



Supplementary Figure. S1

Western blot analysis of levels of DISC1 protein in HEK293-APP cells which were transfected with DISC1-overexpression (OE) or control lentiviruses (vector).

Supplementary Table. S1 351 DEPs in model cells of AD over-expressing DISC1.

Protein ID	Gene symbol	Description	Mean ratio
P60673	PFN3	Profilin-3	2.663172018
P62273	RPS29	40S ribosomal protein S29	2.481425328
Q9NRI5	DISC1	Disrupted in schizophrenia 1 protein	2.175152568
Q9UK76	JPT1	Jupiter microtubule associated homolog 1	2.129304373
D6RIA3	C4orf54	Uncharacterized protein C4orf54	1.976621657
Q6P1L8	MRPL14	39S ribosomal protein L14, mitochondrial	1.946385443
Q71DI3	HIST2H3A	Histone H3.2	1.807106261
P05160	F13B	Coagulation factor XIII B chain	1.656737482
Q93077	HIST1H2AC	Histone H2A type 1-C	1.604556122
Q8WXG1	RSAD2	Radical S-adenosyl methionine domain-containing protein 2	1.593975355
P82921	MRPS21	28S ribosomal protein S21, mitochondrial	1.577483389
O75037	KIF21B	Kinesin-like protein KIF21B	1.570883653
Q9UK80	USP21	Ubiquitin carboxyl-terminal hydrolase 21	1.566709143
P52926	HMGA2	High mobility group protein HMGI-C	1.56653705
Q9BY77	POLDIP3	Polymerase delta-interacting protein 3	1.562567582
Q9Y6C2	EMILIN1	EMILIN-1	1.562523246
O00488	ZNF593	Zinc finger protein 593	1.561342328
Q9H446	RWDD1	RWD domain-containing protein 1	1.551293724
Q9NW61	PLEKHJ1	Pleckstrin homology domain-containing family J member 1	1.544695272
Q13442	PDAP1	28 kDa heat- and acid-stable phosphoprotein	1.542954482
O95793	STAU1	Double-stranded RNA-binding protein Staufen homolog 1	1.52148379
O14921	RGS13	Regulator of G-protein signaling 13	1.518755395
P35637	FUS	RNA-binding protein FUS	1.51176635
Q8WXE9	STON2	Stonin-2	1.510145096
P04908	HIST1H2AB	Histone H2A type 1-B/E	1.499748278
Q9NZC9	SMARCAL1	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-like protein 1	1.484634212
P60866	RPS20	40S ribosomal protein S20	1.471888769
P62913	RPL11	60S ribosomal protein L11	1.469239167
O00311	CDC7	Cell division cycle 7-related protein kinase	1.459651794
Q99871	HAUS7	HAUS augmin-like complex subunit 7	1.452152209
Q5VWW1	C1QL3	Complement C1q-like protein 3	1.429847408
P84103	SRSF3	Serine/arginine-rich splicing factor 3	1.425031204
P09429	HMGB1	High mobility group protein B1	1.421077504
P41223	BUD31	Protein BUD31 homolog	1.417104628
Q9NZP6	NPAP1	Nuclear pore-associated protein 1	1.405854464
Q02224	CENPE	Centromere-associated protein E	1.391536488
Q5XPI4	RNF123	E3 ubiquitin-protein ligase RNF123	1.38593246
Q9H492	MAP1LC3A	Microtubule-associated proteins 1A/1B light	1.384994248

		chain 3A	
Q9UKM9	RALY	RNA-binding protein Raly	1.379526179
Q96DE0	NUDT16	U8 snoRNA-decapping enzyme	1.378987515
Q6FIF0	ZFAND6	AN1-type zinc finger protein 6	1.377644089
Q71UI9	H2AFV	Histone H2A.V	1.367391837
P62263	RPS14	40S ribosomal protein S14	1.364455781
Q9UNW9	NOVA2	RNA-binding protein Nova-2	1.361265134
P62633	CNBP	Cellular nucleic acid-binding protein	1.358100889
P38159	RBMX	RNA-binding motif protein, X chromosome	1.358088598
P84243	H3F3A	Histone H3.3	1.357848195
P25685	DNAJB1	DnaJ homolog subfamily B member 1	1.357253446
P60002	ELOF1	Transcription elongation factor 1 homolog	1.357118803
P62316	SNRPD2	Small nuclear ribonucleoprotein Sm D2	1.350704621
Q9NUL3	STAU2	Double-stranded RNA-binding protein Staufen homolog 2	1.350569347
P45452	MMP13	Collagenase 3	1.348205049
P26583	HMGB2	High mobility group protein B2	1.347960919
Q14493	SLBP	Histone RNA hairpin-binding protein	1.339336978
P62805	HIST1H4A	Histone H4	1.338675082
P60981	DSTN	Destrin	1.338360807
Q14832	GRM3	Metabotropic glutamate receptor 3	1.337731441
Q9NW64	RBM22	Pre-mRNA-splicing factor RBM22	1.33489686
P30050	RPL12	60S ribosomal protein L12	1.327390437
Q86TN4	TRPT1	tRNA 2'-phosphotransferase 1	1.32606524
Q9NXW9	ALKBH4	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4	1.325937978
Q9NPG1	FZD3	Frizzled-3	1.322624257
O75925	PIAS1	E3 SUMO-protein ligase PIAS1	1.321503766
Q01844	EWSR1	RNA-binding protein EWS	1.319601261
Q53QV2	LBH	Protein LBH	1.318861536
O75531	BANF1	Barrier-to-autointegration factor	1.314593528
Q00688	FKBP3	Peptidyl-prolyl cis-trans isomerase FKBP3	1.313956247
Q6NXN4	DPY19L2P1	Putative C-mannosyltransferase DPY19L2P1	1.310855929
Q9H8W4	PLEKHF2	Pleckstrin homology domain-containing family F member 2	1.309976401
P61077	UBE2D3	Ubiquitin-conjugating enzyme E2 D3	1.305305759
Q13393	PLD1	Phospholipase D1	1.304721135
O14531	DPYSL4	Dihydropyrimidinase-related protein 4	1.304654158
Q9HC52	CBX8	Chromobox protein homolog 8	1.304094296
Q8NH81	OR10G6	Olfactory receptor 10G6	1.30345953
Q9HBM6	TAF9B	Transcription initiation factor TFIID subunit 9B	1.302202026
Q9NZP5	OR5AC2	Olfactory receptor 5AC2	1.298908529
Q96EK6	GNPNAT1	Glucosamine 6-phosphate N-acetyltransferase	1.297054425
P17096	HMG1	High mobility group protein HMG-I/HMG-Y	1.290807567
Q9NRR4	DROSHA	Ribonuclease 3	1.290265936
O15061	SYNM	Synemin	1.289195829
Q9NXR1	NDE1	Nuclear distribution protein nudE homolog 1	1.288709326

P11940	PABPC1	Polyadenylate-binding protein 1	1.285071017
Q7Z7K6	CENPV	Centromere protein V	1.283916595
Q68CJ6	NUGGC	Nuclear GTPase SLIP-GC	1.283641361
P18077	RPL35A	60S ribosomal protein L35a	1.283026404
Q96CT7	CCDC124	Coiled-coil domain-containing protein 124	1.281811492
P62318	SNRPD3	Small nuclear ribonucleoprotein Sm D3	1.281563466
Q96F86	EDC3	Enhancer of mRNA-decapping protein 3	1.280314048
Q5VV41	ARHGEF16	Rho guanine nucleotide exchange factor 16	1.279495682
Q9UN81	L1RE1	LINE-1 retrotransposable element ORF1 protein	1.279078071
O75937	DNAJC8	DnaJ homolog subfamily C member 8	1.275320043
P61513	RPL37A	60S ribosomal protein L37a	1.27469655
Q96N11	C7orf26	Uncharacterized protein C7orf26	1.272927269
P23193	TCEA1	Transcription elongation factor A protein 1	1.266354628
Q9UGN5	PARP2	Poly [ADP-ribose] polymerase 2	1.263690485
P68371	TUBB4B	Tubulin beta-4B chain	1.263359478
Q99729	HNRNPAB	Heterogeneous nuclear ribonucleoprotein A/B	1.261724378
Q4J6C6	PREPL	Prolyl endopeptidase-like	1.261697724
Q96EY5	MVB12A	Multivesicular body subunit 12A	1.261182618
Q9BRZ2	TRIM56	E3 ubiquitin-protein ligase TRIM56	1.260905818
Q8IYE0	CCDC146	Coiled-coil domain-containing protein 146	1.260509627
Q9H2C2	ARV1	Protein ARV1	1.260370968
Q562E7	WDR81	WD repeat-containing protein 81	1.260227986
Q9H477	RBKS	Ribokinase	1.260169904
O15347	HMGB3	High mobility group protein B3	1.258228304
Q9BWE0	REPIN1	Replication initiator 1	1.257249586
P46783	RPS10	40S ribosomal protein S10	1.256715091
Q12980	NPRL3	GATOR complex protein NPRL3	1.255275227
Q9Y3S2	ZNF330	Zinc finger protein 330	1.254775718
Q9NZI7	UBP1	Upstream-binding protein 1	1.254692752
Q9NXA8	SIRT5	NAD-dependent protein deacylase sirtuin-5, mitochondrial	1.253462074
P07910	HNRNPC	Heterogeneous nuclear ribonucleoproteins C1/C2	1.253406773
Q8N653	LZTR1	Leucine-zipper-like transcriptional regulator 1	1.253380617
Q7Z7N9	TMEM179B	Transmembrane protein 179B	1.253120454
P36507	MAP2K2	Dual specificity mitogen-activated protein kinase kinase 2	1.252605327
Q13268	DHRS2	Dehydrogenase/reductase SDR family member 2, mitochondrial	1.251813455
P53999	SUB1	Activated RNA polymerase II transcriptional coactivator p15	1.248839311
Q9H1E3	NUCKS1	Nuclear ubiquitous casein and cyclin-dependent kinase substrate 1	1.248676421
Q9H788	SH2D4A	SH2 domain-containing protein 4A	1.247815744
Q8IWC1	MAP7D3	MAP7 domain-containing protein 3	1.247372034
P43115	PTGER3	Prostaglandin E2 receptor EP3 subtype	1.246879059
Q6ZN18	AEBP2	Zinc finger protein AEBP2	1.24648453
Q8NI35	PATJ	InaD-like protein	1.24623144
Q9Y4F5	CEP170B	Centrosomal protein of 170 kDa protein B	1.245492435

Q8N128	FAM177A1	Protein FAM177A1	1.245199779
Q7L4I2	RSRC2	Arginine/serine-rich coiled-coil protein 2	1.244248862
P07205	PGK2	Phosphoglycerate kinase 2	1.243494777
Q13573	SNW1	SNW domain-containing protein 1	1.242602105
Q15678	PTPN14	Tyrosine-protein phosphatase non-receptor type 14	1.241718451
Q9Y316	MEMO1	Protein MEMO1	1.241687677
Q15398	DLGAP5	Disks large-associated protein 5	1.241359914
P29373	CRABP2	Cellular retinoic acid-binding protein 2	1.239320246
Q9BW85	YJU2	YJU2 splicing factor homolog	1.238269443
P48047	ATP5O	ATP synthase subunit O, mitochondrial	1.23680797
P46937	YAP1	Transcriptional coactivator YAP1	1.236755164
Q8TF05	PPP4R1	Serine/threonine-protein phosphatase 4 regulatory subunit 1	1.235827235
P14174	MIF	Macrophage migration inhibitory factor	1.235406376
Q86YP4	GATAD2A	Transcriptional repressor p66-alpha	1.234582282
Q86V81	ALYREF	THO complex subunit 4	1.234053994
P23528	CFL1	Cofilin-1	1.233962302
Q9NQ88	TIGAR	Fructose-2,6-bisphosphatase TIGAR	1.233681399
P62249	RPS16	40S ribosomal protein S16	1.233594379
Q8N257	HIST3H2BB	Histone H2B type 3-B	1.23305659
Q9BSD7	NTPCR	Cancer-related nucleoside-triphosphatase	1.232872203
Q00059	TFAM	Transcription factor A, mitochondrial	1.232248125
Q16775	HAGH	Hydroxyacylglutathione hydrolase, mitochondrial	1.231666132
Q9UKY7	CDV3	Protein CDV3 homolog	1.23165581
Q15785	TOMM34	Mitochondrial import receptor subunit TOM34	1.230957984
Q5JU85	IQSEC2	IQ motif and SEC7 domain-containing protein 2	1.229717616
Q9NUQ6	SPATS2L	SPATS2-like protein	1.229699318
P13693	TPT1	Translationally-controlled tumor protein	1.228899859
Q9BW83	IFT27	Intraflagellar transport protein 27 homolog	1.227714854
Q9NSI2	FAM207A	Protein FAM207A	1.226779957
O75347	TBCA	Tubulin-specific chaperone A	1.225323104
Q9GZU8	FAM192A	Protein FAM192A	1.225214573
Q8WXX5	DNAJC9	DnaJ homolog subfamily C member 9	1.224468646
Q14241	ELOA	Elongin-A	1.22408387
Q96RU3	FNBP1	Formin-binding protein 1	1.223685746
Q92665	MRPS31	28S ribosomal protein S31, mitochondrial	1.22356098
Q7Z7A3	CTU1	Cytoplasmic tRNA 2-thiolation protein 1	1.222682175
Q5U5X0	LYRM7	Complex III assembly factor LYRM7	1.222460414
Q86SX3	TEDC1	Tubulin epsilon and delta complex protein 1	1.222402928
Q9Y605	MRFAP1	MORF4 family-associated protein 1	1.222054027
P67809	YBX1	Nuclease-sensitive element-binding protein 1	1.221098797
Q15056	EIF4H	Eukaryotic translation initiation factor 4H	1.22035531
P16104	H2AFX	Histone H2AX	1.220301231
Q6P597	KLC3	Kinesin light chain 3	1.220071365
O75438	NDUFB1	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1	1.218323423

O43869	OR2T1	Olfactory receptor 2T1	1.217257355
Q92890	UFD1	Ubiquitin recognition factor in ER-associated degradation protein 1	1.217034001
P49914	MTHFS	5-formyltetrahydrofolate cyclo-ligase	1.21680543
Q13310	PABPC4	Polyadenylate-binding protein 4	1.215944278
P62979	RPS27A	Ubiquitin-40S ribosomal protein S27a	1.215538359
P39019	RPS19	40S ribosomal protein S19	1.215411145
P11217	PYGM	Glycogen phosphorylase, muscle form	1.215091025
Q5T0J7	TEX35	Testis-expressed protein 35	1.214670339
P17844	DDX5	Probable ATP-dependent RNA helicase DDX5	1.214432238
P62854	RPS26	40S ribosomal protein S26	1.213852162
P04350	TUBB4A	Tubulin beta-4A chain	1.21345528
P52739	ZNF131	Zinc finger protein 131	1.213255521
P0DP23	CALM1	Calmodulin-1	1.212858704
O95858	TSPAN15	Tetraspanin-15	1.212515434
P49321	NASP	Nuclear autoantigenic sperm protein	1.212290647
Q92804	TAF15	TATA-binding protein-associated factor 2N	1.212153376
Q9UEW8	STK39	STE20/SPS1-related proline-alanine-rich protein kinase	1.211975842
P37108	SRP14	Signal recognition particle 14 kDa protein	1.211563615
P11387	TOP1	DNA topoisomerase 1	1.210311639
Q8NC51	SERBP1	Plasminogen activator inhibitor 1 RNA-binding protein	1.210131801
Q9NQ29	LUC7L	Putative RNA-binding protein Luc7-like 1	1.209813614
Q13185	CBX3	Chromobox protein homolog 3	1.209017436
Q9UHA3	RSL24D1	Probable ribosome biogenesis protein RLP24	1.208673628
P61586	RHOA	Transforming protein RhoA	1.208087113
P63173	RPL38	60S ribosomal protein L38	1.207837288
P31689	DNAJA1	DnaJ homolog subfamily A member 1	1.207619163
Q8NDD1	C1orf131	Uncharacterized protein C1orf131	1.207311341
Q8NEZ3	WDR19	WD repeat-containing protein 19	1.206519718
Q13228	SELENBP1	Methanethiol oxidase	1.206085953
Q15818	NPTX1	Neuronal pentraxin-1	1.205786198
Q96C90	PPP1R14B	Protein phosphatase 1 regulatory subunit 14B	1.204824062
Q8NEY1	NAV1	Neuron navigator 1	1.204636013
Q96F63	CCDC97	Coiled-coil domain-containing protein 97	1.20449852
O43252	PAPSS1	Bifunctional 3'-phosphoadenosine 5'-phosphosulfate synthase 1	1.204028572
Q3T8J9	GON4L	GON-4-like protein	1.203576735
Q9H5V9	CXorf56	UPF0428 protein CXorf56	1.203145848
O95817	BAG3	BAG family molecular chaperone regulator 3	1.203083931
Q16626	MEA1	Male-enhanced antigen 1	1.202481142
Q9Y3B7	MRPL11	39S ribosomal protein L11, mitochondrial	1.202303557
P39687	ANP32A	Acidic leucine-rich nuclear phosphoprotein 32 family member A	1.202219384
Q9Y4P1	ATG4B	Cysteine protease ATG4B	1.202163735
P02545	LMNA	Prelamin-A/C	1.201932112
O14979	HNRNPDL	Heterogeneous nuclear ribonucleoprotein D-like	1.201834809

P35269	GTF2F1	General transcription factor IIF subunit 1	1.201700967
Q9NRG1	PRTFDC1	Phosphoribosyltransferase domain-containing protein 1	1.201408167
P62829	RPL23	60S ribosomal protein L23	1.201268576
Q13885	TUBB2A	Tubulin beta-2A chain	1.200466376
Q66PJ3	ARL6IP4	ADP-ribosylation factor-like protein 6-interacting protein 4	1.200172608
Q3ZAQ7	VMA21	Vacuolar ATPase assembly integral membrane protein VMA21	0.832782621
Q9BUM1	G6PC3	Glucose-6-phosphatase 3	0.832725967
O94923	GLCE	D-glucuronyl C5-epimerase	0.832186111
Q7Z5Q5	POLN	DNA polymerase nu	0.831617641
P20742	PZP	Pregnancy zone protein	0.83152963
Q96RD7	PANX1	Pannexin-1	0.831370269
Q8TE02	ELP5	Elongator complex protein 5	0.831121022
Q7L3T8	PARS2	Probable proline--tRNA ligase, mitochondrial	0.8310823
P46977	STT3A	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3A	0.830559413
P78540	ARG2	Arginase-2, mitochondrial	0.830279359
Q9H9S5	FKRP	Fukutin-related protein	0.830261536
P00846	MT-ATP6	ATP synthase subunit a	0.829722048
Q9H3Z4	DNAJC5	DnaJ homolog subfamily C member 5	0.829547542
Q96E22	NUS1	Dehydrodolichyl diphosphate synthase complex subunit NUS1	0.829483844
O43915	VEGFD	Vascular endothelial growth factor D	0.828244645
Q9BRT2	UQCC2	Ubiquinol-cytochrome-c reductase complex assembly factor 2	0.827465918
Q9H5Q4	TFB2M	Dimethyladenosine transferase 2, mitochondrial	0.827235437
Q8NFV4	ABHD11	Protein ABHD11	0.826893135
Q86W28	NLRP8	NACHT, LRR and PYD domains-containing protein 8	0.826277232
Q9P0S3	ORMDL1	ORM1-like protein 1	0.826062828
Q14118	DAG1	Dystroglycan	0.825977351
Q9NXN4	GDAP2	Ganglioside-induced differentiation-associated protein 2	0.825404298
Q5BJH2	TMEM128	Transmembrane protein 128	0.824934367
Q92609	TBC1D5	TBC1 domain family member 5	0.823697208
Q5BJF2	TMEM97	Sigma intracellular receptor 2	0.823311651
P43003	SLC1A3	Excitatory amino acid transporter 1	0.823250869
P56282	POLE2	DNA polymerase epsilon subunit 2	0.823130724
Q8WV93	AFG1L	AFG1-like ATPase	0.823080349
P09493	TPM1	Tropomyosin alpha-1 chain	0.823067091
Q15051	IQCB1	IQ calmodulin-binding motif-containing protein 1	0.82273043
Q9H553	ALG2	Alpha-1,3/1,6-mannosyltransferase ALG2	0.821977555
Q15904	ATP6AP1	V-type proton ATPase subunit S1	0.821957119
Q8WV99	ZFAND2B	AN1-type zinc finger protein 2B	0.821795463
O00767	SCD	Acyl-CoA desaturase	0.818973335
Q14728	MFSD10	Major facilitator superfamily domain-containing protein 10	0.818263868

O43657	TSPAN6	Tetraspanin-6	0.817291474
P42262	GRIA2	Glutamate receptor 2	0.817046231
Q9UIS9	MBD1	Methyl-CpG-binding domain protein 1	0.816872887
Q9UFH2	DNAH17	Dynein heavy chain 17, axonemal	0.815786939
Q96GJ1	TRMT2B	tRNA (uracil(54)-C(5))-methyltransferase homolog	0.814785738
Q07075	ENPEP	Glutamyl aminopeptidase	0.814424154
Q9H9H4	VPS37B	Vacuolar protein sorting-associated protein 37B	0.813843603
P61803	DAD1	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1	0.813294932
Q7Z3Z4	PIWIL4	Piwi-like protein 4	0.812560233
Q8NHP8	PLBD2	Putative phospholipase B-like 2	0.812152256
Q8N2K0	ABHD12	Monoacylglycerol lipase ABHD12	0.812047838
P07996	THBS1	Thrombospondin-1	0.811844003
O75449	KATNA1	Katanin p60 ATPase-containing subunit A1	0.811064652
Q12770	SCAP	Sterol regulatory element-binding protein cleavage-activating protein	0.811015248
Q9P2W1	PSMC3IP	Homologous-pairing protein 2 homolog	0.810824422
O00584	RNASET2	Ribonuclease T2	0.810520464
Q9NRM1	ENAM	Enamelin	0.810374692
P56134	ATP5J2	ATP synthase subunit f, mitochondrial	0.809812941
Q69YH5	CDCA2	Cell division cycle-associated protein 2	0.809240805
Q15118	PDK1	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 1, mitochondrial	0.807523833
P18085	ARF4	ADP-ribosylation factor 4	0.807086646
Q5JSL3	DOCK11	Dedicator of cytokinesis protein 11	0.805761678
Q14108	SCARB2	Lysosome membrane protein 2	0.804760212
Q9H6K4	OPA3	Optic atrophy 3 protein	0.804190461
Q9Y221	NIP7	60S ribosome subunit biogenesis protein NIP7 homolog	0.803863387
Q9H2D1	SLC25A32	Mitochondrial folate transporter/carrier	0.803467367
Q86TJ2	TADA2B	Transcriptional adapter 2-beta	0.803350941
P12645	BMP3	Bone morphogenetic protein 3	0.802466945
Q8WTV0	SCARB1	Scavenger receptor class B member 1	0.801482955
Q9Y6K0	CEPT1	Choline/ethanolaminephosphotransferase 1	0.801353643
P12235	SLC25A4	ADP/ATP translocase 1	0.79831037
Q16563	SYPL1	Synaptophysin-like protein 1	0.798075113
P13645	KRT10	Keratin, type I cytoskeletal 10	0.797779412
Q9Y3E0	GOLT1B	Vesicle transport protein GOT1B	0.797708279
P02549	SPTA1	Spectrin alpha chain, erythrocytic 1	0.797692713
O43861	ATP9B	Probable phospholipid-transporting ATPase IIB	0.797331906
Q8IZ40	RCOR2	REST corepressor 2	0.797242036
Q99640	PKMYT1	Membrane-associated tyrosine- and threonine-specific cdc2-inhibitory kinase	0.797195019
Q8N3A8	PARP8	Poly [ADP-ribose] polymerase 8	0.797117318
Q9Y5B6	PAXBP1	PAX3- and PAX7-binding protein 1	0.795897418
Q8IV08	PLD3	Phospholipase D3	0.793494531
P32926	DSG3	Desmoglein-3	0.792615884

Q9Y3C1	NOP16	Nucleolar protein 16	0.78827528
Q9H3U5	MFSD1	Major facilitator superfamily domain-containing protein 1	0.787879985
P18440	NAT1	Arylamine N-acetyltransferase 1	0.787215966
Q0P6H9	TMEM62	Transmembrane protein 62	0.787004516
Q6IE37	OVOS1	Ovostatin homolog 1	0.785739729
P14854	COX6B1	Cytochrome c oxidase subunit 6B1	0.78573252
Q7LGC8	CHST3	Carbohydrate sulfotransferase 3	0.785139337
Q9UIU6	SIX4	Homeobox protein SIX4	0.785034589
Q8NF50	DOCK8	Dedicator of cytokinesis protein 8	0.783660065
P35527	KRT9	Keratin, type I cytoskeletal 9	0.777007683
Q9NVV0	TMEM38B	Trimeric intracellular cation channel type B	0.776968774
Q8WV60	PTCD2	Pentatricopeptide repeat-containing protein 2, mitochondrial	0.774537651
P55160	NCKAP1L	Nck-associated protein 1-like	0.769948494
A6NJI9	LRRC72	Leucine-rich repeat-containing protein 72	0.769321389
Q96E29	MTERF3	Transcription termination factor 3, mitochondrial	0.7684804
Q14703	MBTPS1	Membrane-bound transcription factor site-1 protease	0.764019643
Q8WV22	NSMCE1	Non-structural maintenance of chromosomes element 1 homolog	0.762571266
P02533	KRT14	Keratin, type I cytoskeletal 14	0.762261094
Q99683	MAP3K5	Mitogen-activated protein kinase kinase kinase 5	0.760636019
Q8N2E2	VWDE	von Willebrand factor D and EGF domain-containing protein	0.75919479
Q658P3	STEAP3	Metalloreductase STEAP3	0.754495043
Q9NR77	PXMP2	Peroxisomal membrane protein 2	0.75430007
Q9H061	TMEM126A	Transmembrane protein 126A	0.753290141
A2RU67	FAM234B	Protein FAM234B	0.751353893
Q9Y5L4	TIMM13	Mitochondrial import inner membrane translocase subunit Tim13	0.746474784
O75385	ULK1	Serine/threonine-protein kinase ULK1	0.742344796
Q9BY50	SEC11C	Signal peptidase complex catalytic subunit SEC11C	0.740168839
P02042	HBD	Hemoglobin subunit delta	0.738533281
Q14534	SQLE	Squalene monooxygenase	0.738456958
P30536	TSPO	Translocator protein	0.734624502
Q9P2K6	KLHL42	Kelch-like protein 42	0.733512268
P02768	ALB	Serum albumin	0.731421853
Q4W5G0	TIGD2	Tigger transposable element-derived protein 2	0.729096849
Q6UX72	B3GNT9	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 9	0.716845933
Q96BM9	ARL8A	ADP-ribosylation factor-like protein 8A	0.715510626
P57057	SLC37A1	Glucose-6-phosphate exchanger SLC37A1	0.713464264
Q9UJX2	CDC23	Cell division cycle protein 23 homolog	0.710770783
O15050	TRANK1	TPR and ankyrin repeat-containing protein 1	0.708247483
Q02413	DSG1	Desmoglein-1	0.707750707
P28330	ACADL	Long-chain specific acyl-CoA dehydrogenase, mitochondrial	0.707497167

P80365	HSD11B2	Corticosteroid 11-beta-dehydrogenase isozyme 2	0.700629987
Q9P003	CNIH4	Protein cornichon homolog 4	0.696978494
Q92564	DCUN1D4	DCN1-like protein 4	0.691796699
Q9NX00	TMEM160	Transmembrane protein 160	0.685147795
Q96EU6	RRP36	Ribosomal RNA processing protein 36 homolog	0.680711277
P78332	RBM6	RNA-binding protein 6	0.656667186
P04264	KRT1	Keratin, type II cytoskeletal 1	0.656660409
P21860	ERBB3	Receptor tyrosine-protein kinase erbB-3	0.643736939
P08779	KRT16	Keratin, type I cytoskeletal 16	0.633121401
Q5HY64	FAM47C	Putative protein FAM47C	0.625502861
P13647	KRT5	Keratin, type II cytoskeletal 5	0.611197075
P51786	ZNF157	Zinc finger protein 157	0.586087661
P48668	KRT6C	Keratin, type II cytoskeletal 6C	0.56390028
Q92858	ATOH1	Protein atonal homolog 1	0.561748688
Q9UL62	TRPC5	Short transient receptor potential channel 5	0.560397651
P78369	CLDN10	Claudin-10	0.553699125
Q9H8M5	CNNM2	Metal transporter CNNM2	0.537252179
O95674	CDS2	Phosphatidate cytidyltransferase 2	0.490415498
