.005813197	2.98651E-06
ENSG00000176390	CRLF3	0.076209979	0.005807961	3.01736E-06
ENSG00000006114	N.A.	0.07620394	0.00580704	3.02281E-06
ENSG00000203667	COX20	0.076178584	0.005803177	3.04582E-06
ENSG00000155545	MIER3	0.076164303	0.005801001	3.05886E-06
ENSG00000142945	KIF2C	0.076123875	0.005794844	3.09604E-06
ENSG00000234776	C11orf94	0.076120161	0.005794279	1.89154E-05
ENSG00000189180	ZNF33A	0.076090181	0.005789716	3.12736E-06
ENSG00000134371	CDC73	0.076086824	0.005789205	3.1305E-06
ENSG00000120458	MSANTD2	0.076069288	0.005786537	3.14694E-06
ENSG00000113083	LOX	0.076063973	0.005785728	3.15193E-06
ENSG00000184730	APOBR	0.07603924	0.005781966	3.17529E-06

ENSG00000174109	C16orf91	0.075980651	0.005773059	3.23129E-06
ENSG00000142409	ZNF787	0.075940425	0.005766948	3.27029E-06
ENSG00000079616	KIF22	0.075930491	0.005765439	3.27999E-06
ENSG00000114378	HYAL1	0.075926626	0.005764853	3.28377E-06
ENSG00000255776	VDAC2P2	0.075920242	0.005763883	3.29002E-06
ENSG00000165521	EML5	0.075889803	0.005759262	3.32E-06
ENSG00000083093	PALB2	0.075876641	0.005757265	3.33305E-06
ENSG00000128513	POT1	0.075867487	0.005755876	3.34215E-06
ENSG00000160767	FAM189B	0.075842311	0.005752056	3.3673E-06
ENSG00000260425	AL031709.1	0.075839765	0.00575167	3.36985E-06
ENSG00000168924	LETM1	0.075838433	0.005751468	3.37119E-06
ENSG00000239282	CASTOR1	0.075787517	0.005743748	3.42267E-06
ENSG00000249129	SUDS3P1	0.075778384	0.005742363	3.43199E-06
ENSG00000149016	TUT1	0.07577633	0.005742052	3.43409E-06
ENSG00000177576	C18orf32	0.075723658	0.005734072	3.48831E-06

ENSG00000171174	RBKS	0.075696101	0.0057299	3.517E-06
ENSG00000166526	ZNF3	0.075678768	0.005727276	3.53517E-06
ENSG00000164292	RHOBTB3	0.07559903	0.005715213	3.61989E-06
ENSG00000177889	UBE2N	0.075540426	0.005706356	3.6834E-06
ENSG00000225422	RBMS1P1	0.075495936	0.005699636	3.73233E-06
ENSG00000103274	NUBP1	0.075483701	0.005697789	3.74589E-06
ENSG00000213928	IRF9	0.075462942	0.005694656	3.76901E-06
ENSG00000168612	ZSWIM1	0.075439747	0.005691155	3.79501E-06
ENSG00000100614	PPM1A	0.075411119	0.005686837	3.82733E-06
ENSG00000227507	LTB	0.07539955	0.005685092	3.84046E-06
ENSG00000141642	ELAC1	0.075382778	0.005682563	3.85959E-06
ENSG00000185304	RGPD2	0.07537023	0.005680672	3.87395E-06
ENSG00000184719	RNLS	0.075367577	0.005680272	3.87699E-06
ENSG00000144369	FAM171B	0.075352031	0.005677929	3.89488E-06
ENSG00000200170	Y_RNA	0.075341736	0.005676377	3.90676E-06

ENSG00000267959	MIR3188	0.075335259	0.005675401	3.91426E-06
ENSG00000180644	PRF1	0.075331905	0.005674896	3.91814E-06
ENSG00000114902	SPCS1	0.07532693	0.005674146	3.92391E-06
ENSG00000144840	RABL3	0.075275972	0.005666472	3.98351E-06
ENSG00000113013	HSPA9	0.075273425	0.005666089	3.98651E-06
ENSG00000231125	AF129075.1	0.075246493	0.005662035	4.01838E-06
ENSG00000112146	FBXO9	0.075231228	0.005659738	4.03655E-06
ENSG00000266934	AC005746.1	0.075192858	0.005653966	4.08257E-06
ENSG00000232818	RPS2P32	0.075145137	0.005646792	4.14051E-06
ENSG00000165264	NDUFB6	0.075102682	0.005640413	4.19271E-06
ENSG00000059378	PARP12	0.075063774	0.00563457	4.24111E-06
ENSG00000266777	SH3GL1P1	0.075062078	0.005634316	4.24323E-06
ENSG00000171611	PTCRA	0.075052564	0.005632887	4.25516E-06
ENSG00000137965	IFI44	0.075050822	0.005632626	4.25734E-06
ENSG00000123136	DDX39A	0.075030309	0.005629547	4.28317E-06

ENSG00000129968	ABHD17A	0.07502404	0.005628607	4.29109E-06
ENSG00000162928	PEX13	0.075016005	0.005627401	4.30127E-06
ENSG00000228109	MELTF-AS1	0.074993202	0.00562398	4.33027E-06
ENSG00000132773	TOE1	0.074958266	0.005618742	4.37506E-06
ENSG00000118707	TGIF2	0.074924177	0.005613632	4.4192E-06
ENSG00000167900	TK1	0.074922408	0.005613367	4.4215E-06
ENSG00000199332	Y_RNA	0.074895421	0.005609324	4.45677E-06
ENSG00000225921	NOL7	0.074883457	0.005607532	4.47249E-06
ENSG00000050628	PTGER3	0.074882041	0.00560732	4.47435E-06
ENSG00000145757	SPATA9	0.074878636	0.00560681	4.47883E-06
ENSG00000152377	SPOCK1	0.074875878	0.005606397	4.48247E-06
ENSG00000101096	NFATC2	0.074870421	0.00560558	4.48967E-06
ENSG00000173041	ZNF680	0.074861347	0.005604221	4.50167E-06
ENSG00000112039	FANCE	0.074856806	0.005603541	4.50769E-06
ENSG00000227189	AC092535.2	0.074776168	0.005591475	4.61584E-06

ENSG00000238975	N.A.	0.074740171	0.005586093	4.66491E-06
ENSG00000174106	LEMD3	0.074731225	0.005584756	4.67719E-06
ENSG00000129460	NGDN	0.074683504	0.005577626	4.74318E-06
ENSG00000105229	PIAS4	0.074660708	0.005574221	4.77502E-06
ENSG00000166797	CIAO2A	0.074627539	0.00556927	4.82171E-06
ENSG00000179041	RRS1	0.074623287	0.005568635	4.82773E-06
ENSG00000211796	TRAV16	0.074616915	0.005567684	4.83676E-06
ENSG00000266980	AC087289.1	0.074581102	0.005562341	4.88782E-06
ENSG00000008324	SS18L2	0.074551475	0.005557922	4.93045E-06
ENSG00000120334	CENPL	0.074548525	0.005557483	4.93471E-06
ENSG00000134830	C5AR2	0.074495956	0.005549648	5.01129E-06
ENSG00000015520	NPC1L1	0.074490081	0.005548772	5.01992E-06
ENSG00000258760	AL355076.2	0.074437088	0.00554088	5.09839E-06
ENSG00000135473	PAN2	0.074400247	0.005535397	5.15364E-06
ENSG00000177971	IMP3	0.074380655	0.005532482	5.18325E-06

ENSG00000139269	INHBE	0.074374368	0.005531547	5.19279E-06
ENSG00000138686	BBS7	0.074370781	0.005531013	5.19824E-06
ENSG00000261254	N.A.	0.07434603	0.005527332	5.23599E-06
ENSG00000119760	SUPT7L	0.074343179	0.005526908	5.24035E-06
ENSG00000152422	XRCC4	0.074318318	0.005523212	5.27856E-06
ENSG00000168246	UBTD2	0.074312318	0.005522321	5.28782E-06
ENSG00000183484	GPR132	0.074305669	0.005521332	5.2981E-06
ENSG00000198838	RYR3	0.074285168	0.005518286	5.32992E-06
ENSG00000177842	ZNF620	0.07428007	0.005517529	5.33787E-06
ENSG00000114423	CBLB	0.074276262	0.005516963	5.34381E-06
ENSG00000258904	AL157871.5	0.074273797	0.005516597	5.34765E-06
ENSG00000125971	DYNLRB1	0.074226583	0.005509586	5.42187E-06
ENSG00000154059	IMPACT	0.074217643	0.005508259	5.43604E-06
ENSG00000258384	RCCD1-AS1	0.074185766	0.005503528	5.48683E-06
ENSG00000132274	TRIM22	0.074150166	0.005498247	5.54409E-06

ENSG00000267649	AC010327.5	0.074115981	0.005493179	5.59962E-06
ENSG00000131652	THOC6	0.074069231	0.005486251	5.67641E-06
ENSG00000138802	SEC24B	0.074015224	0.005478253	5.76638E-06
ENSG00000012232	EXTL3	0.073997512	0.005475632	5.79618E-06
ENSG00000229122	AGBL5-IT1	0.073981736	0.005473297	5.82285E-06
ENSG00000109466	KLHL2	0.073967132	0.005471137	5.84764E-06
ENSG00000006837	CDKL3	0.073932235	0.005465975	5.90729E-06
ENSG00000101040	ZMYND8	0.073929858	0.005465624	5.91138E-06
ENSG00000118246	FASTKD2	0.07391941	0.005464079	5.92936E-06
ENSG00000152952	PLOD2	0.073911477	0.005462906	5.94305E-06
ENSG00000116580	GON4L	0.073870372	0.005456832	6.01447E-06
ENSG00000126062	TMEM115	0.073863898	0.005455875	6.02579E-06
ENSG00000184007	PTP4A2	0.073841715	0.005452599	6.06475E-06
ENSG00000243056	EIF4EBP3	0.073821443	0.005449605	6.10055E-06
ENSG00000237437	ASS1P12	0.07378638	0.00544443	6.16297E-06

ENSG00000233968	AL157895.1	0.07378425	0.005444116	6.16678E-06
ENSG00000267957	N.A.	0.073780136	0.005443508	6.17415E-06
ENSG00000144048	DUSP11	0.073768516	0.005441794	6.195E-06
ENSG00000226352	PSPC1-AS2	0.07376605	0.00544143	6.19943E-06
ENSG00000211791	TRAV13-2	0.073758772	0.005440356	6.21254E-06
ENSG00000185267	CDNF	0.073752427	0.00543942	6.22399E-06
ENSG00000224470	ATXN1L	0.073750833	0.005439185	6.22687E-06
ENSG00000260252	AC009087.1	0.073710505	0.005433239	6.30012E-06
ENSG00000219222	RPL12P47	0.073699765	0.005431655	6.31977E-06
ENSG00000265681	RPL17	0.073682996	0.005429184	6.35057E-06
ENSG00000121406	ZNF549	0.073680702	0.005428846	6.35479E-06
ENSG00000243701	DUBR	0.073641796	0.005423114	6.42684E-06
ENSG00000171970	ZNF57	0.073632789	0.005421788	6.44363E-06
ENSG00000138080	EMILIN1	0.07360878	0.005418252	6.4886E-06
ENSG00000165355	FBXO33	0.073594162	0.005416101	6.51612E-06

ENSG00000250751	AC015795.1	0.073584624	0.005414697	6.53414E-06
ENSG00000269774	N.A.	0.073581718	0.005414269	6.53964E-06
ENSG00000150045	KLRF1	0.073566451	0.005412023	6.5686E-06
ENSG00000259116	AL049869.2	0.073486509	0.005400267	6.72228E-06
ENSG00000197653	DNAH10	0.073477913	0.005399004	6.739E-06
ENSG00000230071	RPL4P6	0.07346476	0.005397071	6.76468E-06
ENSG00000269403	AC008750.7	0.073447511	0.005394537	6.79848E-06
ENSG00000070366	SMG6	0.073406396	0.005388499	6.87973E-06
ENSG00000231105	ECE1-AS1	0.07340108	0.005387719	6.8903E-06
ENSG00000243660	ZNF487	0.073382968	0.00538506	6.92643E-06
ENSG00000253731	PCDHGA6	0.073377337	0.005384234	6.9377E-06
ENSG00000164985	PSIP1	0.073321717	0.005376074	7.04998E-06
ENSG00000112773	TENT5A	0.073316619	0.005375327	7.06036E-06
ENSG00000255478	AP000944.1	0.073291306	0.005371615	7.1121E-06
ENSG00000188859	FAM78B	0.073275681	0.005369325	4.20872E-05

ENSG00000151623	NR3C2	0.073254578	0.005366233	7.18782E-06
ENSG00000239779	WBP1	0.073212192	0.005360025	4.28302E-05
ENSG00000199804	RNA5SP383	0.073176861	0.005354853	7.3506E-06
ENSG00000136367	ZFHX2	0.07316164	0.005352626	4.34307E-05
ENSG00000136997	MYC	0.073157461	0.005352014	7.39178E-06
ENSG00000188649	CC2D2B	0.073154098	0.005351522	7.39894E-06
ENSG00000254909	AP003392.2	0.073153514	0.005351437	7.40019E-06
ENSG00000128228	SDF2L1	0.073130592	0.005348083	7.44918E-06
ENSG00000122705	CLTA	0.073112467	0.005345433	7.48814E-06
ENSG00000204482	LST1	0.073107299	0.005344677	4.40851E-05
ENSG00000228063	LYPLAL1-DT	0.073082288	0.005341021	7.55344E-06
ENSG00000267395	DM1-AS	0.073066781	0.005338754	7.58721E-06
ENSG00000126653	NSRP1	0.073052398	0.005336653	7.61865E-06
ENSG00000260034	LCMT1-AS2	0.073032975	0.005333815	7.66132E-06
ENSG00000179262	RAD23A	0.073004715	0.005329688	7.7238E-06

ENSG00000198855	FICD	0.073003314	0.005329484	7.72691E-06
ENSG00000260316	AL008727.1	0.072992366	0.005327885	7.75126E-06
ENSG00000266462	N.A.	0.072954926	0.005322421	7.83507E-06
ENSG00000176401	EID2B	0.072937237	0.005319841	7.87497E-06
ENSG00000243517	AC024940.2	0.072929472	0.005318708	7.89255E-06
ENSG00000131732	ZCCHC9	0.072921312	0.005317518	7.91106E-06
ENSG00000172893	DHCR7	0.072907577	0.005315515	7.94231E-06
ENSG00000169564	PCBP1	0.072863241	0.005309052	8.044E-06
ENSG00000136925	TSTD2	0.07285259	0.0053075	8.06861E-06
ENSG00000100226	GTPBP1	0.072844147	0.00530627	8.08817E-06
ENSG00000255325	AC108136.1	0.072843678	0.005306201	8.08926E-06
ENSG00000109674	NEIL3	0.072824596	0.005303422	8.13364E-06
ENSG00000132465	JCHAIN	0.072783117	0.005297382	8.23092E-06
ENSG00000160224	AIRE	0.072777203	0.005296521	8.24489E-06
ENSG00000232710	AC254562.2	0.072772627	0.005295855	8.2557E-06

ENSG00000200737	Y_RNA	0.072720219	0.00528823	8.38056E-06
ENSG00000253106	AC090198.1	0.072701589	0.005285521	8.42539E-06
ENSG00000198824	CHAMP1	0.072672953	0.005281358	8.49472E-06
ENSG00000130037	KCNA5	0.072672345	0.00528127	8.4962E-06
ENSG00000163661	PTX3	0.072658495	0.005279257	8.52994E-06
ENSG00000116731	PRDM2	0.072654686	0.005278703	8.53924E-06
ENSG00000154305	MIA3	0.072634043	0.005275704	8.58981E-06
ENSG00000196123	KIAA0895L	0.072631188	0.005275289	8.59683E-06
ENSG00000065427	KARS1	0.072616692	0.005273184	8.63254E-06
ENSG00000254263	AC022973.4	0.072605379	0.005271541	8.66051E-06
ENSG00000150527	MIA2	0.072598835	0.005270591	8.67673E-06
ENSG00000245571	FAM111A-DT	0.072564511	0.005265608	8.76228E-06
ENSG00000215277	RNF212B	0.072556385	0.005264429	8.78265E-06
ENSG00000237993	AL365318.1	0.072533361	0.005261088	8.84061E-06
ENSG00000246366	LACTB2-AS1	0.072523833	0.005259706	8.8647E-06

ENSG00000151414	NEK7	0.072517635	0.005258807	8.8804E-06
ENSG00000081923	ATP8B1	0.072500092	0.005256263	8.925E-06
ENSG00000176058	TPRN	0.072491496	0.005255017	8.94693E-06
ENSG00000246430	LINC00968	0.072471949	0.005252183	8.997E-06
ENSG00000151693	ASAP2	0.072448748	0.005248821	9.05676E-06
ENSG00000259118	AL139022.1	0.072435403	0.005246888	9.09132E-06
ENSG00000145494	NDUFS6	0.072423566	0.005245173	9.12207E-06
ENSG00000182326	C1S	0.072408372	0.005242972	9.16168E-06
ENSG00000168256	NKIRAS2	0.072394073	0.005240902	9.19912E-06
ENSG00000156026	MCU	0.072362004	0.00523626	9.28361E-06
ENSG00000119048	UBE2B	0.072352914	0.005234944	9.30769E-06
ENSG00000172361	CFAP53	0.072339162	0.005232954	9.34423E-06
ENSG00000220161	LINC02076	0.072253143	0.005220517	9.57597E-06
ENSG00000249856	AC116337.3	0.072234634	0.005217842	9.62654E-06
ENSG00000224650	IGHV3-74	0.072214897	0.005214991	9.68075E-06

ENSG00000145649	GZMA	0.072205335	0.00521361	9.70712E-06
ENSG00000211794	TRAV12-3	0.072204517	0.005213492	9.70938E-06
ENSG00000114395	CYB561D2	0.072184545	0.005210609	9.76469E-06
ENSG00000138081	FBXO11	0.072102166	0.005198722	9.99602E-06
ENSG00000126259	KIRREL2	0.071962231	0.005178563	1.0401E-05
ENSG00000188211	NCR3LG1	0.071956835	0.005177786	1.04169E-05
ENSG00000250474	WBP1LP2	0.071896202	0.005169064	1.05975E-05
ENSG00000211961	IGHV1-45	0.071872068	0.005165594	1.06702E-05
ENSG00000115839	RAB3GAP1	0.071866853	0.005164845	1.0686E-05
ENSG00000104824	HNRNPL	0.0718276	0.005159204	1.08054E-05
ENSG00000178338	ZNF354B	0.071826779	0.005159086	1.08079E-05
ENSG00000198554	WDHD1	0.071808487	0.005156459	1.0864E-05
ENSG00000180061	TMEM150B	0.071798848	0.005155075	1.08937E-05
ENSG00000269802	AC011491.3	0.071795774	0.005154633	1.09032E-05
ENSG00000104375	STK3	0.071786256	0.005153267	1.09326E-05

ENSG00000163624	CDS1	0.071719199	0.005143643	1.11419E-05
ENSG00000186272	ZNF17	0.071705256	0.005141644	1.11859E-05
ENSG00000188092	GPR89B	0.071659187	0.005135039	1.13324E-05
ENSG00000159335	PTMS	0.071634827	0.005131548	1.14107E-05
ENSG00000256897	AC018410.1	0.071626741	0.00513039	1.14367E-05
ENSG00000107566	ERLIN1	0.071606161	0.005127442	6.63415E-05
ENSG00000235052	AL021154.1	0.071589505	0.005125057	1.15576E-05
ENSG00000206838	SNORA5A	0.07155818	0.005120573	1.16602E-05
ENSG00000256139	AC007637.1	0.071517567	0.005114762	1.17945E-05
ENSG00000167635	ZNF146	0.071498243	0.005111999	1.18589E-05
ENSG00000111726	CMAS	0.071448373	0.00510487	1.20267E-05
ENSG00000261377	PDCD6IPP2	0.071441283	0.005103857	1.20508E-05
ENSG00000180938	ZNF572	0.071433633	0.005102764	1.20768E-05
ENSG00000133119	RFC3	0.071373918	0.005094236	1.22815E-05
ENSG00000167046	AL357033.1	0.071361843	0.005092513	1.23233E-05

ENSG00000196391	ZNF774	0.071322809	0.005086943	1.24594E-05
ENSG00000121579	NAA50	0.071269952	0.005079406	1.26459E-05
ENSG00000176095	IP6K1	0.071255758	0.005077383	1.26965E-05
ENSG00000175087	PDIK1L	0.071225213	0.005073031	1.28059E-05
ENSG00000067113	PLPP1	0.071220005	0.005072289	1.28246E-05
ENSG00000236066	N.A.	0.07121176	0.005071115	1.28543E-05
ENSG00000188167	TMPPE	0.071211266	0.005071044	1.28561E-05
ENSG00000113522	RAD50	0.071188921	0.005067863	7.42094E-05
ENSG00000166326	TRIM44	0.071185372	0.005067357	1.29499E-05
ENSG00000205089	CCNI2	0.071181915	0.005066865	1.29625E-05
ENSG00000115286	NDUFS7	0.071168871	0.005065008	1.30101E-05
ENSG00000103197	TSC2	0.071133066	0.005059913	1.31414E-05
ENSG00000163357	DCST1	0.07111351	0.005057131	1.32137E-05
ENSG00000187510	PLEKHG7	0.071108099	0.005056362	1.32338E-05
ENSG00000198176	TFDP1	0.07103974	0.005046645	1.34898E-05

ENSG00000255899	AL662844.2	0.071039168	0.005046563	1.3492E-05
ENSG00000107874	CUEDC2	0.071027605	0.005044921	1.35358E-05
ENSG00000242114	MTFP1	0.071022933	0.005044257	1.35535E-05
ENSG00000104154	SLC30A4	0.071019414	0.005043757	1.35669E-05
ENSG00000061918	GUCY1B1	0.071006587	0.005041935	1.36157E-05
ENSG00000177169	ULK1	0.071003437	0.005041488	1.36277E-05
ENSG00000196116	TDRD7	0.070977261	0.005037772	1.3728E-05
ENSG00000224114	AL591846.1	0.070934363	0.005031684	1.38938E-05
ENSG00000214797	AP002358.1	0.070907607	0.005027889	1.39982E-05
ENSG00000131584	ACAP3	0.07088603	0.005024829	1.40829E-05
ENSG00000256973	AC053513.2	0.070881238	0.00502415	1.41018E-05
ENSG00000213339	QTRT1	0.070876585	0.00502349	1.41201E-05
ENSG00000229656	ITGB1-DT	0.070864739	0.005021811	1.4167E-05
ENSG00000163904	SENP2	0.07085165	0.005019956	1.42189E-05
ENSG00000168913	ENHO	0.070785001	0.005010516	1.44862E-05

ENSG00000162971	TYW5	0.07076664	0.005007917	1.45606E-05
ENSG00000203814	H2BC18	0.070760592	0.005007061	1.45852E-05
ENSG00000100983	GSS	0.070758468	0.005006761	1.45939E-05
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ENSG00000259599	N.A.	0.070738464	0.00500393	1.46756E-05
ENSG00000174083	N.A.	0.070735382	0.005003494	1.46882E-05
ENSG00000268670	AC016586.1	0.070679328	0.004995567	1.49197E-05
ENSG00000240731	AL139287.1	0.070645686	0.004990813	1.50603E-05
ENSG00000263787	SKAP1-AS1	0.070595404	0.004983711	1.52729E-05
ENSG00000196428	TSC22D2	0.070588024	0.004982669	1.53043E-05
ENSG00000007923	DNAJC11	0.070582522	0.004981892	1.53278E-05
ENSG00000224195	AC022400.1	0.070475518	0.004966799	1.57911E-05
ENSG00000157353	FCSK	0.07041956	0.004958914	1.60387E-05
ENSG00000125538	IL1B	0.070418999	0.004958835	1.60412E-05
ENSG00000168175	MAPK1IP1L	0.070369657	0.004951889	1.62627E-05

ENSG0000048462	TNFRSF17	0.070297014	0.00494167	1.6594E-05
ENSG00000132612	VPS4A	0.070252337	0.004935391	1.68009E-05
ENSG00000265778	AC018413.1	0.070222546	0.004931206	1.69403E-05
ENSG00000177932	ZNF354C	0.070210276	0.004929483	1.6998E-05
ENSG00000165525	NEMF	0.070208305	0.004929206	1.70073E-05
ENSG00000133935	ERG28	0.070199826	0.004928016	1.70473E-05
ENSG00000234185	AC068533.3	0.070193359	0.004927108	1.70779E-05
ENSG00000037241	RPL26L1	0.070115765	0.004916221	1.74489E-05
ENSG00000119402	FBXW2	0.070094237	0.004913202	1.75531E-05
ENSG00000183495	EP400	0.070092668	0.004912982	1.75608E-05
ENSG00000102738	MRPS31	0.070080383	0.00491126	1.76206E-05
ENSG00000242814	AC113398.1	0.070071199	0.004909973	1.76654E-05
ENSG00000204444	APOM	0.070049174	0.004906887	1.77734E-05
ENSG00000148985	PGAP2	0.070043296	0.004906063	1.78023E-05
ENSG00000256591	AP003108.2	0.070010927	0.00490153	0.000101468

ENSG00000267355	RPL9P29	0.070000308	0.004900043	1.80151E-05
ENSG00000135940	COX5B	0.069946069	0.004892453	1.82871E-05
ENSG00000175773	ZBTB44-DT	0.069935513	0.004890976	1.83405E-05
ENSG00000168374	ARF4	0.069919622	0.004888754	0.000103936
ENSG00000221843	C2orf16	0.069917964	0.004888522	1.84296E-05
ENSG00000234338	AC073349.2	0.069907048	0.004886995	1.84853E-05
ENSG00000177728	TMEM94	0.069889434	0.004884533	1.85754E-05
ENSG00000187792	ZNF70	0.069865904	0.004881245	1.86964E-05
ENSG00000170515	PA2G4	0.069847095	0.004878617	1.87936E-05
ENSG00000188010	MORN2	0.069840798	0.004877737	1.88263E-05
ENSG00000126787	DLGAP5	0.069816569	0.004874353	1.89525E-05
ENSG00000239528	RPS14P8	0.069813975	0.004873991	1.89661E-05
ENSG00000137434	C6orf52	0.069759686	0.004866414	1.9252E-05
ENSG00000231851	MRPS9-AS1	0.069727988	0.004861992	1.94209E-05
ENSG00000152518	ZFP36L2	0.069725838	0.004861692	1.94324E-05

ENSG00000139597	N4BP2L1	0.069723035	0.004861302	1.94474E-05
ENSG00000109534	GAR1	0.06970826	0.004859241	1.95267E-05
ENSG00000263847	AP005899.1	0.069689798	0.004856668	1.96262E-05
ENSG00000265150	N.A.	0.069688392	0.004856472	1.96338E-05
ENSG00000116819	TFAP2E	0.069671456	0.004854112	0.000110932
ENSG00000172927	MYEOV	0.069639408	0.004849647	1.99002E-05
ENSG00000163939	PBRM1	0.06953405	0.004834984	2.0485E-05
ENSG00000228079	AC012368.2	0.069531398	0.004834615	2.04999E-05
ENSG00000160752	FDPS	0.069519303	0.004832933	2.05682E-05
ENSG00000123200	ZC3H13	0.069438242	0.004821669	2.1031E-05
ENSG00000197301	HMGA2-AS1	0.069406898	0.004817317	2.12126E-05
ENSG00000206066	IGLL3P	0.069403142	0.004816796	2.12344E-05
ENSG00000198876	DCAF12	0.069402702	0.004816735	2.1237E-05
ENSG00000178691	SUZ12	0.069383383	0.004814054	2.13498E-05
ENSG00000164054	SHISA5	0.069381635	0.004813811	2.136E-05

ENSG00000178217	SH2D4B	0.069366996	0.00481178	2.14459E-05
ENSG00000124391	IL17C	0.069335975	0.004807477	2.1629E-05
ENSG00000212304	SNORD12	0.069312043	0.004804159	2.17713E-05
ENSG00000149428	HYOU1	0.069294512	0.004801729	2.18761E-05
ENSG00000130684	ZNF337	0.069272128	0.004798628	2.20105E-05
ENSG00000120158	RCL1	0.069201282	0.004788817	2.24414E-05
ENSG00000182973	CNOT10	0.069190414	0.004787313	2.25082E-05
ENSG00000232311	N.A.	0.06917359	0.004784986	2.2612E-05
ENSG00000090104	RGS1	0.069157846	0.004782808	2.27095E-05
ENSG00000119042	SATB2	0.069132441	0.004779294	2.28677E-05
ENSG00000115020	PIKFYVE	0.069125862	0.004778385	2.29089E-05
ENSG00000257511	AC084824.1	0.069108912	0.004776042	2.30152E-05
ENSG00000265205	AC010761.3	0.069105942	0.004775631	2.30339E-05
ENSG00000114861	FOXP1	0.069102471	0.004775152	2.30557E-05
ENSG00000214982	N.A.	0.069087919	0.004773141	2.31475E-05

ENSG00000261229	AC021483.2	0.069086367	0.004772926	2.31573E-05
ENSG00000108510	MED13	0.069057717	0.004768968	2.33392E-05
ENSG00000228974	AC006483.1	0.069054365	0.004768505	2.33606E-05
ENSG00000265996	MIR3671	0.068969587	0.004756804	2.39072E-05
ENSG00000239948	RN7SL368P	0.068897726	0.004746897	2.438E-05
ENSG00000165516	KLHDC2	0.068891973	0.004746104	2.44182E-05
ENSG00000145375	SPATA5	0.068883916	0.004744994	2.44718E-05
ENSG00000135537	AFG1L	0.068869862	0.004743058	2.45657E-05
ENSG00000134294	SLC38A2	0.068850031	0.004740327	2.46987E-05
ENSG00000119866	BCL11A	0.068773494	0.004729794	2.52184E-05
ENSG00000240710	AL512306.3	0.068758446	0.004727724	2.53218E-05
ENSG00000253120	IGLV2-34	0.068718922	0.00472229	2.55953E-05
ENSG00000151923	TIAL1	0.068678587	0.004716748	2.58773E-05
ENSG00000172239	PAIP1	0.06866972	0.004715531	2.59397E-05
ENSG00000166598	HSP90B1	0.068657265	0.00471382	2.60276E-05

ENSG00000169860	P2RY1	0.068592612	0.004704946	2.64883E-05
ENSG00000181789	COPG1	0.068584725	0.004703864	2.65451E-05
ENSG00000144468	RHBDD1	0.068568906	0.004701695	0.000147752
ENSG00000169752	NRG4	0.06855576	0.004699892	2.67544E-05
ENSG00000202522	Y_RNA	0.068544304	0.004698322	2.68376E-05
ENSG00000267710	EDDM13	0.068543024	0.004698146	2.68469E-05
ENSG00000183963	SMTN	0.068542793	0.004698114	2.68486E-05
ENSG00000205189	ZBTB10	0.068496221	0.004691732	2.71897E-05
ENSG00000133019	CHRM3	0.068488341	0.004690653	2.72478E-05
ENSG00000249646	OR7E94P	0.068464288	0.004687359	2.74259E-05
ENSG00000175604	AC007601.1	0.068457907	0.004686485	2.74733E-05
ENSG00000109775	UFSP2	0.068439159	0.004683919	0.000152775
ENSG00000139116	KIF21A	0.068368877	0.004674303	2.81433E-05
ENSG00000169242	EFNA1	0.068333296	0.004669439	2.84154E-05
ENSG00000228663	PSMD10P1	0.068277745	0.00466185	2.88452E-05

ENSG00000231086	TSSK1A	0.068252524	0.004658407	2.90424E-05
ENSG00000112081	SRSF3	0.068249416	0.004657983	2.90667E-05
ENSG00000132549	VPS13B	0.068247926	0.004657779	2.90784E-05
ENSG00000143337	TOR1AIP1	0.068222813	0.004654352	2.92763E-05
ENSG00000053438	NNAT	0.068184606	0.00464914	2.95797E-05
ENSG00000128590	DNAJB9	0.068147434	0.004644073	2.98778E-05
ENSG00000143324	XPR1	0.068033565	0.004628566	3.08087E-05
ENSG00000146414	SHPRH	0.068021732	0.004626956	3.0907E-05
ENSG00000034533	ASTE1	0.067940387	0.004615896	3.1591E-05
ENSG00000167513	CDT1	0.067913714	0.004612273	3.18183E-05
ENSG00000111775	COX6A1	0.067904272	0.00461099	3.18992E-05
ENSG00000105711	SCN1B	0.067883666	0.004608192	3.20763E-05
ENSG00000064763	FAR2	0.067822035	0.004599828	3.26117E-05
ENSG00000179840	PIK3CD-AS1	0.067774064	0.004593324	3.30343E-05
ENSG00000259326	AC116158.1	0.067773546	0.004593254	3.30389E-05

ENSG00000172053	QARS1	0.067753106	0.004590483	3.32206E-05
ENSG00000261521	N.A.	0.067707152	0.004584258	3.36325E-05
ENSG00000236200	KDM4A-AS1	0.06769464	0.004582564	3.37455E-05
ENSG00000178814	OPLAH	0.067692769	0.004582311	0.000184935
ENSG00000241975	ELOCP19	0.067655489	0.004577265	3.41014E-05
ENSG00000109684	CLNK	0.067621715	0.004572696	3.44112E-05
ENSG00000115875	SRSF7	0.067605192	0.004570462	3.45638E-05
ENSG00000139233	LLPH	0.067573739	0.00456621	3.4856E-05
ENSG00000115053	NCL	0.067549425	0.004562925	3.50835E-05
ENSG00000253005	RNU6-176P	0.067532796	0.004560679	3.52398E-05
ENSG00000109680	TBC1D19	0.067514458	0.004558202	3.54131E-05
ENSG00000165804	ZNF219	0.067459103	0.004550731	3.59409E-05
ENSG00000103355	PRSS33	0.067405295	0.004543474	3.64611E-05
ENSG00000269984	AC078795.1	0.067403603	0.004543246	3.64776E-05
ENSG00000140750	ARHGAP17	0.067398646	0.004542578	3.65259E-05

ENSG0000029153	ARNTL2	0.067381679	0.004540291	3.66917E-05
ENSG00000139697	SBNO1	0.067341974	0.004534942	3.70825E-05
ENSG00000116809	ZBTB17	0.067310326	0.00453068	3.73968E-05
ENSG00000124701	APOBEC2	0.067304079	0.004529839	3.74591E-05
ENSG00000141933	TPGS1	0.067279829	0.004526575	3.7702E-05
ENSG00000150456	EEF1AKMT1	0.067265534	0.004524652	3.78459E-05
ENSG00000200879	SNORD14E	0.067259345	0.004523819	3.79084E-05
ENSG00000230872	MFSD13B	0.067248518	0.004522363	3.80179E-05
ENSG00000198242	RPL23A	0.067227874	0.004519587	3.82275E-05
ENSG00000169727	GPS1	0.067149781	0.004509093	0.000212228
ENSG00000110422	HIPK3	0.067145935	0.004508577	3.90705E-05
ENSG00000091181	IL5RA	0.067127439	0.004506093	3.92632E-05
ENSG00000196363	WDR5	0.067102044	0.004502684	3.95292E-05
ENSG00000140525	FANCI	0.067062902	0.004497433	3.99426E-05
ENSG00000175768	TOMM5	0.067058546	0.004496849	3.99889E-05

ENSG00000160221	GATD3A	0.067044204	0.004494925	4.01415E-05
ENSG00000164610	RP9	0.067032677	0.00449338	4.02646E-05
ENSG00000238228	OR7E7P	0.066979875	0.004486304	4.08331E-05
ENSG00000186834	HEXIM1	0.066830133	0.004466267	4.24871E-05
ENSG00000165757	JCAD	0.066800035	0.004462245	4.28271E-05
ENSG00000142039	CCDC97	0.066721449	0.004451752	4.37271E-05
ENSG00000035499	DEPDC1B	0.066697767	0.004448592	4.40018E-05
ENSG00000114388	NPRL2	0.066697436	0.004448548	4.40056E-05
ENSG00000137628	DDX60	0.06669607	0.004448366	4.40215E-05
ENSG00000196659	TTC30B	0.066671044	0.004445028	4.43137E-05
ENSG00000119013	NDUFB3	0.066609007	0.00443676	4.5046E-05
ENSG00000223380	N.A.	0.066566932	0.004431156	4.55492E-05
ENSG00000143443	C1orf56	0.066544735	0.004428202	4.58168E-05
ENSG00000163701	IL17RE	0.06651237	0.004423895	0.000249092
ENSG00000179111	HES7	0.066500358	0.004422298	4.63562E-05

ENSG00000251143	AP002490.1	0.066489889	0.004420905	4.64844E-05
ENSG00000179935	LINC00652	0.066436483	0.004413806	4.71433E-05
ENSG00000104356	POP1	0.066432013	0.004413212	4.71988E-05
ENSG00000260496	AC009041.1	0.066419318	0.004411526	4.7357E-05
ENSG00000204323	SMIM5	0.066418677	0.004411441	4.73649E-05
ENSG00000213693	SEC14L1P1	0.06641033	0.004410332	4.74692E-05
ENSG00000159079	CFAP298	0.066305347	0.004396399	4.8799E-05
ENSG00000215417	MIR17HG	0.066277065	0.004392649	4.91632E-05
ENSG00000139168	ZCRB1	0.066254094	0.004389605	4.9461E-05
ENSG00000147854	UHRF2	0.066191917	0.00438137	5.02755E-05
ENSG00000173599	PC	0.066169243	0.004378369	5.05756E-05
ENSG00000154262	ABCA6	0.06614774	0.004375524	5.08618E-05
ENSG00000221988	PPT2	0.066127586	0.004372858	5.11315E-05
ENSG00000141644	MBD1	0.066121409	0.004372041	5.12144E-05
ENSG00000164037	SLC9B1	0.066095886	0.004368666	5.15584E-05

ENSG00000130724	CHMP2A	0.066088096	0.004367636	5.16639E-05
ENSG00000096060	FKBP5	0.066055121	0.004363279	5.21124E-05
ENSG00000180535	BHLHA15	0.066006519	0.004356861	5.27802E-05
ENSG00000105819	PMPCB	0.0660057	0.004356752	5.27915E-05
ENSG00000241127	YAE1	0.065966889	0.00435163	5.33307E-05
ENSG00000267293	AC012569.1	0.065954082	0.004349941	5.35098E-05
ENSG00000255103	N.A.	0.065884842	0.004340812	5.44878E-05
ENSG00000229200	N.A.	0.065871866	0.004339103	5.46729E-05
ENSG00000250381	UNC93B4	0.065849951	0.004336216	5.4987E-05
ENSG00000120705	ETF1	0.065832165	0.004333874	5.52432E-05
ENSG00000231445	TIMM8AP1	0.065829678	0.004333546	5.52791E-05
ENSG00000101162	TUBB1	0.06579344	0.004328777	5.58048E-05
ENSG00000078403	MLLT10	0.065770218	0.004325722	5.61442E-05
ENSG00000247092	SNHG10	0.065706929	0.004317401	5.7079E-05
ENSG00000239127	SNORD125	0.065691458	0.004315368	5.73098E-05

ENSG00000128016	ZFP36	0.06565572	0.004310674	5.78462E-05
ENSG00000069702	TGFBR3	0.065646079	0.004309408	5.79918E-05
ENSG00000134686	PHC2	0.065630895	0.004307414	5.82217E-05
ENSG00000205544	TMEM256	0.065588824	0.004301894	5.88632E-05
ENSG00000267670	AC022098.2	0.065564019	0.004298641	5.92445E-05
ENSG00000160741	CRTC2	0.065548018	0.004296543	5.94918E-05
ENSG00000136518	ACTL6A	0.065526361	0.004293704	5.9828E-05
ENSG00000202314	SNORD6	0.06552516	0.004293547	5.98467E-05
ENSG00000106714	CNTNAP3	0.065508696	0.004291389	6.01035E-05
ENSG00000185115	NSMCE3	0.065499233	0.00429015	6.02516E-05
ENSG00000198435	NRARP	0.06548469	0.004288245	6.04799E-05
ENSG00000236002	N.A.	0.065458646	0.004284834	6.08908E-05
ENSG00000149483	TMEM138	0.065449321	0.004283614	6.10386E-05
ENSG00000199753	SNORD104	0.065393774	0.004276346	6.19257E-05
ENSG00000231486	N.A.	0.065369376	0.004273155	6.23193E-05

ENSG00000239732	TLR9	0.065333807	0.004268506	6.28972E-05
ENSG00000211664	IGLV2-18	0.065302418	0.004264406	6.34115E-05
ENSG00000204301	NOTCH4	0.065160747	0.004245923	6.57824E-05
ENSG00000209482	SNORD83A	0.065120393	0.004240666	6.64729E-05
ENSG00000155846	PPARGC1B	0.065107788	0.004239024	6.669E-05
ENSG00000168216	LMBRD1	0.065063525	0.004233262	6.74576E-05
ENSG00000154839	SKA1	0.06503814	0.00422996	6.79016E-05
ENSG00000227268	KLLN	0.064960714	0.004219894	6.92731E-05
ENSG00000140396	NCOA2	0.064939457	0.004217133	6.96542E-05
ENSG00000147642	SYBU	0.064833366	0.004203365	7.15859E-05
ENSG00000153982	GDPD1	0.064821885	0.004201877	7.1798E-05
ENSG00000166246	C16orf71	0.064805146	0.004199707	7.21082E-05
ENSG00000247095	MIR210HG	0.064799605	0.004198989	7.22112E-05
ENSG00000058091	CDK14	0.064792063	0.004198011	7.23516E-05
ENSG00000229093	OR51AB1P	0.064683786	0.004183992	7.43957E-05

ENSG00000250506	CDK3	0.0646489	0.00417948	7.50659E-05
ENSG00000201678	N.A.	0.064562414	0.004168305	7.67519E-05
ENSG00000170581	STAT2	0.064544297	0.004165966	7.71096E-05
ENSG00000155367	PPM1J	0.064518488	0.004162635	7.76219E-05
ENSG00000114573	ATP6V1A	0.064503038	0.004160642	7.79302E-05
ENSG00000128585	MKLN1	0.064460158	0.004155112	7.87916E-05
ENSG00000228106	N.A.	0.064440814	0.004152619	7.91832E-05
ENSG00000134901	POGLUT2	0.064424158	0.004150472	7.95218E-05
ENSG00000105472	CLEC11A	0.064412374	0.004148954	0.000417628
ENSG00000226608	FTLP3	0.064405553	0.004148075	7.99017E-05
ENSG00000083642	PDS5B	0.064345859	0.00414039	8.11321E-05
ENSG00000161057	PSMC2	0.064286016	0.004132692	8.23836E-05
ENSG00000179331	RAB39A	0.064276693	0.004131493	8.25802E-05
ENSG00000092098	RNF31	0.064232839	0.004125858	8.35109E-05
ENSG00000236496	GPS2P1	0.064216405	0.004123747	0.000437888

ENSG00000105427	CNFN	0.064189468	0.004120288	8.44412E-05
ENSG00000261416	AC012645.3	0.064144715	0.004114544	8.54113E-05
ENSG00000204438	GPANK1	0.064137648	0.004113638	0.000446285
ENSG00000102897	LYRM1	0.064117891	0.004111104	8.59978E-05
ENSG00000171817	ZNF540	0.064063349	0.004104113	8.72021E-05
ENSG00000211797	TRAV17	0.064009391	0.004097202	8.84092E-05
ENSG00000165837	ERICH6B	0.063971014	0.004092291	8.92773E-05
ENSG00000180336	MEIOC	0.06392453	0.004086346	9.03396E-05
ENSG00000186260	MRTFB	0.063913166	0.004084893	9.06011E-05
ENSG00000188483	IER5L	0.063877139	0.004080289	9.14349E-05
ENSG00000196233	LCOR	0.063813382	0.004072148	9.29282E-05
ENSG00000185220	PGBD2	0.063803448	0.00407088	9.31629E-05
ENSG00000155858	LSM11	0.063788099	0.004068922	9.35267E-05
ENSG00000174231	PRPF8	0.063620402	0.004047555	9.75897E-05
ENSG00000135722	FBXL8	0.063584655	0.004043008	9.84771E-05

ENSG00000267523	AC008735.2	0.063518159	0.004034557	0.000100148
ENSG00000113615	SEC24A	0.063485617	0.004030424	0.000100975
ENSG00000261476	AC009163.4	0.063451147	0.004026048	0.000101859
ENSG00000115255	REEP6	0.063422997	0.004022477	0.000102586
ENSG00000105737	GRIK5	0.063380576	0.004017097	0.000103691
ENSG00000141542	RAB40B	0.063343026	0.004012339	0.000104678
ENSG00000270102	N.A.	0.063326826	0.004010287	0.000105106
ENSG00000142864	SERBP1	0.063281701	0.004004574	0.000106309
ENSG00000072121	ZFYVE26	0.063242129	0.003999567	0.000107374
ENSG00000168096	ANKS3	0.063214767	0.003996107	0.000108117
ENSG00000246560	UBE2D3-AS1	0.063182771	0.003992062	0.000108991
ENSG00000161911	TREML1	0.063034853	0.003973393	0.000113121
ENSG00000108306	FBXL20	0.06301118	0.003970409	0.000113796
ENSG00000231940	RPS7P3	0.062927777	0.003959905	0.000116203
ENSG00000120278	PLEKHG1	0.062920413	0.003958978	0.000116417

ENSG00000239419	RN7SL535P	0.062896165	0.003955928	0.000117127
ENSG00000229097	CALM2P2	0.062892861	0.003955512	0.000117224
ENSG00000253626	EIF5AL1	0.06287564	0.003953346	0.000117731
ENSG00000143416	SELENBP1	0.062784132	0.003941847	0.00012046
ENSG00000215241	LINC02449	0.062774981	0.003940698	0.000120737
ENSG00000234807	LINC01135	0.062725323	0.003934466	0.000122246
ENSG00000126457	PRMT1	0.062695981	0.003930786	0.000123146
ENSG00000227741	AL121987.2	0.062651204	0.003925173	0.000124531
ENSG00000248477	NAIPP3	0.062638007	0.00392352	0.000124942
ENSG00000187667	N.A.	0.062477532	0.003903442	0.000130045
ENSG00000230912	AL021707.4	0.06244974	0.00389997	0.000130949
ENSG00000144674	GOLGA4	0.062269944	0.003877546	0.000136938
ENSG00000075945	KIFAP3	0.06218255	0.00386667	0.000139941
ENSG00000178307	TMEM11	0.062160823	0.003863968	0.000140698
ENSG00000178951	ZBTB7A	0.062049968	0.003850199	0.000144616

ENSG00000169621	APLF	0.061963465	0.003839471	0.000747034
ENSG00000226396	AL031727.1	0.061879463	0.003829068	0.000761778
ENSG00000129116	PALLD	0.061712987	0.003808493	0.000157169
ENSG00000207297	SNORD7	0.0617015	0.003807075	0.000157615
ENSG00000170855	TRIAP1	0.061673595	0.003803632	0.000158702
ENSG00000267510	AC011451.1	0.06162558	0.003797712	0.000160589
ENSG00000105329	TGFB1	0.061526375	0.003785495	0.000164555
ENSG00000204560	DHX16	0.061433175	0.003774035	0.000168365
ENSG00000172179	PRL	0.061421247	0.00377257	0.000168858
ENSG00000137337	MDC1	0.061414167	0.0037717	0.000169152
ENSG00000246596	AC139795.1	0.061405446	0.003770629	0.000169514
ENSG00000106355	LSM5	0.06138655	0.003768309	0.000170301
ENSG00000154309	DISP1	0.061275796	0.003754723	0.000174986
ENSG00000184786	DYNLT2	0.061271226	0.003754163	0.000175182
ENSG00000069956	MAPK6	0.061243601	0.003750779	0.000176371

ENSG00000260844	AC055876.4	0.061223445	0.00374831	0.000177243
ENSG00000187699	C2orf88	0.061216676	0.003747481	0.000177537
ENSG00000124593	AL365205.1	0.061185428	0.003743657	0.000178899
ENSG00000232618	AL355304.1	0.061180853	0.003743097	0.000179099
ENSG00000158417	EIF5B	0.061161016	0.00374067	0.000179969
ENSG00000225891	DHDDS-AS1	0.061145633	0.003738788	0.000180647
ENSG00000205277	MUC12	0.061136189	0.003737634	0.000181065
ENSG00000143793	C1orf35	0.061043227	0.003726276	0.000185221
ENSG00000162144	CYB561A3	0.06101333	0.003722626	0.000186577
ENSG00000113048	MRPS27	0.060876389	0.003705935	0.000192907
ENSG00000204305	AGER	0.060831365	0.003700455	0.000969969
ENSG00000259248	USP3-AS1	0.060782653	0.003694531	0.000197356
ENSG00000243960	AL390195.1	0.060727999	0.00368789	0.000199994
ENSG00000172780	RAB43	0.060646642	0.003678015	0.000203983
ENSG00000235138	AL445931.1	0.060639001	0.003677088	0.000204361

ENSG00000137198	GMPR	0.060487699	0.003658762	0.000211992
ENSG00000212802	RPL15P3	0.060481955	0.003658067	0.000212287
ENSG00000222057	RNU4-62P	0.060388462	0.003646766	0.000217141
ENSG00000102786	INTS6	0.06038123	0.003645893	0.00021752
ENSG00000077092	RARB	0.060314124	0.003637794	0.000221074
ENSG00000127314	RAP1B	0.06030032	0.003636129	0.000221812
ENSG00000143375	CGN	0.060266511	0.003632052	0.000223629
ENSG00000144290	SLC4A10	0.060231742	0.003627863	0.000225512
ENSG00000180626	ZNF594	0.060149305	0.003617939	0.000230036
ENSG00000267152	AC093227.1	0.060122319	0.003614693	0.000231535
ENSG00000225544	AC245452.1	0.060114883	0.003613799	0.00023195
ENSG00000154611	PSMA8	0.060100972	0.003612127	0.000232728
ENSG00000259642	ST20-AS1	0.059942954	0.003593158	0.000241736
ENSG00000125997	BPIFB9P	0.059881614	0.003585808	0.00024532
ENSG00000167676	PLIN4	0.059877941	0.003585368	0.001204039

ENSG00000261889	AC108134.2	0.059827785	0.003579364	0.000248507
ENSG00000170180	GYPA	0.059790824	0.003574943	0.000250717
ENSG00000259976	AC093010.2	0.059781343	0.003573809	0.000251287
ENSG00000211941	IGHV3-11	0.059740224	0.003568894	0.001241875
ENSG00000164970	FAM219A	0.059733615	0.003568105	0.000254174
ENSG00000166676	TVP23A	0.059714976	0.003565878	0.00025531
ENSG00000269653	AC011479.3	0.059646886	0.003557751	0.000259501
ENSG00000196436	NPIP15	0.059627241	0.003555408	0.000260722
ENSG00000260618	AC025917.1	0.059605815	0.003552853	0.00026206
ENSG00000148308	GTF3C5	0.059586219	0.003550518	0.000263289
ENSG00000163840	DTX3L	0.059532366	0.003544103	0.000266695
ENSG00000267804	N.A.	0.059427976	0.003531684	0.000273416
ENSG00000205220	PSMB10	0.059417652	0.003530457	0.000274089
ENSG00000197283	SYNGAP1	0.059411302	0.003529703	0.000274504
ENSG00000260144	AC100827.2	0.059376254	0.00352554	0.000276804

ENSG00000225022	UBE2D3P1	0.059355418	0.003523066	0.00027818
ENSG00000255222	SETP17	0.059352769	0.003522751	0.000278355
ENSG00000241685	ARPC1A	0.059327734	0.00351978	0.000280018
ENSG00000150712	MTMR12	0.059308765	0.00351753	0.001367649
ENSG00000174444	RPL4	0.05930446	0.003517019	0.000281572
ENSG00000159208	CIART	0.059296738	0.003516103	0.000282089
ENSG00000259660	DNM1P47	0.05924631	0.003510125	0.00028549
ENSG00000268275	N.A.	0.059223395	0.003507411	0.000287048
ENSG00000172915	NBEA	0.059171436	0.003501259	0.000290611
ENSG00000182749	PAQR7	0.059153188	0.0034991	0.000291872
ENSG00000155744	FAM126B	0.059072969	0.003489616	0.000297476
ENSG00000170476	MZB1	0.058978002	0.003478405	0.00030424
ENSG00000171307	ZDHHC16	0.058966311	0.003477026	0.000305083
ENSG00000174912	METTL15P1	0.058948669	0.003474946	0.000306358
ENSG00000115267	IFIH1	0.05887519	0.003466288	0.000311725

ENSG00000105127	AKAP8	0.058810042	0.003458621	0.000316557
ENSG00000039319	ZFYVE16	0.058799582	0.003457391	0.00031734
ENSG00000252206	RNU7-40P	0.058755266	0.003452181	0.000320674
ENSG00000075188	NUP37	0.058557036	0.003428927	0.000335996
ENSG00000268336	SIGLEC20P	0.058540765	0.003427021	0.000337283
ENSG00000211938	IGHV3-7	0.058505732	0.003422921	0.000340071
ENSG00000223855	HRAT92	0.058480948	0.003420021	0.000342056
ENSG00000103888	CEMIP	0.058474478	0.003419265	0.000342576
ENSG00000171848	RRM2	0.058461908	0.003417795	0.000343589
ENSG00000143110	C1orf162	0.058457218	0.003417246	0.000343967
ENSG00000085511	MAP3K4	0.058393622	0.003409815	0.000349138
ENSG00000075303	SLC25A40	0.058175039	0.003384335	0.001756336
ENSG00000229018	PMS2P7	0.058096498	0.003375203	0.001786715
ENSG00000144395	CCDC150	0.058069595	0.003372078	0.000376631
ENSG00000145491	ROPN1L	0.058068094	0.003371904	0.000376763

ENSG00000132912	DCTN4	0.058033771	0.003367919	0.000379792
ENSG00000145592	RPL37	0.058020809	0.003366414	0.000380941
ENSG00000230581	ACTG1P14	0.057937632	0.003356769	0.000388397
ENSG00000144591	GMPPA	0.057934474	0.003356403	0.000388682
ENSG00000188993	LRRC66	0.057925476	0.003355361	0.000389498
ENSG00000105613	MAST1	0.05780473	0.003341387	0.000400593
ENSG00000100084	HIRA	0.057779612	0.003338484	0.000402938
ENSG00000117906	RCN2	0.057765991	0.00333691	0.000404214
ENSG00000140287	HDC	0.057735012	0.003333332	0.000407133
ENSG00000001630	CYP51A1	0.057616765	0.003319692	0.000418453
ENSG00000143494	VASH2	0.05760351	0.003318164	0.00041974
ENSG00000228288	PCAT6	0.057332525	0.003287018	0.000446879
ENSG00000205771	CATSPER2P1	0.057234985	0.003275844	0.00215319
ENSG00000235609	AF127577.4	0.057107018	0.003261211	0.000470702
ENSG00000231128	AL137856.1	0.056978613	0.003246562	0.00048479

ENSG00000101335	MYL9	0.056859527	0.003233006	0.000498207
ENSG00000221643	SNORA77	0.056858358	0.003232873	0.00049834
ENSG00000105617	LENG1	0.056804143	0.003226711	0.000504564
ENSG00000107262	BAG1	0.056800574	0.003226305	0.000504976
ENSG00000259418	AC091117.2	0.056731556	0.003218469	0.00051301
ENSG00000242802	AP5Z1	0.056708327	0.003215834	0.00051574
ENSG00000115993	TRAK2	0.056702658	0.003215191	0.000516409
ENSG00000113595	TRIM23	0.056700016	0.003214892	0.000516721
ENSG00000100399	CHADL	0.056679186	0.00321253	0.000519185
ENSG00000070388	FGF22	0.056576756	0.003200929	0.000531464
ENSG00000223914	LINC02471	0.056554194	0.003198377	0.000534205
ENSG00000175267	VWA3A	0.05655387	0.00319834	0.000534244
ENSG00000161547	SRSF2	0.05650193	0.003192468	0.000540604
ENSG00000181656	GPR88	0.05635146	0.003175487	0.000559429
ENSG00000173230	GOLGB1	0.056313456	0.003171205	0.000564279

ENSG00000153443	UBALD1	0.056287942	0.003168332	0.000567557
ENSG00000196550	FAM72A	0.056280995	0.00316755	0.000568453
ENSG00000204371	EHMT2	0.056181787	0.003156393	0.000581388
ENSG00000181555	SETD2	0.056180014	0.003156194	0.000581621
ENSG00000159164	SV2A	0.056063946	0.003143166	0.000597107
ENSG00000204614	TRIM40	0.05599099	0.003134991	0.000607037
ENSG00000125740	FOSB	0.05579744	0.003113354	0.000634129
ENSG00000154165	GPR15	0.055717504	0.00310444	0.000645643
ENSG00000251562	MALAT1	0.055668563	0.003098989	0.000652787
ENSG00000159723	AGRP	0.055144905	0.003040961	0.000733975
ENSG00000069712	N.A.	0.055133948	0.003039752	0.000735769
ENSG00000140740	UQCRC2	0.055085617	0.003034425	0.000743735
ENSG00000115649	CNPPD1	0.055031292	0.003028443	0.000752784
ENSG00000087095	NLK	0.054923307	0.00301657	0.000771076
ENSG00000211956	IGHV4-34	0.054900253	0.003014038	0.000775034

ENSG00000110013	SIAE	0.054885909	0.003012463	0.000777506
ENSG00000231611	N.A.	0.054811781	0.003004331	0.003584741
ENSG00000258926	AL355916.2	0.054633453	0.002984814	0.000822233
ENSG00000237017	AC245052.4	0.054614248	0.002982716	0.000825732
ENSG00000131504	DIAPH1	0.054602815	0.002981467	0.000827821
ENSG00000268154	Metazoa_SRP	0.05442869	0.002962482	0.000860251
ENSG00000189403	HMGB1	0.054186367	0.002936162	0.000907345
ENSG00000176986	SEC24C	0.054105697	0.002927426	0.000923546
ENSG00000269877	AC008753.3	0.054062737	0.00292278	0.000932282
ENSG00000243746	EEF1A1P10	0.054062207	0.002922722	0.00093239
ENSG00000155100	OTUD6B	0.054040062	0.002920328	0.000936924
ENSG00000145194	ECE2	0.054025437	0.002918748	0.000939929
ENSG00000253309	SERPINE3	0.053858597	0.002900748	0.000974851
ENSG00000168614	N.A.	0.053846106	0.002899403	0.000977513
ENSG00000008441	NFIX	0.053616936	0.002874776	0.001027568

ENSG00000166902	MRPL16	0.05355402	0.002868033	0.001041719
ENSG00000092470	WDR76	0.053394703	0.002850994	0.001078362
ENSG00000179950	PUF60	0.05339173	0.002850677	0.001079057
ENSG00000267344	AC003070.1	0.053283579	0.00283914	0.001104622
ENSG00000259381	AC090695.1	0.053147146	0.002824619	0.001137672
ENSG00000155975	VPS37A	0.053117561	0.002821475	0.001144958
ENSG00000204611	ZNF616	0.053014854	0.002810575	0.001170588
ENSG00000186350	RXRA	0.053009505	0.002810008	0.001171938
ENSG00000183048	SLC25A10	0.052969617	0.00280578	0.001182045
ENSG00000073792	IGF2BP2	0.052930422	0.00280163	0.001192054
ENSG00000126453	BCL2L12	0.052870725	0.002795314	0.00120745
ENSG00000107789	MINPP1	0.052844335	0.002792524	0.001214314
ENSG00000231360	N.A.	0.052827954	0.002790793	0.001218593
ENSG00000174405	LIG4	0.052661425	0.002773226	0.001262891
ENSG00000166411	IDH3A	0.052644724	0.002771467	0.001267414

ENSG00000262251	N.A.	0.052527651	0.002759154	0.001299547
ENSG00000142875	PRKACB	0.052379574	0.00274362	0.001341264
ENSG00000225791	TRAM2-AS1	0.052312763	0.002736625	0.001360489
ENSG00000248791	AC010627.1	0.052275978	0.002732778	0.001371181
ENSG00000265982	AC103810.3	0.052165884	0.002721279	0.001403648
ENSG00000087128	TMPRSS11E	0.052105773	0.002715012	0.006170013
ENSG00000177764	N.A.	0.052052623	0.002709476	0.001437787
ENSG00000115935	WIPF1	0.051966245	0.002700491	0.001464335
ENSG00000134853	PDGFRA	0.051923723	0.002696073	0.001477569
ENSG00000103423	DNAJA3	0.051449014	0.002647001	0.001632983
ENSG00000183751	TBL3	0.051314801	0.002633209	0.001679573
ENSG00000225119	N.A.	0.05111851	0.002613102	0.001749917
ENSG00000204310	AGPAT1	0.050822912	0.002582968	0.00186097
ENSG00000079462	PAFAH1B3	0.050690093	0.002569486	0.001912945
ENSG00000106261	ZKSCAN1	0.050632436	0.002563644	0.00193592

ENSG00000223779	AC239800.1	0.050577393	0.002558073	0.001958089
ENSG00000179523	EIF3J-DT	0.050445477	0.002544746	0.002012172
ENSG00000233030	AC243772.2	0.050379211	0.002538065	0.002039853
ENSG00000164362	TERT	0.050323647	0.002532469	0.002063333
ENSG00000172889	EGFL7	0.050238348	0.002523892	0.00209986
ENSG00000253364	COPDA1	0.04958297	0.002458471	0.002400903
ENSG00000202058	RN7SKP80	0.049274749	0.002428001	0.002555712
ENSG00000229503	RPL21P37	0.049273859	0.002427913	0.002556172
ENSG00000086967	MYBPC2	0.049256907	0.002426243	0.002564947
ENSG00000265688	MAFG-DT	0.049032277	0.002404164	0.002683852
ENSG00000256553	TRAV1-2	0.048945073	0.00239562	0.002731354
ENSG00000118985	ELL2	0.048765432	0.002378067	0.002831637
ENSG00000258461	AC012651.1	0.048678338	0.002369581	0.002881456
ENSG00000146410	MTFR2	0.048664001	0.002368185	0.002889732
ENSG00000092067	CEBPE	0.04857771	0.002359794	0.002940011

ENSG00000112406	HECA	0.048474481	0.002349775	0.003001206
ENSG00000092529	CAPN3	0.048383504	0.002340963	0.003056099
ENSG00000166133	RPU5D2	0.048330444	0.002335832	0.003088534
ENSG00000198546	ZNF511	0.048250195	0.002328081	0.003138187
ENSG00000074660	SCARF1	0.048180015	0.002321314	0.003182205
ENSG00000245156	AP001107.1	0.047398524	0.00224662	0.003711803
ENSG00000104808	DHDH	0.047113429	0.002219675	0.003924136
ENSG00000236943	N.A.	0.046855572	0.002195445	0.004125619
ENSG00000072135	PTPN18	0.046848049	0.00219474	0.004131635
ENSG00000141570	CBX8	0.046642835	0.002175554	0.004298859
ENSG00000198795	ZNF521	0.046443742	0.002157021	0.004466934
ENSG00000234797	RPS3AP6	0.046427728	0.002155534	0.004480709
ENSG00000126705	AHDC1	0.046226845	0.002136921	0.004656795
ENSG00000187156	N.A.	0.046220279	0.002136314	0.004662655
ENSG00000137312	FLOT1	0.045931973	0.002109746	0.004926625

ENSG00000204568	MRPS18B	0.045726873	0.002090947	0.005122559
ENSG00000270031	AL020997.3	0.045658861	0.002084732	0.00518907
ENSG00000182325	FBXL6	0.045230198	0.002045771	0.005626521
ENSG00000137478	FCHSD2	0.04517198	0.002040508	0.005688431
ENSG00000204599	TRIM39	0.044800233	0.002007061	0.00609844
ENSG00000265714	N.A.	0.0447366	0.002001363	0.006171232
ENSG00000261071	AL441883.1	0.044381077	0.00196968	0.006592499
ENSG00000164463	CREBRF	0.044336084	0.001965688	0.006647615
ENSG00000164591	MYOZ3	0.043825155	0.001920644	0.007303185
ENSG00000186665	C17orf58	0.043738421	0.001913049	0.007420059
ENSG00000185686	PRAME	0.043552858	0.001896851	0.007675752
ENSG00000110046	ATG2A	0.043303998	0.001875236	0.008031049
ENSG00000265907	AP000919.1	0.043052737	0.001853538	0.008404637
ENSG00000168394	TAP1	0.043046678	0.001853016	0.008413835
ENSG00000203414	BTBD7P1	0.042983073	0.001847545	0.008510932

ENSG00000204590	GNL1	0.042916643	0.001841838	0.00861341
ENSG00000244219	TMEM225B	0.042773683	0.001829588	0.008837695
ENSG00000197191	CYSRT1	0.042707337	0.001823917	0.008943543
ENSG00000204498	NFKBIL1	0.04262954	0.001817278	0.0090691
ENSG00000172663	TMEM134	0.04225737	0.001785685	0.009691775
ENSG00000163539	CLASP2	0.042052189	0.001768387	0.01005111
ENSG00000211900	IGHJ6	0.041833845	0.001750071	0.010446479
ENSG00000092051	JPH4	0.041818568	0.001748793	0.010474653
ENSG00000166619	BLCAP	0.04174202	0.001742396	0.010616841
ENSG00000205730	ITPRIPL2	0.04153988	0.001725562	0.011000603
ENSG00000227262	HCG4B	0.041221257	0.001699192	0.011630551
ENSG00000172339	ALG14	0.040791871	0.001663977	0.012530014
ENSG00000255302	EID1	0.040703344	0.001656762	0.012722937
ENSG00000204421	LY6G6C	0.039668268	0.001573571	0.015181304
ENSG00000215914	MMP23A	0.039514857	0.001561424	0.015579188

ENSG00000167680	SEMA6B	0.039389253	0.001551513	0.015911749
ENSG00000112335	SNX3	0.039101932	0.001528961	0.01669605
ENSG00000135441	BLOC1S1	0.039088052	0.001527876	0.016734781
ENSG00000161813	LARP4	0.038953708	0.001517391	0.01711377
ENSG00000211945	IGHV1-18	0.038895978	0.001512897	0.017278927
ENSG00000023697	DERA	0.038284829	0.001465728	0.019114842
ENSG00000146112	PPP1R18	0.038005234	0.001444398	0.020010112
ENSG00000104918	RETN	0.037882871	0.001435112	0.02041329
ENSG00000241404	EGFL8	0.037570758	0.001411562	0.021473917
ENSG00000226629	LINC00974	0.037436275	0.001401475	0.021945503
ENSG00000259120	SMIM6	0.036945424	0.001364964	0.02374401
ENSG00000220563	PKMP3	0.036760104	0.001351305	0.024455543
ENSG00000162738	VANGL2	0.036474289	0.001330374	0.025589128
ENSG00000260349	AC087190.1	0.036466756	0.001329824	0.025619606
ENSG00000142687	KIAA0319L	0.035136345	0.001234563	0.03151953

ENSG00000201988	Y_RNA	0.035135568	0.001234508	0.031523291
ENSG00000225411	CR786580.1	0.035114527	0.00123303	0.031625269
ENSG00000204613	TRIM10	0.035044651	0.001228128	0.03196597
ENSG00000144589	STK11IP	0.034790546	0.001210382	0.033231559
ENSG00000185158	LRRC37B	0.034465135	0.001187846	0.034914676
ENSG00000167604	NFKBID	0.034379501	0.00118195	0.035369513
ENSG00000254140	N.A.	0.034209135	0.001170265	0.036289425
ENSG00000158691	ZSCAN12	0.034160304	0.001166926	0.036556827
ENSG00000065054	SLC9A3R2	0.033802544	0.001142612	0.038567576
ENSG00000204427	ABHD16A	0.033305776	0.001109275	0.041514843
ENSG00000187608	ISG15	0.033145154	0.001098601	0.042507676
ENSG00000204231	RXRB	0.033033373	0.001091204	0.043210401
ENSG00000233198	RNF224	0.033026998	0.001090783	0.043250775
ENSG00000072062	PRKACA	0.032942306	0.001085196	0.04379014
ENSG00000206176	N.A.	0.032930809	0.001084438	0.043863791

ENSG00000214456	PLIN5	0.032779146	0.001074472	0.044845239
ENSG00000196188	CTSE	0.032322799	0.001044763	0.047910687
ENSG00000232940	HCG25	0.032294018	0.001042904	0.048109777
ENSG00000215630	GUSBP9	0.032207253	0.001037307	0.048714193
ENSG00000119041	GTF3C3	0.031710923	0.001005583	0.052295425
ENSG00000141696	P3H4	0.031620179	0.000999836	0.052973417
ENSG00000235398	N.A.	0.031341215	0.000982272	0.05510382
ENSG00000211891	IGHE	0.031273022	0.000978002	0.055635321
ENSG00000120925	RNF170	0.031235242	0.00097564	0.055931619
ENSG00000117118	SDHB	0.031035879	0.000963226	0.057516978
ENSG00000120756	PLS1	0.030673067	0.000940837	0.060497928
ENSG00000204356	NELFE	0.030190761	0.000911482	0.06465775
ENSG00000244575	IGKV1-27	0.030024306	0.000901459	0.06614706
ENSG00000167552	TUBA1A	0.029583465	0.000875181	0.070228298
ENSG00000235290	HLA-W	0.029007386	0.000841428	0.07587053

ENSG00000136542	GALNT5	0.028990519	0.00084045	0.076041136
ENSG00000196074	SYCP2	0.02882426	0.000830838	0.077739671
ENSG00000106246	PTCD1	0.028806367	0.000829807	0.077924301
ENSG00000204389	HSPA1A	0.028250051	0.000798065	0.083844838
ENSG00000188986	NELFB	0.028153414	0.000792615	0.084909474
ENSG00000181588	MEX3D	0.028098469	0.000789524	0.085519657
ENSG00000137404	NRM	0.027772492	0.000771311	0.089212951
ENSG00000167700	MFSD3	0.027455189	0.000753787	0.092930261
ENSG00000189227	C15orf61	0.027437773	0.000752831	0.093137847
ENSG00000241294	IGKV2-24	0.027260081	0.000743112	0.095277057
ENSG00000204366	ZBTB12	0.027222071	0.000741041	0.095739718
ENSG00000171403	KRT9	0.027069615	0.000732764	0.097613542
ENSG00000213145	CRIP1	0.027066769	0.00073261	0.097648806
ENSG00000117262	GPR89A	0.026795941	0.000718022	0.101050651
ENSG00000120942	UBIAD1	0.026787774	0.000717585	0.101154688

ENSG00000185437	SH3BGR	0.026583076	0.00070666	0.103790129
ENSG00000234996	ACTG1P25	0.026222192	0.000687603	0.108568997
ENSG00000067900	ROCK1	0.026064213	0.000679343	0.110715004
ENSG00000238460	N.A.	0.025500958	0.000650299	0.118639846
ENSG00000204618	RNF39	0.024625078	0.000606394	0.131838107
ENSG00000104047	DTWD1	0.024494421	0.000599977	0.133900829
ENSG00000254326	IGHV7-27	0.023863825	0.000569482	0.14420881
ENSG00000204344	STK19	0.023612855	0.000557567	0.148476456
ENSG00000168280	KIF5C	0.023528879	0.000553608	0.149925765
ENSG00000228013	IL6R-AS1	0.023141923	0.000535549	0.156743736
ENSG00000232457	SLC16A6P1	0.023138304	0.000535381	0.156808607
ENSG00000112473	SLC39A7	0.022860783	0.000522615	0.161842868
ENSG00000215513	N.A.	0.022795736	0.000519646	0.16304028
ENSG00000211934	IGHV1-2	0.022754295	0.000517758	0.163806618
ENSG00000186076	AC012085.1	0.022723913	0.000516376	0.164370179

ENSG00000224041	IGKV3D-15	0.022585075	0.000510086	0.166964073
ENSG00000268578	N.A.	0.022399607	0.000501742	0.170476956
ENSG00000119514	GALNT12	0.022015309	0.000484674	0.177931537
ENSG00000119922	IFIT2	0.021904913	0.000479825	0.180117208
ENSG00000230306	BANF1P2	0.021580922	0.000465736	0.186646742
ENSG00000262180	N.A.	0.021512758	0.000462799	0.18804247
ENSG00000116852	KIF21B	0.021465433	0.000460765	0.189016009
ENSG00000188011	RTP5	0.021365454	0.000456483	0.191084922
ENSG00000211962	IGHV1-46	0.021355225	0.000456046	0.191297542
ENSG00000260660	AC113208.3	0.021299629	0.000453674	0.192456139
ENSG00000178162	FAR2P2	0.021037389	0.000442572	0.197990722
ENSG00000211949	IGHV3-23	0.020718045	0.000429237	0.204886524
ENSG00000213676	ATF6B	0.020538646	0.000421836	0.20883616
ENSG00000206149	HERC2P9	0.020201889	0.000408116	0.216398521
ENSG00000211890	IGHA2	0.020166872	0.000406703	0.217196047

ENSG00000211647	IGLV5-48	0.020007784	0.000400311	0.220845955
ENSG00000108641	B9D1	0.019777148	0.000391136	0.226215079
ENSG00000099822	HCN2	0.019752899	0.000390177	0.226784965
ENSG00000185761	ADAMTSL5	0.019609782	0.000384544	0.230169173
ENSG00000177432	NAP1L5	0.019587159	0.000383657	0.230707389
ENSG00000196636	SDHAF3	0.019454889	0.000378493	0.233872131
ENSG00000223551	TMSB4XP4	0.019282266	0.000371806	0.238048465
ENSG00000267852	AC119396.1	0.019224034	0.000369563	0.239469095
ENSG00000146282	RARS2	0.019075694	0.000363882	0.243114967
ENSG00000233903	N.A.	0.018795179	0.000353259	0.250115609
ENSG00000112851	ERBIN	0.01876123	0.000351984	0.250972321
ENSG00000196230	TUBB	0.018703223	0.000349811	0.252440845
ENSG00000211666	IGLV2-14	0.018625606	0.000346913	0.254415172
ENSG00000242607	RPS3AP34	0.018442628	0.000340131	0.259111993
ENSG00000103528	SYT17	0.018285586	0.000334363	0.263190674

ENSG0000005810	MYCBP2	0.017817731	0.000317472	0.27560337
ENSG00000105011	ASF1B	0.01727687	0.00029849	0.290443365
ENSG00000185813	PCYT2	0.016773045	0.000281335	0.304742331
ENSG00000233775	AL109945.1	0.016658992	0.000277522	0.308043029
ENSG00000259193	N.A.	0.016154796	0.000260977	0.322916667
ENSG00000174059	CD34	0.015860749	0.000251563	0.331803557
ENSG00000116649	SRM	0.01582935	0.000250568	0.332761776
ENSG00000168477	TNXB	0.015791764	0.00024938	0.33391114
ENSG00000243238	IGKV2-30	0.015492454	0.000240016	0.343155153
ENSG00000242574	HLA-DMB	0.015453066	0.000238797	0.344383709
ENSG00000264553	MIR4257	0.014944427	0.000223336	0.360499823
ENSG00000186481	ANKRD20A5P	0.014941155	0.000223238	0.360605009
ENSG00000106591	MRPL32	0.014567716	0.000212218	0.372735749
ENSG00000270049	AC009061.2	0.014552517	0.000211776	0.373234779
ENSG00000262758	N.A.	0.014034804	0.000196976	0.390478539

ENSG00000166278	C2	0.013753821	0.000189168	0.400036724
ENSG00000226287	TMEM191A	0.013583074	0.0001845	0.405913089
ENSG00000141756	FKBP10	0.013562008	0.000183928	0.406641648
ENSG00000100167	SEPTIN3	0.01321785	0.000174712	0.418654231
ENSG00000211662	IGLV3-21	0.01265258	0.000160088	0.438831269
ENSG00000124541	RRP36	0.012640709	0.000159788	0.439260886
ENSG00000197530	MIB2	0.012451591	0.000155042	0.446137898
ENSG00000215769	GAP27P1-BPTFP1-KPN	0.012422849	0.000154327	0.447188365
ENSG00000118162	KPTN	0.012251377	0.000150096	0.453484691
ENSG00000064961	HMG20B	0.012110075	0.000146654	0.458710555
ENSG00000141562	NARF	0.012105401	0.000146541	0.458883985
ENSG00000232274	N.A.	0.012039792	0.000144957	0.461322385
ENSG00000129473	BCL2L2	0.011757287	0.000138234	0.471904075
ENSG00000234972	N.A.	0.011531622	0.000132978	0.480451901
ENSG00000066379	POLR1H	0.011429314	0.000130629	0.484354782

ENSG00000155868	MED7	0.011236725	0.000126264	0.491748086
ENSG00000105640	RPL18A	0.011154365	0.00012442	0.494928184
ENSG00000160753	RUSC1	0.011141498	0.000124133	0.495426008
ENSG00000099840	IZUMO4	0.0110655	0.000122445	0.498371749
ENSG00000228794	LINC01128	0.010986454	0.000120702	0.501445502
ENSG00000240669	AC023424.1	0.010678179	0.000114024	0.513528136
ENSG00000182095	TNRC18	0.010627401	0.000112942	0.51553279
ENSG00000230850	N.A.	0.010599386	0.000112347	0.516640527
ENSG00000218283	MORF4L1P1	0.010221971	0.000104489	0.531683032
ENSG00000211942	IGHV3-13	0.009984285	9.96859E-05	0.541268969
ENSG00000204619	PPP1R11	0.009721769	9.45128E-05	0.551955649
ENSG00000267895	AC063977.1	0.009697978	9.40508E-05	0.55292924
ENSG00000258654	AC026495.1	0.009651828	9.31578E-05	0.554820215
ENSG00000137522	RNF121	0.009518515	9.06021E-05	0.560300365
ENSG00000183729	NPBWR1	0.009198747	8.46169E-05	0.573551058

ENSG00000156983	BRPF1	0.009123788	8.32435E-05	0.576678576
ENSG0000036054	TBC1D23	0.008932909	7.97969E-05	0.584678758
ENSG00000171236	LRG1	0.008857889	7.84622E-05	0.587837082
ENSG00000231925	TAPBP	0.008767451	7.68682E-05	0.591654961
ENSG00000220008	LINGO3	0.008320255	6.92266E-05	0.610698574
ENSG00000254681	PKD1P5	0.0082277	6.7695E-05	0.614673711
ENSG00000066777	ARFGEF1	0.007824162	6.12175E-05	0.632136419
ENSG00000243745	N.A.	0.007745648	5.99951E-05	0.635558381
ENSG00000136197	C7orf25	0.007496824	5.62024E-05	0.646454451
ENSG00000225169	BRI3P1	0.007491002	5.61151E-05	0.646710319
ENSG00000253755	IGHGP	0.007414824	5.49796E-05	0.650062103
ENSG00000241983	RN7SL566P	0.007354881	5.40943E-05	0.652704496
ENSG00000211937	IGHV2-5	0.007168254	5.13839E-05	0.660959254
ENSG00000022976	ZNF839	0.007052243	4.97341E-05	0.666111496
ENSG00000179832	MROH1	0.006971967	4.86083E-05	0.669685983

ENSG00000211893	IGHG2	0.006914264	4.7807E-05	0.672259933
ENSG00000259456	ADNP-AS1	0.006441213	4.14892E-05	0.693504108
ENSG00000244620	AC246787.2	0.006092591	3.71197E-05	0.709317061
ENSG00000189409	MMP23B	0.005962999	3.55574E-05	0.715227647
ENSG00000227540	DNAJC9-AS1	0.00586024	3.43424E-05	0.719926636
ENSG00000253701	N.A.	0.005595136	3.13055E-05	0.732097808
ENSG00000106346	USP42	0.005529394	3.05742E-05	0.735126671
ENSG00000012223	LTF	0.004841793	2.3443E-05	0.767044717
ENSG00000092969	TGFB2	0.004747981	2.25433E-05	0.771431597
ENSG00000204410	MSH5	0.004720742	2.22854E-05	0.772706736
ENSG00000138279	ANXA7	0.004317816	1.86435E-05	0.791638802
ENSG00000110031	LPXN	0.004266093	1.81996E-05	0.794078271
ENSG00000174804	FZD4	0.004212267	1.77432E-05	0.796619057
ENSG00000088727	KIF9	0.004196011	1.76065E-05	0.79738681
ENSG00000182796	TMEM198B	0.004104055	1.68433E-05	0.801733593

ENSG00000156642	NPTN	0.004059377	1.64785E-05	0.803847702
ENSG00000201207	Y_RNA	0.003990792	1.59264E-05	0.807095937
ENSG00000152726	N.A.	0.003989625	1.59171E-05	0.807151242
ENSG00000180769	WDFY3-AS2	0.003949675	1.55999E-05	0.809044851
ENSG00000204564	C6orf136	0.003908433	1.52758E-05	0.811000867
ENSG00000233961	N.A.	0.003487764	1.21645E-05	0.831017673
ENSG00000211668	IGLV2-11	0.003433337	1.17878E-05	0.833615812
ENSG00000152939	MARVELD2	0.003392322	1.15079E-05	0.835574914
ENSG00000235351	AC114730.3	0.002919573	8.52391E-06	0.858226701
ENSG00000211659	IGLV3-25	0.002623114	6.88073E-06	0.872492535
ENSG00000145386	CCNA2	0.002610691	6.81571E-06	0.873091272
ENSG00000167625	ZNF526	0.002369962	5.61672E-06	0.884707492
ENSG00000232151	N.A.	0.002349915	5.5221E-06	0.885675999
ENSG00000257410	AC089984.1	0.002214098	4.90223E-06	0.892241961
ENSG00000070985	TRPM5	0.002131144	4.54177E-06	0.89625601

ENSG00000204574	ABCF1	0.002043167	4.17453E-06	0.900515956
ENSG00000242992	FTH1P4	0.001899911	3.60966E-06	0.907458717
ENSG00000182487	NCF1B	0.001890191	3.57282E-06	0.907930078
ENSG00000198858	R3HDM4	0.001888757	3.5674E-06	0.907999626
ENSG00000162757	C1orf74	0.001554664	2.41698E-06	0.924218857
ENSG00000104671	DCTN6	0.001534499	2.35469E-06	0.925198868
ENSG00000172828	CES3	0.001525874	2.32829E-06	0.925618092
ENSG00000235999	N.A.	0.001072598	1.15047E-06	0.947675585
ENSG00000087086	FTL	0.000430795	1.85584E-07	0.978971938
ENSG00000179820	MYADM	0.000408315	1.66721E-07	0.980068997
ENSG00000198569	SLC34A3	0.000382135	1.46027E-07	0.981346679
ENSG00000211943	IGHV3-15	0.000352985	1.24598E-07	0.982769361
ENSG00000204394	VAR51	0.000313469	9.8263E-08	0.984698028