

**Elucidating the cellular response of silver nanoparticles as a potential combinatorial agent for cisplatin chemotherapy**

**Additional File 3**

List of proteins deregulated in THLE2 cells after 24h exposure to CDDP 10  $\mu$ M..... pages 1 – 18

List of proteins deregulated in THLE2 cells after 24h exposure to AgNP 3.5  $\mu$ g/mL + CDDP 10  $\mu$ M ..... pages 19 – 48

List of proteins deregulated in THLE2 cells after 24h exposure to CDDP 10 mM

ID	Symbol	Expr Log Ratio	Entrez Gene Name
Q2M2I8	AAK1	-0.214	AP2 associated kinase 1
Q9NRN7	AASDHPPT	0.23	aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase
P33897	ABCD1	0.27	ATP binding cassette subfamily D member 1
Q9NUJ1	ABHD10	0.203	abhydrolase domain containing 10
Q12979	ABR	-0.213	ABR activator of RhoGEF and GTPase
Q9ULW3	ABT1	-0.231	activator of basal transcription 1
P42765	ACAA2	0.189	acetyl-CoA acyltransferase 2
Q13085-4	ACACA	-0.263	acetyl-CoA carboxylase alpha
Q9UKV3-5	ACIN1	0.152	apoptotic chromatin condensation inducer 1
Q86TX2	ACOT1	0.259	acyl-CoA thioesterase 1
P11117	ACP2	0.198	acid phosphatase 2, lysosomal
P33121	ACSL1	0.153	acyl-CoA synthetase long chain family member 1
O43707	ACTN4	-0.235	actinin alpha 4
O14672	ADAM10	-0.219	ADAM metallopeptidase domain 10
P11766	ADH5	0.196	alcohol dehydrogenase 5 (class III), chi polypeptide
Q16186	ADRM1	0.187	adhesion regulating molecule 1
Q8N556-2	AFAP1	-0.311	actin filament associated protein 1
Q9UHB7-1	AFF4	0.185	AF4/FMR2 family member 4
O00468	AGRN	-0.381	agrin
Q9BRQ8	AIFM2	0.274	apoptosis inducing factor mitochondria associated 2
Q9UIJ7-1	AK3	0.223	adenylate kinase 3
P27144	AK4	0.129	adenylate kinase 4
Q9UKA4	AKAP11	-0.233	A-kinase anchoring protein 11
Q02952-1	AKAP12	-0.274	A-kinase anchoring protein 12
O43488	AKR7A2	0.182	aldo-keto reductase family 7 member A2
Q13740	ALCAM	-0.225	activated leukocyte cell adhesion molecule
P30837	ALDH1B1	0.178	aldehyde dehydrogenase 1 family member B1
P49189	ALDH9A1	0.192	aldehyde dehydrogenase 9 family member A1
Q86SJ2	AMIGO2	-0.162	adhesion molecule with Ig like domain 2
Q9BY76	ANGPTL4	-0.664	angiopoietin like 4
Q8IWZ3-6	ANKHD1/ANKHD1-EIF4EBP3	-0.183	ankyrin repeat and KH domain containing 1
Q9NQW6	ANLN	0.349	anillin actin binding protein
P58335-1	ANTXR2	-0.688	ANTXR cell adhesion molecule 2
P07355-2	ANXA2	-0.233	annexin A2
Q06481	APLP2	-0.285	amyloid beta precursor like protein 2
Q9NRW3	APOBEC3C	0.41	apolipoprotein B mRNA editing enzyme catalytic subunit 3C
P05067	APP	-0.644	amyloid beta precursor protein
Q96P48-6	ARAP1	-0.184	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1

A1A4S6	ARHGAP10	-0.387	Rho GTPase activating protein 10
Q8N392	ARHGAP18	-0.247	Rho GTPase activating protein 18
O15013	ARHGEF10	-0.257	Rho guanine nucleotide exchange factor 10
Q9NZN5	ARHGEF12	-0.198	Rho guanine nucleotide exchange factor 12
Q8NFD5-3	ARID1B	-0.481	AT-rich interaction domain 1B
O43150-1	ASAP2	-0.225	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2
Q8N9N2-2	ASCC1	-0.605	activating signal cointegrator 1 complex subunit 1
Q9H1I8-1	ASCC2	-0.496	activating signal cointegrator 1 complex subunit 2
Q8N3C0	ASCC3	-0.55	activating signal cointegrator 1 complex subunit 3
Q9NVP2	ASF1B	0.261	anti-silencing function 1B histone chaperone
O95352	ATG7	-0.276	autophagy related 7
O00244	ATOX1	0.312	antioxidant 1 copper chaperone
P05026	ATP1B1	0.163	ATPase Na <sup>+</sup> /K <sup>+</sup> transporting subunit beta 1
P23634-1	ATP2B4	-0.22	ATPase plasma membrane Ca <sup>2+</sup> transporting 4
P56381	ATP5F1E	0.327	ATP synthase F1 subunit epsilon
Q9UII2	ATP5IF1	0.443	ATP synthase inhibitory factor subunit 1
P0C7T5	ATXN1L	0.311	ataxin 1 like
Q96GD4-5	AURKB	0.266	aurora kinase B
P30530	AXL	-0.357	AXL receptor tyrosine kinase
P61769	B2M	0.254	beta-2-microglobulin
Q9NXR7-2	BABAM2	-0.197	BRISC and BRCA1 A complex member 2
O95816	BAG2	0.175	BCL2 associated athanogene 2
Q8WY36	BBX	-0.39	BBX high mobility group box domain containing
P51572-2	BCAP31	0.162	B cell receptor associated protein 31
O75815-1	BCAR3	-0.739	BCAR3 adaptor protein, NSP family member
O75934	BCAS2	0.19	BCAS2 pre-mRNA processing factor
Q9NYF8-1	BCLAF1	0.283	BCL2 associated transcription factor 1
Q9H694	BICC1	-0.491	BicC family RNA binding protein 1
Q9NR09	BIRC6	-0.359	baculoviral IAP repeat containing 6
Q14692	BMS1	-0.248	BMS1 ribosome biogenesis factor
Q7KYR7	BTN2A1	0.406	butyrophilin subfamily 2 member A1
Q8N5I9	C12orf45	0.424	chromosome 12 open reading frame 45
Q8N3J3	C17orf53	0.361	chromosome 17 open reading frame 53
Q9GZN8-2	C20orf27	-0.191	chromosome 20 open reading frame 27
Q9BVC5	C2orf49	0.22	chromosome 2 open reading frame 49
P01024	C3	-0.342	complement C3
P0C0L4-1	C4A/C4B	-0.431	complement C4A (Rodgers blood group)
Q49AR2	C5orf22	0.417	chromosome 5 open reading frame 22
Q9BRJ6	C7orf50	-0.442	chromosome 7 open reading frame 50
P40123	CAP2	-0.132	cyclase associated actin cytoskeleton regulatory protein 2
Q5VZK9	CARMIL1	-0.329	capping protein regulator and myosin 1 linker 1
O14936	CASK	-0.213	calcium/calmodulin dependent serine protein kinase
P29466	CASP1	0.151	caspase 1
P42575	CASP2	0.283	caspase 2
P42574	CASP3	0.221	caspase 3
P04040	CAT	0.203	catalase
O95810	CAVIN2	0.278	caveolae associated protein 2

P45973	CBX5	0.258	chromobox 5
Q8N163-1	CCAR2	0.145	cell cycle and apoptosis regulator 2
Q6PK04	CCDC137	-0.395	coiled-coil domain containing 137
Q7Z3E2	CCDC186	0.233	coiled-coil domain containing 186
Q9Y6R9	CCDC61	-0.954	coiled-coil domain containing 61
Q76M96-2	CCDC80	-0.846	coiled-coil domain containing 80
O00622	CCN1	-0.881	cellular communication network factor 1
P29279	CCN2	-0.658	cellular communication network factor 2
P20248	CCNA2	0.279	cyclin A2
P24385	CCND1	-0.896	cyclin D1
O95273-1	CCNDBP1	0.766	cyclin D1 binding protein 1
O60563	CCNT1	0.369	cyclin T1
O14618	CCS	0.245	copper chaperone for superoxide dismutase
P48643	CCT5	0.148	chaperonin containing TCP1 subunit 5
P40227	CCT6A	0.163	chaperonin containing TCP1 subunit 6A
Q6YHK3	CD109	-0.188	CD109 molecule
O95400	CD2BP2	0.257	CD2 cytoplasmic tail binding protein 2
P21926	CD9	0.201	CD9 molecule
Q12834	CDC20	-0.196	cell division cycle 20
O75419-3	CDC45	0.35	cell division cycle 45
O00311	CDC7	0.35	cell division cycle 7
Q96FF9	CDCA5	0.806	cell division cycle associated 5
P19022	CDH2	-0.172	cadherin 2
P06493	CDK1	0.339	cyclin dependent kinase 1
Q96SN8	CDK5RAP2	-0.41	CDK5 regulatory subunit associated protein 2
Q00534	CDK6	-0.174	cyclin dependent kinase 6
Q5VV42	CDKAL1	-0.593	CDK5 regulatory subunit associated protein 1 like 1
P46527	CDKN1B	-0.701	cyclin dependent kinase inhibitor 1B
Q8N726	CDKN2A	-0.384	cyclin dependent kinase inhibitor 2A
Q86X02	CDR2L	0.453	cerebellar degeneration related protein 2 like
Q02224	CENPE	-0.279	centromere protein E
Q7Z7K6-3	CENPV	0.235	centromere protein V
Q8TEP8-3	CEP192	-0.303	centrosomal protein 192
Q9Y5P4-3	CERT1	-0.241	ceramide transporter 1
O00748	CES2	0.416	carboxylesterase 2
P41208	CETN2	0.231	centrin 2
Q13112	CHAF1B	0.38	chromatin assembly factor 1 subunit B
Q96JM3	CHAMP1	0.251	chromosome alignment maintaining phosphoprotein 1
Q7LBR1	CHMP1B	0.291	charged multivesicular body protein 1B
Q9UHD1	CHORDC1	0.249	cysteine and histidine rich domain containing 1
P0CG13-1	CHTF8	0.34	chromosome transmission fidelity factor 8
Q9NZ45	CISD1	0.25	CDGSH iron sulfur domain 1
O14578-4	CIT	-0.172	citron rho-interacting serine/threonine kinase
Q8WWK9-5	CKAP2	0.727	cytoskeleton associated protein 2
Q8IYA6	CKAP2L	0.175	cytoskeleton associated protein 2 like
Q07065	CKAP4	0.156	cytoskeleton associated protein 4
P61024	CKS1B	0.394	CDC28 protein kinase regulatory subunit 1B

Q7Z460-4	CLASP1	-0.22	cytoplasmic linker associated protein 1
P49759-3	CLK1	0.309	CDC like kinase 1
Q9H6B4	CLMP	-0.457	CXADR like membrane protein
O75503	CLN5	0.174	CLN5 intracellular trafficking protein
Q92989	CLP1	0.389	cleavage and polyadenylation factor I subunit 1
Q9HAW4	CLSPN	0.325	claspin
O94985-1	CLSTN1	-0.381	calsyntenin 1
O75153	CLUH	-0.169	clustered mitochondria homolog
Q8NFW8	CMAS	0.331	cytidine monophosphate N-acetylneuraminic acid synthetase
Q96DG6	CMBL	0.41	carboxymethylenebutenolidase homolog
Q9BQ75	CMSS1	-0.352	cms1 ribosomal small subunit homolog
P09543-1	CNP	0.327	2',3'-cyclic nucleotide 3' phosphodiesterase
Q9NYJ1-2	COA4	-0.199	cytochrome c oxidase assembly factor 4 homolog
Q96BR5	COA7	0.199	cytochrome c oxidase assembly factor 7 (putative)
Q9UP83-2	COG5	-0.338	component of oligomeric golgi complex 5
P38432	COIL	0.339	coilin
P02452	COL1A1	-0.554	collagen type I alpha 1 chain
P02462	COL4A1	-0.352	collagen type IV alpha 1 chain
P08572	COL4A2	-0.497	collagen type IV alpha 2 chain
Q8NI60-1	COQ8A	0.361	coenzyme Q8A
P13073	COX4I1	0.216	cytochrome c oxidase subunit 4I1
P14406	COX7A2	0.298	cytochrome c oxidase subunit 7A2
P15954	COX7C	0.214	cytochrome c oxidase subunit 7C
O75976	CPD	-0.149	carboxypeptidase D
Q99829	CPNE1	0.191	copine 1
P31327-3	CPS1	-0.246	carbamoyl-phosphate synthase 1
Q8N684-3	CPSF7	0.161	cleavage and polyadenylation specific factor 7
P23786	CPT2	0.296	carnitine palmitoyltransferase 2
P43155	CRAT	0.211	carnitine O-acetyltransferase
O75629	CREG1	0.189	cellular repressor of E1A stimulated genes 1
Q9NZV1	CRIM1	-0.512	cysteine rich transmembrane BMP regulator 1
P52943	CRIP2	0.257	cysteine rich protein 2
O75534-4	CSDE1	-0.199	cold shock domain containing E1
Q16527	CSRP2	0.286	cysteine and glycine rich protein 2
Q05048	CSTF1	0.163	cleavage stimulation factor subunit 1
O43310-2	CTIF	-0.418	cap binding complex dependent translation initiation factor
P35222	CTNNB1	-0.215	catenin beta 1
P07339	CTSD	0.269	cathepsin D
P42830	CXCL5	-0.647	C-X-C motif chemokine ligand 5
Q9UHQ9	CYB5R1	0.213	cytochrome b5 reductase 1
Q9NV06	DCAF13	-0.28	DDB1 and CUL4 associated factor 13
Q58WW2	DCAF6	-0.653	DDB1 and CUL4 associated factor 6
Q96PD2-2	DCBLD2	-0.313	discoidin, CUB and LCCL domain containing 2
Q7Z4W1	DCXR	0.19	dicarbonyl and L-xylulose reductase
Q92466	DDB2	0.489	damage specific DNA binding protein 2
Q13206	DDX10	-0.262	DEAD-box helicase 10
Q92841	DDX17	-0.151	DEAD-box helicase 17

Q9H8H2	DDX31	-0.276	DEAD-box helicase 31
Q9UJV9	DDX41	0.167	DEAD-box helicase 41
Q9Y6V7	DDX49	-0.271	DEAD-box helicase 49
P17844	DDX5	-0.156	DEAD-box helicase 5
Q9NY93	DDX56	-0.522	DEAD-box helicase 56
O43583	DENR	0.321	density regulated re-initiation and release factor
Q8WYQ5-1	DGCR8	0.336	DGCR8 microprocessor complex subunit
Q6UWP2	DHRS11	0.291	dehydrogenase/reductase 11
Q8IY37	DHX37	-0.144	DEAH-box helicase 37
Q6P158-1	DHX57	-0.233	DExH-box helicase 57
O60879	DIAPH2	-0.343	diaphanous related formin 2
Q9NSV4	DIAPH3	-0.507	diaphanous related formin 3
Q9UNQ2	DIMT1	-0.232	DIMT1 rRNA methyltransferase and ribosome maturation factor
Q9P265	DIP2B	-0.268	disco interacting protein 2 homolog B
Q8IYB7	DIS3L2	-0.256	DIS3 like 3'-5' exoribonuclease 2
O94907	DKK1	-0.405	dickkopf WNT signaling pathway inhibitor 1
P09622	DLD	0.228	dihydrolipoamide dehydrogenase
Q86Y56	DNAAF5	-0.234	dynein axonemal assembly factor 5
P31689	DNAJA1	0.182	DnaJ heat shock protein family (Hsp40) member A1
P25685	DNAJB1	0.23	DnaJ heat shock protein family (Hsp40) member B1
Q96KC8	DNAJC1	-0.177	DnaJ heat shock protein family (Hsp40) member C1
Q96DA6	DNAJC19	0.3	DnaJ heat shock protein family (Hsp40) member C19
Q8WXX5	DNAJC9	0.24	DnaJ heat shock protein family (Hsp40) member C9
Q6XZF7	DNMBP	-0.258	dynamamin binding protein
P26358-1	DNMT1	-0.218	DNA methyltransferase 1
Q8N110-3	DOCK4	-0.363	dedicator of cytokinesis 4
Q96N67	DOCK7	-0.187	dedicator of cytokinesis 7
Q9BZ29-4	DOCK9	-0.258	dedicator of cytokinesis 9
Q14919-2	DRAP1	0.212	DR1 associated protein 1
P15924-1	DSP	-0.202	desmoplakin
Q03001-7	DST	-0.363	dystonin
Q9BVJ7	DUSP23	-0.155	dual specificity phosphatase 23
Q92997	DVL3	0.256	dishevelled segment polarity protein 3
O75923-13	DYSF	-0.316	dysferlin
P42892	ECE1	-0.175	endothelin converting enzyme 1
Q13011	ECH1	0.222	enoyl-CoA hydratase 1
O75521	ECI2	0.229	enoyl-CoA delta isomerase 2
Q9BZQ6	EDEM3	-0.217	ER degradation enhancing alpha-mannosidase like protein 3
P29692-2	EEF1D	0.256	eukaryotic translation elongation factor 1 delta
O00418	EEF2K	-0.577	eukaryotic elongation factor 2 kinase
P57772	EEFSEC	-0.2	eukaryotic elongation factor, selenocysteine-tRNA specific
Q12805	EFEMP1	-0.478	EGF containing fibulin extracellular matrix protein 1
P98172	EFNB1	0.271	ephrin B1
P52799	EFNB2	-0.247	ephrin B2
P00533-1	EGFR	-0.531	epidermal growth factor receptor
Q8N3D4	EHBP1L1	-0.196	EH domain binding protein 1 like 1
Q9H9B1	EHMT1	-0.328	euchromatic histone lysine methyltransferase 1

P19525	EIF2AK2	0.163	eukaryotic translation initiation factor 2 alpha kinase 2
P05198	EIF2S1	0.143	eukaryotic translation initiation factor 2 subunit alpha
P38919	EIF4A3	0.245	eukaryotic translation initiation factor 4A3
O43432-3	EIF4G3	-0.218	eukaryotic translation initiation factor 4 gamma 3
P11171-1	EPB41	-0.31	erythrocyte membrane protein band 4.1
O43491	EPB41L2	-0.126	erythrocyte membrane protein band 4.1 like 2
Q9UM22	EPDR1	0.518	ependymin related 1
Q9HCE0-1	EPG5	-0.218	ectopic P-granules autophagy protein 5 homolog
P29317	EPHA2	0.259	EPH receptor A2
P29323-3	EPHB2	-0.397	EPH receptor B2
P07099	EPHX1	0.249	epoxide hydrolase 1
Q8IUD2-1	ERC1	-0.372	ELKS/RAB6-interacting/CAST family member 1
O60447-2	EVI5	-0.328	ecotropic viral integration site 5
Q96A65	EXOC4	-0.383	exocyst complex component 4
Q9Y2D4	EXOC6B	-0.376	exocyst complex component 6B
Q9NQT5	EXOSC3	0.203	exosome component 3
Q06265-2	EXOSC9	0.167	exosome component 9
Q93063-3	EXT2	-0.23	exostosin glycosyltransferase 2
P00734	F2	-0.848	coagulation factor II, thrombin
P13726	F3	-0.386	coagulation factor III, tissue factor
O95864	FADS2	-0.314	fatty acid desaturase 2
Q9UNN5	FAF1	-0.473	Fas associated factor 1
Q6SJ93	FAM111B	0.559	family with sequence similarity 111 member B
Q9NSI2	FAM207A	-0.323	family with sequence similarity 207 member A
Q9H4H8	FAM83D	0.347	family with sequence similarity 83 member D
Q8WVX9	FAR1	-0.287	fatty acyl-CoA reductase 1
O95363	FARS2	-0.26	phenylalanyl-tRNA synthetase 2, mitochondrial
P25445	FAS	0.527	Fas cell surface death receptor
P49327	FASN	-0.17	fatty acid synthase
P23142	FBLN1	-0.43	fibulin 1
P35555	FBN1	-0.584	fibrillin 1
Q8N531-1	FBXL6	0.541	F-box and leucine rich repeat protein 6
Q8NEZ5	FBXO22	0.199	F-box protein 22
Q9Y324	FCF1	-0.292	FCF1 rRNA-processing protein
O94868	FCHSD2	-0.638	FCH and double SH3 domains 2
P37268	FDFT1	-0.364	farnesyl-diphosphate farnesyltransferase 1
P22570-3	FDXR	0.47	ferredoxin reductase
P22830-2	FECH	0.219	ferrochelatase
P39748	FEN1	0.327	flap structure-specific endonuclease 1
Q9UHY8-2	FEZ2	-0.439	fasciculation and elongation protein zeta 2
P02679	FGG	-0.665	fibrinogen gamma chain
Q2V2M9-4	FHOD3	-0.386	formin homology 2 domain containing 3
Q4L180	FILIP1L	0.63	filamin A interacting protein 1 like
Q14254	FLOT2	0.208	flotillin 2
Q96CP2	FLYWCH2	0.236	FLYWCH family member 2
Q96PY5-3	FMNL2	-0.642	formin like 2
P02751	FN1	-0.763	fibronectin 1

Q96RU3-1	FNBP1	-0.347	formin binding protein 1
Q53EP0	FNDC3B	-0.563	fibronectin type III domain containing 3B
Q5VW36	FOCAD	-0.155	focadhesin
P85037	FOXK1	-0.2	forkhead box K1
Q9P2Q2	FRMD4A	-0.37	FERM domain containing 4A
Q9BZ67	FRMD8	0.262	FERM domain containing 8
Q12841	FSTL1	-0.425	follistatin like 1
P02792	FTL	0.467	ferritin light chain
Q9C0B1-1	FTO	-0.293	FTO alpha-ketoglutarate dependent dioxygenase
P04066	FUCA1	0.319	alpha-L-fucosidase 1
Q9BTY2	FUCA2	0.235	alpha-L-fucosidase 2
Q9BYC5	FUT8	-0.217	fucosyltransferase 8
Q9BQS8-4	FYCO1	-0.393	FYVE and coiled-coil domain containing 1
P10253	GAA	0.226	glucosidase alpha, acid
Q86SR1	GALNT10	-0.255	polypeptide N-acetylgalactosaminyltransferase 10
Q10471	GALNT2	-0.158	polypeptide N-acetylgalactosaminyltransferase 2
Q14435	GALNT3	-0.211	polypeptide N-acetylgalactosaminyltransferase 3
Q86SF2	GALNT7	-0.198	polypeptide N-acetylgalactosaminyltransferase 7
Q92538	GBF1	-0.252	golgi brefeldin A resistant guanine nucleotide exchange factor 1
Q99988	GDF15	0.73	growth differentiation factor 15
P17302	GJA1	-0.278	gap junction protein alpha 1
P32189-3	GK	0.145	glycerol kinase
P06280	GLA	0.316	galactosidase alpha
Q92896-2	GLG1	-0.203	golgi glycoprotein 1
Q04760-1	GLO1	0.231	glyoxalase I
O76003	GLRX3	-0.289	glutaredoxin 3
P00367	GLUD1	0.155	glutamate dehydrogenase 1
P15104	GLUL	0.415	glutamate-ammonia ligase
P17900	GM2A	0.338	GM2 ganglioside activator
O60547	GMDS	-0.275	GDP-mannose 4,6-dehydratase
O75496	GMNN	0.485	geminin DNA replication inhibitor
Q14344	GNA13	0.233	G protein subunit alpha 13
P50148	GNAQ	-0.253	G protein subunit alpha q
P62879	GNB2	0.206	G protein subunit beta 2
P61952	GNG11	0.725	G protein subunit gamma 11
P63218	GNG5	0.357	G protein subunit gamma 5
Q13823	GNL2	-0.157	G protein nucleolar 2
Q9BVP2	GNL3	-0.324	G protein nucleolar 3
P15586	GNS	0.172	glucosamine (N-acetyl)-6-sulfatase
P35052	GPC1	0.506	glypican 1
Q9Y625	GPC6	-0.686	glypican 6
Q9NQX3-2	GPHN	-0.311	gephyrin
Q8NFJ5	GPRC5A	0.327	G protein-coupled receptor class C group 5 member A
Q13322-1	GRB10	-0.526	growth factor receptor bound protein 10
P62993	GRB2	-0.339	growth factor receptor bound protein 2
O60565	GREM1	-0.526	gremlin 1, DAN family BMP antagonist
Q8NEC7-1	GSTCD	-0.251	glutathione S-transferase C-terminal domain containing

P28161	GSTM2	0.198	glutathione S-transferase mu 2
P78417	GSTO1	0.194	glutathione S-transferase omega 1
P09211	GSTP1	0.222	glutathione S-transferase pi 1
P13984	GTF2F2	-0.285	general transcription factor IIF subunit 2
Q9BZE4	GTPBP4	-0.212	GTP binding protein 4
Q9NYZ3	GTSE1	0.301	G2 and S-phase expressed 1
P0C0S5	H2AZ1	0.208	H2A.Z variant histone 1
P40939	HADHA	0.219	hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit alpha
P55084	HADHB	0.169	hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit beta
O14929	HAT1	0.197	histone acetyltransferase 1
Q00341	HDLBP	-0.217	high density lipoprotein binding protein
Q5T447	HECTD3	-0.171	HECT domain E3 ubiquitin protein ligase 3
P07686	HEXB	0.217	hexosaminidase subunit beta
O94992	HEXIM1	0.569	HEXIM P-TEFb complex subunit 1
P04439	HLA-A	0.188	major histocompatibility complex, class I, A
P01889	HLA-B	0.289	major histocompatibility complex, class I, B
P30481	HLA-B	0.331	major histocompatibility complex, class I, B
P20039	HLA-DRB1	0.239	major histocompatibility complex, class II, DR beta 1
Q14527	HLTF	-0.337	helicase like transcription factor
P09429	HMGB1	0.278	high mobility group box 1
P35914	HMGCL	0.228	3-hydroxy-3-methylglutaryl-CoA lyase
P05204	HMGN2	0.302	high mobility group nucleosomal binding domain 2
O00479	HMGN4	0.308	high mobility group nucleosomal binding domain 4
O75330-3	HMMR	0.215	hyaluronan mediated motility receptor
P09601	HMOX1	-0.177	heme oxygenase 1
Q1KMD3	HNRNPUL2	0.195	heterogeneous nuclear ribonucleoprotein U like 2
P0DMV9	HSPA1A/HSPA1B	0.236	heat shock protein family A (Hsp70) member 1A
P54652	HSPA2	0.287	heat shock protein family A (Hsp70) member 2
O95757	HSPA4L	0.24	heat shock protein family A (Hsp70) member 4 like
P61604	HSPE1	0.351	heat shock protein family E (Hsp10) member 1
P98160	HSPG2	-0.419	heparan sulfate proteoglycan 2
Q9BUP3-3	HTATIP2	0.269	HIV-1 Tat interactive protein 2
Q92743	HTRA1	-0.527	HtrA serine peptidase 1
Q7Z6Z7	HUWE1	-0.248	HECT, UBA and WWE domain containing E3 ubiquitin protein ligase 1
P50213	IDH3A	0.148	isocitrate dehydrogenase (NAD(+)) 3 catalytic subunit alpha
Q16666-1	IFI16	0.205	interferon gamma inducible protein 16
P80217-2	IFI35	0.23	interferon induced protein 35
P09914	IFIT1	0.243	interferon induced protein with tetratricopeptide repeats 1
P09913	IFIT2	0.446	interferon induced protein with tetratricopeptide repeats 2
O14879	IFIT3	0.536	interferon induced protein with tetratricopeptide repeats 3
Q9NZI8	IGF2BP1	-0.205	insulin like growth factor 2 mRNA binding protein 1
Q9Y6M1	IGF2BP2	-0.238	insulin like growth factor 2 mRNA binding protein 2
P11717	IGF2R	-0.278	insulin like growth factor 2 receptor
P40189	IL6ST	-0.208	interleukin 6 signal transducer
P29218-3	IMPA1	0.226	inositol monophosphatase 1
Q9NQS7	INCENP	0.2	inner centromere protein
Q6DN90	IQSEC1	-0.34	IQ motif and Sec7 domain ArfGEF 1

Q9Y616	IRAK3	-0.265	interleukin 1 receptor associated kinase 3
Q8IU81	IRF2BP1	0.184	interferon regulatory factor 2 binding protein 1
Q9H1B7	IRF2BPL	0.394	interferon regulatory factor 2 binding protein like
P35568	IRS1	-0.203	insulin receptor substrate 1
Q9BUE6-2	ISCA1	0.297	iron-sulfur cluster assembly 1
Q9H9L3	ISG20L2	-0.46	interferon stimulated exonuclease gene 20 like 2
Q96J02	ITCH	-0.24	itchy E3 ubiquitin protein ligase
P26006	ITGA3	-0.236	integrin subunit alpha 3
P18084	ITGB5	-0.186	integrin subunit beta 5
P19827	ITIH1	-0.674	inter-alpha-trypsin inhibitor heavy chain 1
Q14571	ITPR2	-0.325	inositol 1,4,5-trisphosphate receptor type 2
Q9Y6Y0	IVNS1ABP	-0.252	influenza virus NS1A binding protein
P23458	JAK1	-0.309	Janus kinase 1
O95251-1	KAT7	0.278	lysine acetyltransferase 7
Q9Y2K7	KDM2A	0.527	lysine demethylase 2A
Q92945	KHSRP	0.137	KH-type splicing regulatory protein
Q5T5P2-1	KIAA1217	-0.189	KIAA1217
Q9BY89-1	KIAA1671	-0.559	KIAA1671
Q9ULH0-1	KIDINS220	-0.263	kinase D interacting substrate 220
P52732	KIF11	0.32	kinesin family member 11
Q9H1H9	KIF13A	-0.299	kinesin family member 13A
Q9NQT8	KIF13B	-0.262	kinesin family member 13B
O95235	KIF20A	0.163	kinesin family member 20A
Q14807	KIF22	0.313	kinesin family member 22
Q99661	KIF2C	0.315	kinesin family member 2C
Q96EK5	KIFBP	0.165	kinesin family binding protein
Q9BW19	KIFC1	0.232	kinesin family member C1
Q9NSK0-3	KLC4	0.201	kinesin light chain 4
P50748	KNTC1	-0.163	kinetochore associated 1
Q14533	KRT81	-0.703	keratin 81
O15230	LAMA5	-0.617	laminin subunit alpha 5
P07942	LAMB1	-0.345	laminin subunit beta 1
P11047	LAMC1	-0.35	laminin subunit gamma 1
Q13753	LAMC2	-0.341	laminin subunit gamma 2
Q6IAA8	LAMTOR1	0.137	late endosomal/lysosomal adaptor, MAPK and MTOR activator 1
P01130	LDLR	-0.526	low density lipoprotein receptor
Q99538	LGMN	0.156	legumain
Q9UPQ0	LIMCH1	-0.459	LIM and calponin homology domains 1
Q86WA8	LONP2	-0.277	lon peptidase 2, peroxisomal
Q9Y4K0	LOXL2	-0.585	lysyl oxidase like 2
Q93052	LPP	-0.31	LIM domain containing preferred translocation partner in lipoma
P50851-2	LRBA	-0.327	LPS responsive beige-like anchor protein
Q9Y2L9-3	LRCH1	-0.218	leucine rich repeats and calponin homology domain containing 1
Q96I18-2	LRCH3	-0.187	leucine rich repeats and calponin homology domain containing 3
Q07954	LRP1	-0.366	LDL receptor related protein 1
Q6UWE0	LRSAM1	-0.249	leucine rich repeat and sterile alpha motif containing 1
Q3MHD2-2	LSM12	0.164	LSM12 homolog

Q9BX40	LSM14B	0.309	LSM family member 14B
Q14766-4	LTBP1	-0.705	latent transforming growth factor beta binding protein 1
Q9Y383	LUC7L2	0.247	LUC7 like 2, pre-mRNA splicing factor
O95232	LUC7L3	0.333	LUC7 like 3 pre-mRNA splicing factor
P07948-1	LYN	-0.255	LYN proto-oncogene, Src family tyrosine kinase
O95372	LYPLA2	0.219	lysophospholipase 2
Q9UPN3	MACF1	-0.307	microtubule actin crosslinking factor 1
O75367	MACROH2A1	0.167	macroH2A.1 histone
Q9Y6D9	MAD1L1	-0.247	mitotic arrest deficient 1 like 1
Q8WXG6-4	MADD	0.172	MAP kinase activating death domain
Q9ULX9	MAFF	0.617	MAF bZIP transcription factor F
P46821	MAP1B	-0.172	microtubule associated protein 1B
Q9Y6R4-1	MAP3K4	-0.2	mitogen-activated protein kinase kinase kinase 4
P27816-1	MAP4	-0.207	microtubule associated protein 4
Q8IVH8	MAP4K3	-0.232	mitogen-activated protein kinase kinase kinase kinase 3
Q16644	MAPKAPK3	-0.169	MAPK activated protein kinase 3
P49006	MARCKSL1	0.352	MARCKS like 1
Q96GX5	MASTL	0.427	microtubule associated serine/threonine kinase like
Q9NZL9	MAT2B	0.195	methionine adenosyltransferase 2B
P43121	MCAM	0.175	melanoma cell adhesion molecule
P40926	MDH2	0.249	malate dehydrogenase 2
Q9NU22	MDN1	-0.149	midasin AAA ATPase 1
Q9H944	MED20	0.237	mediator complex subunit 20
Q7L2J0-1	MEPCE	0.227	methylphosphate capping enzyme
Q86W50-1	METTL16	-0.181	methyltransferase like 16
Q9H8H3	METTL7A	0.168	methyltransferase like 7A
Q99685	MGLL	-0.368	monoglyceride lipase
Q9BQP7	MGME1	0.479	mitochondrial genome maintenance exonuclease 1
O94851-4	MICAL2	-0.314	microtubule associated monooxygenase, calponin and LIM domain containing 2
Q7RTP6	MICAL3	-0.277	microtubule associated monooxygenase, calponin and LIM domain containing 3
Q9BXP6-3	MICU1	-0.187	mitochondrial calcium uptake 1
Q99797	MIPEP	-0.219	mitochondrial intermediate peptidase
Q9UL63-1	MKLN1	-0.217	muskelin 1
Q13015	MLLT11	0.238	MLLT11 transcription factor 7 cofactor
P50281	MMP14	-0.212	matrix metalloproteinase 14
Q7Z3U7	MON2	-0.182	MON2 homolog, regulator of endosome-to-Golgi trafficking
Q14149	MORC3	0.165	MORC family CW-type zinc finger 3
O00566	MPHOSPH10	0.152	M-phase phosphoprotein 10
Q8N3R9-1	MPP5	-0.172	membrane palmitoylated protein 5
Q9UBG0	MRC2	-0.186	mannose receptor C type 2
Q9HC36	MRM3	0.213	mitochondrial rRNA methyltransferase 3
Q86TS9	MRPL52	0.197	mitochondrial ribosomal protein L52
P82912	MRPS11	0.198	mitochondrial ribosomal protein S11
O15235	MRPS12	0.275	mitochondrial ribosomal protein S12
P82932	MRPS6	0.165	mitochondrial ribosomal protein S6
Q6UB35-1	MTHFD1L	-0.257	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1 like
P42345	MTOR	-0.17	mechanistic target of rapamycin kinase

Q9BQG0-2	MYBBP1A	-0.266	MYB binding protein 1a
O75592-1	MYCBP2	-0.404	MYC binding protein 2
P24844-1	MYL9	-0.559	myosin light chain 9
Q12965	MYO1E	-0.253	myosin IE
Q13459	MYO9B	-0.25	myosin IXB
Q9NZM1	MYOF	-0.174	myoferlin
Q9Y2G1	MYRF	-0.458	myelin regulatory factor
E9PAV3	NACA	-0.187	nascent polypeptide associated complex subunit alpha
Q8NEY1	NAV1	-0.46	neuron navigator 1
A2RRP1	NBAS	-0.292	NBAS subunit of NRZ tethering complex
Q9UGV2	NDRG3	-0.265	NDRG family member 3
O95299	NDUFA10	0.164	NADH:ubiquinone oxidoreductase subunit A10
Q16718	NDUFA5	0.154	NADH:ubiquinone oxidoreductase subunit A5
P56556	NDUFA6	0.189	NADH:ubiquinone oxidoreductase subunit A6
O95182	NDUFA7	0.163	NADH:ubiquinone oxidoreductase subunit A7
Q9Y6M9	NDUFB9	0.185	NADH:ubiquinone oxidoreductase subunit B9
P49821	NDUFV1	0.138	NADH:ubiquinone oxidoreductase core subunit V1
P46934-4	NEDD4	-0.241	NEDD4 E3 ubiquitin protein ligase
Q96PU5	NEDD4L	-0.254	NEDD4 like E3 ubiquitin protein ligase
Q8IXH7	NELFCD	0.161	negative elongation factor complex member C/D
P18615	NELFE	0.161	negative elongation factor complex member E
Q96IV0	NGLY1	-0.271	N-glycanase 1
Q9BZQ8	NIBAN1	-0.216	niban apoptosis regulator 1
Q9BYG3	NIFK	-0.298	nucleolar protein interacting with the FHA domain of MKI67
Q9BPW8	NIPSNAP1	0.228	nipsnap homolog 1
Q9UFN0	NIPSNAP3A	0.162	nipsnap homolog 3A
Q96D46	NMD3	0.155	NMD3 ribosome export adaptor
P30419	NMT1	0.142	N-myristoyltransferase 1
Q9BVI4	NOC4L	-0.191	nucleolar complex associated 4 homolog
Q9H6R4-1	NOL6	-0.181	nucleolar protein 6
P78316	NOP14	-0.182	NOP14 nucleolar protein
Q9Y3C1	NOP16	-0.254	NOP16 nucleolar protein
Q9NZM5	NOP53	-0.585	NOP53 ribosome biogenesis factor
P15559-1	NQO1	0.201	NAD(P)H quinone dehydrogenase 1
P16083	NQO2	0.225	N-ribosylidihydronicotinamide:quinone reductase 2
O14786-1	NRP1	-0.465	neuropilin 1
O95478	NSA2	-0.595	NSA2 ribosome biogenesis factor
Q9UNZ2	NSFL1C	0.157	NSFL1 cofactor
P49757	NUMB	-0.299	NUMB endocytic adaptor protein
Q9BXS6	NUSAP1	-0.318	nucleolar and spindle associated protein 1
Q9UBU9-1	NXF1	0.291	nuclear RNA export factor 1
P04181	OAT	0.162	ornithine aminotransferase
Q8N543	OGFOD1	0.23	2-oxoglutarate and iron dependent oxygenase domain containing 1
Q9NZT2	OGFR	0.167	opioid growth factor receptor
Q9BZF3-5	OSBPL6	-0.264	oxysterol binding protein like 6
P55809	OXCT1	0.146	3-oxoacid CoA-transferase 1
Q8N573-1	OXR1	-0.282	oxidation resistance 1

Q8IVL5	P3H2	-0.423	prolyl 3-hydroxylase 2
Q6VY07	PACS1	-0.27	phosphofurin acidic cluster sorting protein 1
Q8N7H5	PAF1	0.233	PAF1 homolog, Paf1/RNA polymerase II complex component
Q8TEW0	PARD3	-0.386	par-3 family cell polarity regulator
O95453	PARN	-0.303	poly(A)-specific ribonuclease
Q9UUK3	PARP4	-0.129	poly(ADP-ribose) polymerase family member 4
Q8IXQ6	PARP9	0.194	poly(ADP-ribose) polymerase family member 9
Q9HBI1	PARVB	-0.278	parvin beta
Q9Y5B6	PAXBP1	0.301	PAX3 and PAX7 binding protein 1
Q15004	PCLAF	0.391	PCNA clamp associated factor
P12004	PCNA	0.219	proliferating cell nuclear antigen
Q14690	PDCD11	-0.262	programmed cell death 11
Q53EL6	PDCD4	0.339	programmed cell death 4
Q96HC4	PDLIM5	-0.205	PDZ and LIM domain 5
Q9BRX2	PELO	0.188	pelota mRNA surveillance and ribosome rescue factor
Q9UHV9	PFDN2	0.181	prefoldin subunit 2
Q9NQP4	PFDN4	0.213	prefoldin subunit 4
Q99471	PFDN5	0.22	prefoldin subunit 5
P00558	PGK1	0.154	phosphoglycerate kinase 1
P35232	PHB	0.214	prohibitin
Q9BTU6	PI4K2A	0.178	phosphatidylinositol 4-kinase type 2 alpha
P42356	PI4KA	-0.174	phosphatidylinositol 4-kinase alpha
O43164	PJA2	-0.259	praja ring finger ubiquitin ligase 2
Q99640	PKMYT1	0.453	protein kinase, membrane associated tyrosine/threonine 1
P47712	PLA2G4A	-0.254	phospholipase A2 group IVA
Q13393-1	PLD1	-0.259	phospholipase D1
Q9HAU0-6	PLEKHA5	-0.222	pleckstrin homology domain containing A5
P00747	PLG	-0.357	plasminogen
Q99541	PLIN2	-0.155	perilipin 2
O75051	PLXNA2	-0.459	plexin A2
Q9NRX1	PNO1	-0.508	partner of NOB1 homolog
Q9H488	POFUT1	0.146	protein O-fucosyltransferase 1
Q8NBL1	POGLUT1	0.138	protein O-glucosyltransferase 1
P09884	POLA1	-0.275	DNA polymerase alpha 1, catalytic subunit
P36954	POLR2I	-0.358	RNA polymerase II subunit I
Q9UNP9	PPIE	0.293	peptidylprolyl isomerase E
P30405	PPIF	0.335	peptidylprolyl isomerase F
Q96QC0	PPP1R10	0.165	protein phosphatase 1 regulatory subunit 10
Q12972	PPP1R8	0.276	protein phosphatase 1 regulatory subunit 8
Q08209	PPP3CA	-0.301	protein phosphatase 3 catalytic subunit alpha
Q9NY27	PPP4R2	0.136	protein phosphatase 4 regulatory subunit 2
P50897	PPT1	0.267	palmitoyl-protein thioesterase 1
O60828	PQBP1	0.242	polyglutamine binding protein 1
O43663	PRC1	0.278	protein regulator of cytokinesis 1
Q06830	PRDX1	0.24	peroxiredoxin 1
P49642	PRIM1	-0.216	DNA primase subunit 1
P49643	PRIM2	-0.268	DNA primase subunit 2

<b>Q13131-2</b>	PRKAA1	0.206	protein kinase AMP-activated catalytic subunit alpha 1
<b>Q9Y478</b>	PRKAB1	0.379	protein kinase AMP-activated non-catalytic subunit beta 1
<b>P17612</b>	PRKACA	-0.217	protein kinase cAMP-activated catalytic subunit alpha
<b>P22694</b>	PRKACB	-0.546	protein kinase cAMP-activated catalytic subunit beta
<b>P10644</b>	PRKAR1A	-0.292	protein kinase cAMP-dependent type I regulatory subunit alpha
<b>O15091</b>	PRORP	-0.295	protein only RNase P catalytic subunit
<b>Q9UMS4</b>	PRPF19	0.194	pre-mRNA processing factor 19
<b>O43172</b>	PRPF4	0.157	pre-mRNA processing factor 4
<b>P25788</b>	PSMA3	0.223	proteasome subunit alpha 3
<b>P25789</b>	PSMA4	0.171	proteasome subunit alpha 4
<b>P28066</b>	PSMA5	0.145	proteasome subunit alpha 5
<b>O14818-1</b>	PSMA7	0.152	proteasome subunit alpha 7
<b>P28074-1</b>	PSMB5	0.171	proteasome subunit beta 5
<b>Q99436</b>	PSMB7	0.157	proteasome subunit beta 7
<b>P35998</b>	PSMC2	0.217	proteasome 26S subunit, ATPase 2
<b>P17980</b>	PSMC3	0.183	proteasome 26S subunit, ATPase 3
<b>P43686</b>	PSMC4	0.167	proteasome 26S subunit, ATPase 4
<b>P62333</b>	PSMC6	0.233	proteasome 26S subunit, ATPase 6
<b>O43242</b>	PSMD3	0.156	proteasome 26S subunit, non-ATPase 3
<b>Q9H939-1</b>	PSTPIP2	0.223	proline-serine-threonine phosphatase interacting protein 2
<b>Q15185</b>	PTGES3	-0.228	prostaglandin E synthase 3
<b>Q14914</b>	PTGR1	0.271	prostaglandin reductase 1
<b>Q05397-5</b>	PTK2	-0.324	protein tyrosine kinase 2
<b>Q15678</b>	PTPN14	-0.225	protein tyrosine phosphatase non-receptor type 14
<b>P10586-1</b>	PTPRF	-0.398	protein tyrosine phosphatase receptor type F
<b>Q15262-3</b>	PTPRK	-0.711	protein tyrosine phosphatase receptor type K
<b>Q86Y79</b>	PTRH1	-0.185	peptidyl-tRNA hydrolase 1 homolog
<b>Q9Y3E5</b>	PTRH2	0.219	peptidyl-tRNA hydrolase 2
<b>Q15397</b>	PUM3	-0.455	pumilio RNA binding family member 3
<b>Q00577</b>	PURA	0.275	purine rich element binding protein A
<b>Q92626</b>	PXDN	-0.393	peroxidasin
<b>Q96PU8</b>	QKI	-0.203	QKI, KH domain containing RNA binding
<b>P20337</b>	RAB3B	-0.164	RAB3B, member RAS oncogene family
<b>Q9BUV8-5</b>	RAB5IF	0.351	RAB5 interacting factor
<b>P61006</b>	RAB8A	0.201	RAB8A, member RAS oncogene family
<b>P51151</b>	RAB9A	0.182	RAB9A, member RAS oncogene family
<b>P78406</b>	RAE1	0.194	ribonucleic acid export 1
<b>P62826</b>	RAN	0.15	RAN, member RAS oncogene family
<b>P52306-5</b>	RAP1GDS1	-0.297	Rap1 GTPase-GDP dissociation stimulator 1
<b>Q8TEU7-4</b>	RAPGEF6	-0.363	Rap guanine nucleotide exchange factor 6
<b>P20936-1</b>	RASA1	-0.176	RAS p21 protein activator 1
<b>Q14644</b>	RASA3	-0.316	RAS p21 protein activator 3
<b>Q9UJF2-2</b>	RASAL2	-0.466	RAS protein activator like 2
<b>Q7Z6E9</b>	RBBP6	0.286	RB binding protein 6, ubiquitin ligase
<b>Q9Y4C8</b>	RBM19	-0.327	RNA binding motif protein 19
<b>P52756</b>	RBM5	0.39	RNA binding motif protein 5
<b>Q9Y388</b>	RBMX2	0.736	RNA binding motif protein X-linked 2

Q93062-3	RBPMS	-0.298	RNA binding protein, mRNA processing factor
P18754-2	RCC1	0.156	regulator of chromosome condensation 1
P46063	RECQL	0.168	RecQ like helicase
Q6NUM9-1	RETSAT	0.253	retinol saturase
P40938	RFC3	0.204	replication factor C subunit 3
P35249	RFC4	0.222	replication factor C subunit 4
P62745	RHOB	0.26	ras homolog family member B
Q8IXI1	RHOT2	0.167	ras homolog family member T2
O14730	RIOK3	0.392	RIO kinase 3
Q8NC42	RNF149	-0.232	ring finger protein 149
Q5VTR2	RNF20	0.25	ring finger protein 20
Q63HN8-4	RNF213	-0.191	ring finger protein 213
Q15287-1	RNPS1	0.203	RNA binding protein with serine rich domain 1
Q9H9Y2	RPF1	-0.487	ribosome production factor 1 homolog
Q9H7B2	RPF2	-0.267	ribosome production factor 2 homolog
Q6P5R6	RPL22L1	-0.69	ribosomal protein L22 like 1
P62829	RPL23	-0.189	ribosomal protein L23
Q6DKI1	RPL7L1	-0.382	ribosomal protein L7 like 1
Q5VT52	RPRD2	0.179	regulation of nuclear pre-mRNA domain containing 2
Q86WX3	RPS19BP1	-0.475	ribosomal protein S19 binding protein 1
P62857	RPS28	-0.168	ribosomal protein S28
P22090	RPS4Y1	-0.325	ribosomal protein S4 Y-linked 1
Q8N122	RPTOR	-0.354	regulatory associated protein of MTOR complex 1
P55042	RRAD	1.297	RRAD, Ras related glycolysis inhibitor and calcium channel regulator
P31350-2	RRM2	0.61	ribonucleotide reductase regulatory subunit M2
Q7LG56-6	RRM2B	0.572	ribonucleotide reductase regulatory TP53 inducible subunit M2B
Q5JTH9	RRP12	-0.172	ribosomal RNA processing 12 homolog
O76021	RSL1D1	-0.167	ribosomal L1 domain containing 1
Q7L4I2	RSRC2	0.233	arginine and serine rich coiled-coil 2
P0DJ18	SAA1	-0.15	serum amyloid A1
Q9NSI8-1	SAMSN1	-0.328	SAM domain, SH3 domain and nuclear localization signals 1
O00422	SAP18	0.177	Sin3A associated protein 18
Q9UHR5-1	SAP30BP	0.169	SAP30 binding protein
O43819	SCO2	0.229	SCO cytochrome c oxidase assembly protein 2
P22307	SCP2	0.178	sterol carrier protein 2
P31040	SDHA	0.222	succinate dehydrogenase complex flavoprotein subunit A
O60613	SELENOF	-0.296	selenoprotein F
O75326-1	SEMA7A	-0.532	semaphorin 7A (John Milton Hagen blood group)
P30740	SERPINB1	0.257	serpin family B member 1
P05121	SERPINE1	-0.737	serpin family E member 1
P36955	SERPINF1	-0.65	serpin family F member 1
Q01105	SET	0.308	SET nuclear proto-oncogene
Q9BYW2	SETD2	-0.401	SET domain containing 2, histone lysine methyltransferase
Q15459	SF3A1	0.197	splicing factor 3a subunit 1
Q15428	SF3A2	0.25	splicing factor 3a subunit 2
Q12874	SF3A3	0.187	splicing factor 3a subunit 3
Q13435	SF3B2	0.163	splicing factor 3b subunit 2

Q9H9B4	SFXN1	0.168	sideroflexin 1
Q7Z6J0	SH3RF1	-0.662	SH3 domain containing ring finger 1
Q8NEM2	SHCBP1	0.332	SHC binding and spindle associated 1
Q9H173	SIL1	-0.568	SIL1 nucleotide exchange factor
O43166-2	SIPA1L1	-0.311	signal induced proliferation associated 1 like 1
O60292	SIPA1L3	-0.504	signal induced proliferation associated 1 like 3
Q96EB6	SIRT1	0.366	sirtuin 1
Q9P270	SLAIN2	0.233	SLAIN motif family member 2
Q8WUM9	SLC20A1	-0.331	solute carrier family 20 member 1
P05141	SLC25A5	0.227	solute carrier family 25 member 5
P11169	SLC2A3	0.188	solute carrier family 2 member 3
Q9Y6M5	SLC30A1	0.255	solute carrier family 30 member 1
Q96QD8	SLC38A2	-0.446	solute carrier family 38 member 2
Q8WUX1-1	SLC38A5	-0.206	solute carrier family 38 member 5
Q8IWA5-2	SLC44A2	0.301	solute carrier family 44 member 2
P04920	SLC4A2	-0.147	solute carrier family 4 member 2
Q9Y6M7-7	SLC4A7	-0.202	solute carrier family 4 member 7
P30825	SLC7A1	-0.165	solute carrier family 7 member 1
P52569-3	SLC7A2	-0.328	solute carrier family 7 member 2
Q01650	SLC7A5	0.163	solute carrier family 7 member 5
Q08AF3-1	SLFN5	0.285	schlafen family member 5
O95391	SLU7	0.275	SLU7 homolog, splicing factor
P84022	SMAD3	-0.271	SMAD family member 3
Q92922	SMARCC1	-0.294	SWI/SNF related, matrix associated, actin dependent regulator of chromatin subfamily
Q96Q15-1	SMG1	-0.17	SMG1 nonsense mediated mRNA decay associated PI3K related kinase
Q8ND04-2	SMG8	0.206	SMG8 nonsense mediated mRNA decay factor
P53814-5	SMTN	0.413	smoothelin
Q9HAU4	SMURF2	-0.341	SMAD specific E3 ubiquitin protein ligase 2
Q9H7B4	SMYD3	-0.534	SET and MYND domain containing 3
Q7KZF4	SND1	-0.257	staphylococcal nuclease and tudor domain containing 1
P62308	SNRPG	0.301	small nuclear ribonucleoprotein polypeptide G
Q15036-1	SNX17	-0.201	sorting nexin 17
Q9UNH7-1	SNX6	0.141	sorting nexin 6
P04179	SOD2	0.284	superoxide dismutase 2
Q99523	SORT1	-0.851	sortilin 1
Q02447-1	SP3	0.294	Sp3 transcription factor
Q96R06	SPAG5	0.183	sperm associated antigen 5
P09486	SPARC	-0.202	secreted protein acidic and cysteine rich
Q8NB90-1	SPATA5	-0.292	spermatogenesis associated 5
Q86XZ4	SPATS2	-0.279	spermatogenesis associated serine rich 2
Q08AE8	SPIRE1	-0.213	spire type actin nucleation factor 1
P35270	SPR	0.231	sepiapterin reductase
Q01082-1	SPTBN1	-0.168	spectrin beta, non-erythrocytic 1
Q14534	SQLE	-0.194	squalene epoxidase
Q8NEF9	SRFBP1	-0.182	serum response factor binding protein 1
Q7Z6B7	SRGAP1	-0.432	SLIT-ROBO Rho GTPase activating protein 1
O75044	SRGAP2	-0.25	SLIT-ROBO Rho GTPase activating protein 2

P30626	SRI	0.196	sorcin
P49458	SRP9	0.277	signal recognition particle 9
Q9BXP5	SRRT	0.239	serrate, RNA effector molecule
Q05519	SRSF11	0.185	serine and arginine rich splicing factor 11
Q08170	SRSF4	0.285	serine and arginine rich splicing factor 4
Q13247	SRSF6	0.209	serine and arginine rich splicing factor 6
P05455	SSB	0.2	small RNA binding exonuclease protection factor La
Q04837	SSBP1	0.277	single stranded DNA binding protein 1
Q9UNL2-2	SSR3	0.192	signal sequence receptor subunit 3
Q8WVM7	STAG1	-0.255	stromal antigen 1
O75886	STAM2	-0.212	signal transducing adaptor molecule 2
O76061	STC2	-0.764	stanniocalcin 2
Q13586	STIM1	-0.234	stromal interaction molecule 1
Q13188-2	STK3	-0.479	serine/threonine kinase 3
P16949-1	STMN1	0.295	stathmin 1
P27105	STOM	0.316	stomatin
Q9UNK0	STX8	-0.44	syntaxin 8
O00186	STXBP3	0.208	syntaxin binding protein 3
Q5T5C0-1	STXBP5	-0.238	syntaxin binding protein 5
P53999	SUB1	0.411	SUB1 regulator of transcription
P53597	SUCLG1	0.273	succinate-CoA ligase alpha subunit
Q9Y5B9	SUPT16H	0.221	SPT16 homolog, facilitates chromatin remodeling subunit
Q7KZ85	SUPT6H	0.155	SPT6 homolog, histone chaperone and transcription elongation factor
O94864-1	SUPT7L	0.273	SPT7 like, STAGA complex gamma subunit
O75683	SURF6	-0.258	surfeit 6
Q8NF91	SYNE1	-0.458	spectrin repeat containing nuclear envelope protein 1
Q8WXH0-2	SYNE2	-0.313	spectrin repeat containing nuclear envelope protein 2
Q8N3V7-2	SYNPO	0.252	synaptopodin
Q9Y6A5	TACC3	0.267	transforming acidic coiled-coil containing protein 3
Q9BSH4	TACO1	0.25	translational activator of cytochrome c oxidase I
P09758	TACSTD2	0.259	tumor associated calcium signal transducer 2
Q86TJ2	TADA2B	0.314	transcriptional adaptor 2B
Q9C0D5	TANC1	-0.315	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 1
Q9HCD6-2	TANC2	-0.465	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2
Q9H2K8	TAOK3	-0.209	TAO kinase 3
Q03518	TAP1	0.249	transporter 1, ATP binding cassette subfamily B member
Q03519-1	TAP2	0.245	transporter 2, ATP binding cassette subfamily B member
Q92609-2	TBC1D5	-0.303	TBC1 domain family member 5
O14776	TCERG1	0.13	transcription elongation regulator 1
P17987	TCP1	0.128	t-complex 1
Q00059	TFAM	0.343	transcription factor A, mitochondrial
Q92734	TFG	0.206	trafficking from ER to golgi regulator
P61812-2	TGFB2	-0.695	transforming growth factor beta 2
Q15582	TGFBI	-0.692	transforming growth factor beta induced
P37173-2	TGFBR2	-0.762	transforming growth factor beta receptor 2
Q6YHU6	THADA	-0.321	THADA armadillo repeat containing
P07996	THBS1	-0.99	thrombospondin 1

Q9NWX6	THG1L	0.287	tRNA-histidine guanylyltransferase 1 like
Q9NQ88	TIGAR	0.27	TP53 induced glycolysis regulatory phosphatase
O43615	TIMM44	0.195	translocase of inner mitochondrial membrane 44
P16035	TIMP2	-0.35	TIMP metalloproteinase inhibitor 2
P04183	TK1	0.873	thymidine kinase 1
O60603	TLR2	-0.409	toll like receptor 2
Q9UM00	TMCO1	0.179	transmembrane and coiled-coil domains 1
Q96MH6	TMEM68	-0.984	transmembrane protein 68
P42166	TMPO	0.204	thymopoietin
P24821	TNC	-0.587	tenascin C
Q03169	TNFAIP2	0.376	TNF alpha induced protein 2
O14763	TNFRSF10B	0.205	TNF receptor superfamily member 10b
Q9NP84	TNFRSF12A	-0.436	TNF receptor superfamily member 12A
Q15025	TNIP1	-0.427	TNFAIP3 interacting protein 1
Q9HBL0	TNS1	-0.188	tensin 1
Q68CZ2-1	TNS3	-0.226	tensin 3
Q8IZW8	TNS4	-0.315	tensin 4
P11388-4	TOP2A	0.274	DNA topoisomerase II alpha
P04637	TP53	0.179	tumor protein p53
Q53FA7	TP53I3	0.361	tumor protein p53 inducible protein 3
O43399-7	TPD52L2	0.148	TPD52 like 2
P60174	TPI1	0.37	triosephosphate isomerase 1
P07951	TPM2	-0.433	tropomyosin 2
P07951-2	TPM2	-0.157	tropomyosin 2
Q9ULW0	TPX2	0.252	TPX2 microtubule nucleation factor
O43715	TRIAP1	0.29	TP53 regulated inhibitor of apoptosis 1
P19474	TRIM21	0.372	tripartite motif containing 21
Q8IYM9-1	TRIM22	0.515	tripartite motif containing 22
Q13263	TRIM28	0.294	tripartite motif containing 28
Q13049	TRIM32	0.208	tripartite motif containing 32
O75962-1	TRIO	-0.308	trio Rho guanine nucleotide exchange factor
Q15650	TRIP4	-0.421	thyroid hormone receptor interactor 4
Q7L0Y3	TRMT10C	0.215	tRNA methyltransferase 10C, mitochondrial RNase P subunit
Q96Q11	TRNT1	0.178	tRNA nucleotidyl transferase 1
Q15631-1	TSN	0.239	translin
Q16762	TST	0.258	thiosulfate sulfurtransferase
Q6P3X3	TTC27	-0.268	tetratricopeptide repeat domain 27
Q9ULT0-4	TTC7A	-0.199	tetratricopeptide repeat domain 7A
P68366	TUBA4A	0.202	tubulin alpha 4a
Q13509	TUBB3	0.324	tubulin beta 3 class III
P49411	TUFM	0.151	Tu translation elongation factor, mitochondrial
P40222	TXLNA	0.194	taxilin alpha
O14530	TXNDC9	0.217	thioredoxin domain containing 9
P83876	TXNL4A	-0.182	thioredoxin like 4A
Q9NV66	TYW1	-0.436	tRNA-yW synthesizing protein 1 homolog
Q16763	UBE2S	0.299	ubiquitin conjugating enzyme E2 S
Q9NPD8	UBE2T	0.235	ubiquitin conjugating enzyme E2 T

O95155-4	UBE4B	-0.185	ubiquitination factor E4B
O94874	UFL1	0.155	UFM1 specific ligase 1
Q16739	UGCG	-0.32	UDP-glucose ceramide glucosyltransferase
Q96T88-2	UHRF1	-0.319	ubiquitin like with PHD and ring finger domains 1
Q96RL1	UIMC1	-0.297	ubiquitin interaction motif containing 1
Q9UDW1	UQCR10	0.345	ubiquinol-cytochrome c reductase, complex III subunit X
O94763	URI1	-0.218	URI1 prefoldin like chaperone
P51784	USP11	0.168	ubiquitin specific peptidase 11
Q8NFA0	USP32	-0.255	ubiquitin specific peptidase 32
Q9P275-2	USP36	-0.197	ubiquitin specific peptidase 36
Q93008	USP9X	-0.206	ubiquitin specific peptidase 9 X-linked
Q9BVJ6-1	UTP14A	-0.433	UTP14A small subunit processome component
Q9Y5J1	UTP18	-0.162	UTP18 small subunit processome component
O75691	UTP20	-0.307	UTP20 small subunit processome component
Q9NQZ2	UTP3	0.215	UTP3 small subunit processome component
Q9NYH9	UTP6	-0.214	UTP6 small subunit processome component
P46939	UTRN	-0.376	utrophin
P52735	VAV2	-0.337	vav guanine nucleotide exchange factor 2
P19320	VCAM1	-0.665	vascular cell adhesion molecule 1
P18206	VCL	-0.211	vinculin
P45880-1	VDAC2	0.198	voltage dependent anion channel 2
Q9Y277	VDAC3	0.297	voltage dependent anion channel 3
Q709C8	VPS13C	-0.159	vacuolar protein sorting 13 homolog C
O14972	VPS26C	-0.157	VPS26 endosomal protein sorting factor C
Q8NEZ2	VPS37A	0.297	VPS37A subunit of ESCRT-I
P49754	VPS41	-0.238	VPS41 subunit of HOPS complex
Q96AJ9	VT11A	-0.433	vesicle transport through interaction with t-SNAREs 1A
A3KMH1	VWA8	-0.146	von Willebrand factor A domain containing 8
Q9Y2W2	WBP11	0.29	WW domain binding protein 11
Q969T9	WBP2	-0.276	WW domain binding protein 2
O15213	WDR46	-0.212	WD repeat domain 46
Q9NW82	WDR70	-0.289	WD repeat domain 70
Q6RFH5	WDR74	-0.169	WD repeat domain 74
Q6UXN9	WDR82	0.196	WD repeat domain 82
Q5T9L3-2	WLS	-0.344	Wnt ligand secretion mediator
Q96S55	WRNIP1	0.153	WRN helicase interacting protein 1
O00308	WWP2	-0.551	WW domain containing E3 ubiquitin protein ligase 2
Q01831	XPC	0.515	XPC complex subunit, DNA damage recognition and repair factor
Q9C0E2	XPO4	-0.179	exportin 4
Q96QU8	XPO6	-0.236	exportin 6
Q9Y5A9	YTHDF2	-0.242	YTH N6-methyladenosine RNA binding protein 2
O96006	ZBED1	0.323	zinc finger BED-type containing 1
O75152	ZC3H11A	0.204	zinc finger CCCH-type containing 11A
Q8IWR0	ZC3H7A	-0.132	zinc finger CCCH-type containing 7A
Q8TF68-2	ZNF384	0.696	zinc finger protein 384
O43149	ZZEF1	-0.257	zinc finger ZZ-type and EF-hand domain containing 1
P00374		0.229	

P84243		0.167	
<b>List of proteins deregulated in THLE2 cells after 24h exposure to AgNP 3.5 ug/mL + CDDP 10 mM</b>			
ID	Symbol	Expr Log Ratio	Entrez Gene Name
Q86V21-1	AACS	-0.213	acetoacetyl-CoA synthetase
Q6PD74	AAGAB	-0.379	alpha and gamma adaptin binding protein
Q2M2I8	AAK1	-0.204	AP2 associated kinase 1
Q9Y3I2	AAR2	0.229	AAR2 splicing factor
Q5JTZ9	AARS2	0.178	alanyl-tRNA synthetase 2, mitochondrial
Q9UDR5	AASS	0.186	aminoadipate-semialdehyde synthase
P33897	ABCD1	0.39	ATP binding cassette subfamily D member 1
Q9NUJ1	ABHD10	0.254	abhydrolase domain containing 10
Q8NFV4	ABHD11	0.206	abhydrolase domain containing 11
O95870	ABHD16A	0.367	abhydrolase domain containing 16A
Q12979	ABR	-0.263	ABR activator of RhoGEF and GTPase
Q9P1F3	ABRACL	-0.498	ABRA C-terminal like
P09110-1	ACAA1	0.181	acetyl-CoA acyltransferase 1
P42765	ACAA2	0.277	acetyl-CoA acyltransferase 2
Q13085-4	ACACA	-0.31	acetyl-CoA carboxylase alpha
Q9H845	ACAD9	0.201	acyl-CoA dehydrogenase family member 9
P11310-2	ACADM	0.231	acyl-CoA dehydrogenase medium chain
P24752	ACAT1	0.187	acetyl-CoA acetyltransferase 1
Q5T8D3-3	ACBD5	0.206	acyl-CoA binding domain containing 5
Q9BR61	ACBD6	-0.337	acyl-CoA binding domain containing 6
E7EQT4	ACIN1	0.605	apoptotic chromatin condensation inducer 1
Q9UKV3-5	ACIN1	0.205	apoptotic chromatin condensation inducer 1
P21399	ACO1	-0.239	aconitase 1
Q86TX2	ACOT1	0.364	acyl-CoA thioesterase 1
P11117	ACP2	0.187	acid phosphatase 2, lysosomal
Q4G176	ACSF3	0.254	acyl-CoA synthetase family member 3
P33121	ACSL1	0.21	acyl-CoA synthetase long chain family member 1
P12814-3	ACTN1	-0.415	actinin alpha 1
O43707	ACTN4	-0.363	actinin alpha 4
P00813	ADA	0.289	adenosine deaminase
P35611-1	ADD1	-0.262	adducin 1
Q9UEY8-2	ADD3	-0.212	adducin 3
P55263	ADK	-0.164	adenosine kinase
Q9H2P0	ADNP	0.215	activity dependent neuroprotector homeobox
Q9BRR6-1	ADPGK	0.17	ADP dependent glucokinase
Q8N556-2	AFAP1	-0.213	actin filament associated protein 1
Q9UHB7-1	AFF4	0.235	AF4/FMR2 family member 4
Q9Y4W6	AFG3L2	0.169	AFG3 like matrix AAA peptidase subunit 2
Q9NUQ2	AGPAT5	0.23	1-acylglycerol-3-phosphate O-acyltransferase 5
O00468	AGRN	-0.267	agrin

<b>O95831-1</b>	AIFM1	0.148	apoptosis inducing factor mitochondria associated 1
<b>Q9BRQ8</b>	AIFM2	0.374	apoptosis inducing factor mitochondria associated 2
<b>P54819</b>	AK2	0.263	adenylate kinase 2
<b>Q9UIJ7-1</b>	AK3	0.3	adenylate kinase 3
<b>P27144</b>	AK4	0.218	adenylate kinase 4
<b>Q9UKA4</b>	AKAP11	-0.348	A-kinase anchoring protein 11
<b>Q02952-1</b>	AKAP12	-0.323	A-kinase anchoring protein 12
<b>Q9ULX6</b>	AKAP8L	0.267	A-kinase anchoring protein 8 like
<b>Q13740</b>	ALCAM	-0.197	activated leukocyte cell adhesion molecule
<b>P30837</b>	ALDH1B1	0.195	aldehyde dehydrogenase 1 family member B1
<b>P51648-2</b>	ALDH3A2	0.197	aldehyde dehydrogenase 3 family member A2
<b>Q9UJX6</b>	ANAPC2	-0.195	anaphase promoting complex subunit 2
<b>Q9BY76</b>	ANGPTL4	-0.75	angiopoietin like 4
<b>Q9P2R3-4</b>	ANKFY1	-0.205	ankyrin repeat and FYVE domain containing 1
<b>Q8IWZ3-6</b>	ANKHD1/ANKHD1-EIF4EBP3	-0.181	ankyrin repeat and KH domain containing 1
<b>Q9NQW6</b>	ANLN	0.31	anillin actin binding protein
<b>P39687</b>	ANP32A	-0.168	acidic nuclear phosphoprotein 32 family member A
<b>Q92688</b>	ANP32B	-0.388	acidic nuclear phosphoprotein 32 family member B
<b>P58335-1</b>	ANTXR2	-0.57	ANTXR cell adhesion molecule 2
<b>P07355-2</b>	ANXA2	-0.387	annexin A2
<b>P12429</b>	ANXA3	-0.212	annexin A3
<b>P09525</b>	ANXA4	-0.274	annexin A4
<b>P08133</b>	ANXA6	-0.205	annexin A6
<b>P20073</b>	ANXA7	-0.309	annexin A7
<b>P53680</b>	AP2S1	0.247	adaptor related protein complex 2 subunit sigma 1
<b>O14617-5</b>	AP3D1	-0.148	adaptor related protein complex 3 subunit delta 1
<b>Q92572</b>	AP3S1	-0.179	adaptor related protein complex 3 subunit sigma 1
<b>Q7Z5R6</b>	APBB1IP	-0.319	amyloid beta precursor protein binding family B member 1 interacting protein
<b>Q06481</b>	APLP2	-0.207	amyloid beta precursor like protein 2
<b>P04114</b>	APOB	-0.458	apolipoprotein B
<b>Q9NRW3</b>	APOBEC3C	0.352	apolipoprotein B mRNA editing enzyme catalytic subunit 3C
<b>P05067</b>	APP	-0.61	amyloid beta precursor protein
<b>O60306</b>	AQR	0.141	aquarius intron-binding spliceosomal factor
<b>Q96P48-6</b>	ARAP1	-0.2	ArfGAP with RhoGAP domain, ankyrin repeat and PH domain 1
<b>P15514</b>	AREG	-0.127	amphiregulin
<b>Q9NP61</b>	ARFGAP3	-0.213	ADP ribosylation factor GTPase activating protein 3
<b>Q9Y6D6</b>	ARFGEF1	-0.215	ADP ribosylation factor guanine nucleotide exchange factor 1
<b>Q8N392</b>	ARHGAP18	-0.274	Rho GTPase activating protein 18
<b>Q13017-1</b>	ARHGAP5	-0.142	Rho GTPase activating protein 5
<b>O15013</b>	ARHGEF10	-0.261	Rho guanine nucleotide exchange factor 10
<b>Q9NZN5</b>	ARHGEF12	-0.119	Rho guanine nucleotide exchange factor 12
<b>Q8NFD5-3</b>	ARID1B	-0.367	AT-rich interaction domain 1B
<b>Q9NVJ2</b>	ARL8B	0.192	ADP ribosylation factor like GTPase 8B
<b>Q7Z3E5</b>	ARMC9	-0.641	armadillo repeat containing 9
<b>P15289</b>	ARSA	0.204	arylsulfatase A
<b>Q9HBK9</b>	AS3MT	-0.588	arsenite methyltransferase
<b>Q13510-2</b>	ASAH1	0.179	N-acylsphingosine amidohydrolase 1

<b>O43150-1</b>	ASAP2	-0.266	ArfGAP with SH3 domain, ankyrin repeat and PH domain 2
<b>Q8N9N2</b>	ASCC1	-0.567	activating signal cointegrator 1 complex subunit 1
<b>Q9H1I8-1</b>	ASCC2	-0.509	activating signal cointegrator 1 complex subunit 2
<b>Q8N3C0</b>	ASCC3	-0.534	activating signal cointegrator 1 complex subunit 3
<b>Q9NVP2</b>	ASF1B	0.221	anti-silencing function 1B histone chaperone
<b>Q8NBU5</b>	ATAD1	0.171	ATPase family AAA domain containing 1
<b>Q9NVI7-2</b>	ATAD3A	0.222	ATPase family AAA domain containing 3A
<b>O95352</b>	ATG7	-0.409	autophagy related 7
<b>Q6DD88</b>	ATL3	0.15	atlastin GTPase 3
<b>P54259</b>	ATN1	0.371	atrophin 1
<b>O00244</b>	ATOX1	0.201	antioxidant 1 copper chaperone
<b>P05026</b>	ATP1B1	0.213	ATPase Na <sup>+</sup> /K <sup>+</sup> transporting subunit beta 1
<b>P23634-1</b>	ATP2B4	-0.198	ATPase plasma membrane Ca <sup>2+</sup> transporting 4
<b>P06576</b>	ATP5F1B	0.202	ATP synthase F1 subunit beta
<b>P56381</b>	ATP5F1E	0.443	ATP synthase F1 subunit epsilon
<b>Q9UII2</b>	ATP5IF1	0.581	ATP synthase inhibitory factor subunit 1
<b>O75947-1</b>	ATP5PD	0.218	ATP synthase peripheral stalk subunit d
<b>P48047</b>	ATP5PO	0.212	ATP synthase peripheral stalk subunit OSCP
<b>Q9UBB4</b>	ATXN10	-0.259	ataxin 10
<b>P0C7T5</b>	ATXN1L	0.403	ataxin 1 like
<b>Q9Y679-1</b>	AUP1	0.234	AUP1 lipid droplet regulating VLDL assembly factor
<b>Q96GD4-5</b>	AURKB	0.291	aurora kinase B
<b>Q9NQS1</b>	AVEN	-0.285	apoptosis and caspase activation inhibitor
<b>P30530</b>	AXL	-0.374	AXL receptor tyrosine kinase
<b>P61769</b>	B2M	0.214	beta-2-microglobulin
<b>Q9NXR7-2</b>	BABAM2	-0.261	BRISC and BRCA1 A complex member 2
<b>O95816</b>	BAG2	0.145	BCL2 associated athanogene 2
<b>O95429</b>	BAG4	-0.246	BCL2 associated athanogene 4
<b>Q9UHR4</b>	BAIAP2L1	-0.17	BAR/IMD domain containing adaptor protein 2 like 1
<b>O75531</b>	BANF1	0.239	barrier to autointegration factor 1
<b>Q8WY36</b>	BBX	-0.34	BBX high mobility group box domain containing
<b>P51572-2</b>	BCAP31	0.248	B cell receptor associated protein 31
<b>O75815-1</b>	BCAR3	-0.681	BCAR3 adaptor protein, NSP family member
<b>O75934</b>	BCAS2	0.2	BCAS2 pre-mRNA processing factor
<b>O15382</b>	BCAT2	0.176	branched chain amino acid transaminase 2
<b>Q9NYF8-1</b>	BCLAF1	0.397	BCL2 associated transcription factor 1
<b>P11274-1</b>	BCR	-0.172	BCR activator of RhoGEF and GTPase
<b>Q9H694</b>	BICC1	-0.476	BicC family RNA binding protein 1
<b>O15392</b>	BIRC5	0.256	baculoviral IAP repeat containing 5
<b>Q9NR09</b>	BIRC6	-0.358	baculoviral IAP repeat containing 6
<b>Q14692</b>	BMS1	-0.165	BMS1 ribosome biogenesis factor
<b>Q8NFC6</b>	BOD1L1	0.162	bioorientation of chromosomes in cell division 1 like 1
<b>Q12830</b>	BPTF	-0.195	bromodomain PHD finger transcription factor
<b>P20290</b>	BTF3	-0.191	basic transcription factor 3
<b>Q7KYR7</b>	BTN2A1	0.436	butyrophilin subfamily 2 member A1
<b>Q9H0W9</b>	C11orf54	-0.259	chromosome 11 open reading frame 54
<b>Q9H3H3-3</b>	C11orf68	-0.411	chromosome 11 open reading frame 68

<b>Q8N5I9</b>	C12orf45	0.509	chromosome 12 open reading frame 45
<b>Q99622</b>	C12orf57	-0.291	chromosome 12 open reading frame 57
<b>Q9UFG5</b>	C19orf25	0.297	chromosome 19 open reading frame 25
<b>Q9BXJ4-3</b>	C1QTNF3	-0.627	C1q and TNF related 3
<b>Q9GZN8-2</b>	C20orf27	-0.301	chromosome 20 open reading frame 27
<b>Q9BVC5</b>	C2orf49	0.256	chromosome 2 open reading frame 49
<b>P01024</b>	C3	-0.308	complement C3
<b>POC0L4-1</b>	C4A/C4B	-0.347	complement C4A (Rodgers blood group)
<b>Q49AR2</b>	C5orf22	0.404	chromosome 5 open reading frame 22
<b>Q7Z6I8</b>	C5orf24	0.346	chromosome 5 open reading frame 24
<b>Q9BRJ6</b>	C7orf50	-0.444	chromosome 7 open reading frame 50
<b>Q5T6V5</b>	C9orf64	-0.243	chromosome 9 open reading frame 64
<b>Q9Y376</b>	CAB39	-0.506	calcium binding protein 39
<b>P27708</b>	CAD	-0.199	carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase
<b>P27824-2</b>	CANX	0.131	calnexin
<b>P40123</b>	CAP2	-0.213	cyclase associated actin cytoskeleton regulatory protein 2
<b>Q14444</b>	CAPRIN1	-0.227	cell cycle associated protein 1
<b>Q9Y2V2</b>	CARHSP1	-0.172	calcium regulated heat stable protein 1
<b>Q5VZK9</b>	CARMIL1	-0.389	capping protein regulator and myosin 1 linker 1
<b>P49589-3</b>	CARS1	-0.136	cysteinyl-tRNA synthetase 1
<b>O14936</b>	CASK	-0.185	calcium/calmodulin dependent serine protein kinase
<b>P49662</b>	CASP4	0.238	caspase 4
<b>P04040</b>	CAT	0.259	catalase
<b>Q6NZI2</b>	CAVIN1	0.178	caveolae associated protein 1
<b>O95810</b>	CAVIN2	0.292	caveolae associated protein 2
<b>P45973</b>	CBX5	0.347	chromobox 5
<b>Q9HC52</b>	CBX8	0.371	chromobox 8
<b>Q6P1N0</b>	CC2D1A	-0.245	coiled-coil and C2 domain containing 1A
<b>Q8N163-1</b>	CCAR2	0.178	cell cycle and apoptosis regulator 2
<b>Q96BQ5</b>	CCDC127	0.395	coiled-coil domain containing 127
<b>Q6PK04</b>	CCDC137	-0.32	coiled-coil domain containing 137
<b>Q7Z3E2</b>	CCDC186	0.266	coiled-coil domain containing 186
<b>Q86WR0</b>	CCDC25	-0.443	coiled-coil domain containing 25
<b>Q4VC31</b>	CCDC58	0.309	coiled-coil domain containing 58
<b>Q9Y6R9</b>	CCDC61	-1.012	coiled-coil domain containing 61
<b>Q76M96-2</b>	CCDC80	-0.922	coiled-coil domain containing 80
<b>A6NKD9</b>	CCDC85C	-0.343	coiled-coil domain containing 85C
<b>O00622</b>	CCN1	-0.999	cellular communication network factor 1
<b>P29279</b>	CCN2	-0.588	cellular communication network factor 2
<b>P20248</b>	CCNA2	0.411	cyclin A2
<b>P24385</b>	CCND1	-0.971	cyclin D1
<b>O60563</b>	CCNT1	0.488	cyclin T1
<b>Q9ULG6-5</b>	CCPG1	0.193	cell cycle progression 1
<b>O14618</b>	CCS	0.243	copper chaperone for superoxide dismutase
<b>Q6YHK3</b>	CD109	-0.278	CD109 molecule
<b>P08571</b>	CD14	-0.248	CD14 molecule
<b>Q9Y5K6</b>	CD2AP	-0.243	CD2 associated protein

<b>O95400</b>	CD2BP2	0.29	CD2 cytoplasmic tail binding protein 2
<b>P16070</b>	CD44	0.206	CD44 molecule (Indian blood group)
<b>P08174-7</b>	CD55	0.408	CD55 molecule (Cromer blood group)
<b>P13987</b>	CD59	0.334	CD59 molecule (CD59 blood group)
<b>P21926</b>	CD9	0.18	CD9 molecule
<b>Q12834</b>	CDC20	-0.241	cell division cycle 20
<b>Q9UJX2-1</b>	CDC23	0.288	cell division cycle 23
<b>Q9H3Q1</b>	CDC42EP4	0.254	CDC42 effector protein 4
<b>O75419-3</b>	CDC45	0.394	cell division cycle 45
<b>Q99459</b>	CDC5L	0.204	cell division cycle 5 like
<b>O00311</b>	CDC7	0.268	cell division cycle 7
<b>Q69YH5-1</b>	CDCA2	0.21	cell division cycle associated 2
<b>Q96FF9</b>	CDCA5	0.925	cell division cycle associated 5
<b>Q9H5V8</b>	CDCP1	-0.131	CUB domain containing protein 1
<b>P19022</b>	CDH2	-0.203	cadherin 2
<b>P06493</b>	CDK1	0.298	cyclin dependent kinase 1
<b>P24941</b>	CDK2	0.188	cyclin dependent kinase 2
<b>Q96SN8</b>	CDK5RAP2	-0.378	CDK5 regulatory subunit associated protein 2
<b>Q00534</b>	CDK6	-0.226	cyclin dependent kinase 6
<b>Q5VV42</b>	CDKAL1	-0.652	CDK5 regulatory subunit associated protein 1 like 1
<b>P42771-1</b>	CDKN2A	-0.18	cyclin dependent kinase inhibitor 2A
<b>Q8N726</b>	CDKN2A	-0.303	cyclin dependent kinase inhibitor 2A
<b>Q86X02</b>	CDR2L	0.348	cerebellar degeneration related protein 2 like
<b>Q03701</b>	CEBPZ	0.184	CCAAT enhancer binding protein zeta
<b>Q02224</b>	CENPE	-0.264	centromere protein E
<b>Q9H3R5</b>	CENPH	0.328	centromere protein H
<b>Q727K6-3</b>	CENPV	0.321	centromere protein V
<b>Q8TEP8-3</b>	CEP192	-0.394	centrosomal protein 192
<b>Q9Y5P4-3</b>	CERT1	-0.312	ceramide transporter 1
<b>O00748</b>	CES2	0.448	carboxylesterase 2
<b>P41208</b>	CETN2	0.21	centrin 2
<b>O15182</b>	CETN3	-0.384	centrin 3
<b>Q8N884</b>	CGAS	0.368	cyclic GMP-AMP synthase
<b>Q13112</b>	CHAF1B	0.411	chromatin assembly factor 1 subunit B
<b>Q96JM3</b>	CHAMP1	0.31	chromosome alignment maintaining phosphoprotein 1
<b>Q8N4Q1-2</b>	CHCHD4	0.374	coiled-coil-helix-coiled-coil-helix domain containing 4
<b>Q9HCK8-1</b>	CHD8	0.154	chromodomain helicase DNA binding protein 8
<b>Q7LBR1</b>	CHMP1B	0.19	charged multivesicular body protein 1B
<b>Q9P2E5-1</b>	CHPF2	0.134	chondroitin polymerizing factor 2
<b>P0CG13-1</b>	CHTF8	0.288	chromosome transmission fidelity factor 8
<b>Q9NZ45</b>	CISD1	0.342	CDGSH iron sulfur domain 1
<b>Q8N5K1</b>	CISD2	0.276	CDGSH iron sulfur domain 2
<b>O14578-4</b>	CIT	-0.175	citron rho-interacting serine/threonine kinase
<b>Q8WWWK9-5</b>	CKAP2	0.656	cytoskeleton associated protein 2
<b>Q07065</b>	CKAP4	0.253	cytoskeleton associated protein 4
<b>P61024</b>	CKS1B	0.314	CDC28 protein kinase regulatory subunit 1B
<b>Q72460-4</b>	CLASP1	-0.238	cytoplasmic linker associated protein 1

<b>O75122-3</b>	CLASP2	-0.145	cytoplasmic linker associated protein 2
<b>O14967</b>	CLGN	0.289	calmegin
<b>Q9Y696</b>	CLIC4	-0.276	chloride intracellular channel 4
<b>P49759-3</b>	CLK1	0.333	CDC like kinase 1
<b>P49761</b>	CLK3	0.285	CDC like kinase 3
<b>Q9H6B4</b>	CLMP	-0.416	CXADR like membrane protein
<b>O75503</b>	CLN5	0.3	CLN5 intracellular trafficking protein
<b>Q92989</b>	CLP1	0.385	cleavage and polyadenylation factor I subunit 1
<b>O76031</b>	CLPX	0.191	caseinolytic mitochondrial matrix peptidase chaperone subunit
<b>O94985-1</b>	CLSTN1	-0.371	calsyntenin 1
<b>O75153</b>	CLUH	-0.239	clustered mitochondria homolog
<b>Q8NFW8</b>	CMAS	0.475	cytidine monophosphate N-acetylneuraminic acid synthetase
<b>Q96DG6</b>	CMBL	0.376	carboxymethylenebutenolidase homolog
<b>Q9BQ75</b>	CMSS1	-0.293	cms1 ribosomal small subunit homolog
<b>Q8N1G2</b>	CMTR1	0.248	cap methyltransferase 1
<b>P62633</b>	CNBP	0.533	CCHC-type zinc finger nucleic acid binding protein
<b>Q99439</b>	CNN2	-0.221	calponin 2
<b>P09543-1</b>	CNP	0.416	2',3'-cyclic nucleotide 3' phosphodiesterase
<b>Q9Y2B0</b>	CNPY2	0.223	canopy FGF signaling regulator 2
<b>Q9Y2R0</b>	COA3	0.189	cytochrome c oxidase assembly factor 3
<b>Q96BR5</b>	COA7	0.177	cytochrome c oxidase assembly factor 7 (putative)
<b>Q9UP83-2</b>	COG5	-0.271	component of oligomeric golgi complex 5
<b>P38432</b>	COIL	0.404	coilin
<b>P02452</b>	COL1A1	-0.584	collagen type I alpha 1 chain
<b>P08123</b>	COL1A2	-0.666	collagen type I alpha 2 chain
<b>P02462</b>	COL4A1	-0.239	collagen type IV alpha 1 chain
<b>P08572</b>	COL4A2	-0.429	collagen type IV alpha 2 chain
<b>Q86VU5</b>	COMTD1	0.176	catechol-O-methyltransferase domain containing 1
<b>O14579-1</b>	COPE	-0.328	coatomer protein complex subunit epsilon
<b>Q9UBF2</b>	COPG2	-0.161	coatomer protein complex subunit gamma 2
<b>Q9Y2Z9</b>	COQ6	0.216	coenzyme Q6, monoxygenase
<b>Q8NI60-1</b>	COQ8A	0.474	coenzyme Q8A
<b>O75208</b>	COQ9	0.201	coenzyme Q9
<b>Q14019</b>	COTL1	-0.469	coactosin like F-actin binding protein 1
<b>P13073</b>	COX4I1	0.267	cytochrome c oxidase subunit 4I1
<b>O14548</b>	COX7A2L	-0.397	cytochrome c oxidase subunit 7A2 like
<b>P15954</b>	COX7C	0.2	cytochrome c oxidase subunit 7C
<b>P36551</b>	CPOX	0.223	coproporphyrinogen oxidase
<b>Q9BRF8-1</b>	CPPED1	-0.441	calcineurin like phosphoesterase domain containing 1
<b>P31327-3</b>	CPS1	-0.251	carbamoyl-phosphate synthase 1
<b>Q9P2I0</b>	CPSF2	0.161	cleavage and polyadenylation specific factor 2
<b>Q8N684-3</b>	CPSF7	0.174	cleavage and polyadenylation specific factor 7
<b>P23786</b>	CPT2	0.358	carnitine palmitoyltransferase 2
<b>P43155</b>	CRAT	0.233	carnitine O-acetyltransferase
<b>O75629</b>	CREG1	0.326	cellular repressor of E1A stimulated genes 1
<b>Q9NZV1</b>	CRIM1	-0.459	cysteine rich transmembrane BMP regulator 1
<b>P52943</b>	CRIP2	0.272	cysteine rich protein 2

<b>Q9BZJ0</b>	CRNKL1	0.214	crooked neck pre-mRNA splicing factor 1
<b>Q9UKG9-3</b>	CROT	0.204	carnitine O-octanoyltransferase
<b>Q68DQ2</b>	CRYBG3	-0.28	crystallin beta-gamma domain containing 3
<b>O75390</b>	CS	0.139	citrate synthase
<b>O75534-4</b>	CSDE1	-0.328	cold shock domain containing E1
<b>P68400</b>	CSNK2A1	0.147	casein kinase 2 alpha 1
<b>P19784</b>	CSNK2A2	0.177	casein kinase 2 alpha 2
<b>Q16527</b>	CSRP2	0.251	cysteine and glycine rich protein 2
<b>Q05048</b>	CSTF1	0.183	cleavage stimulation factor subunit 1
<b>Q9Y5B0</b>	CTDP1	-0.194	CTD phosphatase subunit 1
<b>O43310-2</b>	CTIF	-0.496	cap binding complex dependent translation initiation factor
<b>P35221</b>	CTNNA1	-0.208	catenin alpha 1
<b>Q6PD62</b>	CTR9	0.175	CTR9 homolog, Paf1/RNA polymerase II complex component
<b>P10619</b>	CTSA	0.224	cathepsin A
<b>P53634</b>	CTSC	0.137	cathepsin C
<b>P07339</b>	CTSD	0.28	cathepsin D
<b>P07711</b>	CTSL	0.194	cathepsin L
<b>P42830</b>	CXCL5	-0.695	C-X-C motif chemokine ligand 5
<b>Q9UHQ9</b>	CYB5R1	0.293	cytochrome b5 reductase 1
<b>P99999</b>	CYCS	0.262	cytochrome c, somatic
<b>Q96EP5</b>	DAZAP1	-0.403	DAZ associated protein 1
<b>P11182</b>	DBT	0.199	dihydrolipoamide branched chain transacylase E2
<b>Q8TEB1</b>	DCAF11	0.264	DDB1 and CUL4 associated factor 11
<b>Q9NV06</b>	DCAF13	-0.249	DDB1 and CUL4 associated factor 13
<b>Q96PD2-2</b>	DCBLD2	-0.297	discoidin, CUB and LCCL domain containing 2
<b>Q9H773</b>	DCTPP1	-0.235	dCTP pyrophosphatase 1
<b>Q7Z4W1</b>	DCXR	0.249	dicarbonyl and L-xylulose reductase
<b>Q92466</b>	DDB2	0.49	damage specific DNA binding protein 2
<b>Q96HY6</b>	DDRGK1	0.165	DDRGK domain containing 1
<b>P30046</b>	DDT	-0.393	D-dopachrome tautomerase
<b>Q92841</b>	DDX17	-0.134	DEAD-box helicase 17
<b>Q9NVP1</b>	DDX18	0.149	DEAD-box helicase 18
<b>Q9H8H2</b>	DDX31	-0.208	DEAD-box helicase 31
<b>Q9UJV9</b>	DDX41	0.198	DEAD-box helicase 41
<b>Q9Y6V7</b>	DDX49	-0.243	DEAD-box helicase 49
<b>Q9Y2R4</b>	DDX52	-0.182	DExD-box helicase 52
<b>Q9NY93</b>	DDX56	-0.414	DEAD-box helicase 56
<b>Q16698</b>	DECR1	0.201	2,4-dienoyl-CoA reductase 1
<b>Q9NU11</b>	DECR2	0.192	2,4-dienoyl-CoA reductase 2
<b>Q8WYQ5-1</b>	DGCR8	0.236	DGCR8 microprocessor complex subunit
<b>Q6IAN0</b>	DHRS7B	0.22	dehydrogenase/reductase 7B
<b>Q92620</b>	DHX38	0.139	DEAH-box helicase 38
<b>Q6P158-1</b>	DHX57	-0.245	DExH-box helicase 57
<b>O60879</b>	DIAPH2	-0.38	diaphanous related formin 2
<b>Q9NSV4</b>	DIAPH3	-0.448	diaphanous related formin 3
<b>Q9BTC0</b>	DIDO1	0.245	death inducer-obliterator 1
<b>Q9P265</b>	DIP2B	-0.315	disco interacting protein 2 homolog B

<b>Q8IYB7</b>	DIS3L2	-0.248	DIS3 like 3'-5' exoribonuclease 2
<b>O60832</b>	DKC1	0.168	dyskerin pseudouridine synthase 1
<b>O94907</b>	DKK1	-0.299	dickkopf WNT signaling pathway inhibitor 1
<b>P10515</b>	DLAT	0.19	dihydrolipoamide S-acetyltransferase
<b>P09622</b>	DLD	0.319	dihydrolipoamide dehydrogenase
<b>Q9Y2H0</b>	DLGAP4	-0.451	DLG associated protein 4
<b>P36957</b>	DLST	0.285	dihydrolipoamide S-succinyltransferase
<b>Q9NPF5</b>	DMAP1	0.18	DNA methyltransferase 1 associated protein 1
<b>Q86Y56</b>	DNAAF5	-0.214	dynein axonemal assembly factor 5
<b>P25685</b>	DNAJB1	0.28	DnaJ heat shock protein family (Hsp40) member B1
<b>O75190</b>	DNAJB6	-0.283	DnaJ heat shock protein family (Hsp40) member B6
<b>Q96KC8</b>	DNAJC1	-0.113	DnaJ heat shock protein family (Hsp40) member C1
<b>Q96DA6</b>	DNAJC19	0.384	DnaJ heat shock protein family (Hsp40) member C19
<b>Q05193</b>	DNM1	-0.207	dynamain 1
<b>Q6XZF7</b>	DNMBP	-0.236	dynamamin binding protein
<b>P26358-1</b>	DNMT1	-0.194	DNA methyltransferase 1
<b>Q96N67</b>	DOCK7	-0.149	dedicator of cytokinesis 7
<b>Q9BZ29-4</b>	DOCK9	-0.228	dedicator of cytokinesis 9
<b>Q9NYP3</b>	DONSON	0.302	downstream neighbor of SON
<b>Q86TI2-2</b>	DPP9	-0.143	dipeptidyl peptidase 9
<b>Q14919-2</b>	DRAP1	0.166	DR1 associated protein 1
<b>Q14126</b>	DSG2	0.122	desmoglein 2
<b>P15924-1</b>	DSP	-0.176	desmoplakin
<b>Q03001-7</b>	DST	-0.381	dystonin
<b>P60981-1</b>	DSTN	-0.192	destrin, actin depolymerizing factor
<b>Q8TDB6</b>	DTX3L	0.178	deltex E3 ubiquitin ligase 3L
<b>Q96G46</b>	DUS3L	0.224	dihydrouridine synthase 3 like
<b>Q9BVJ7</b>	DUSP23	-0.173	dual specificity phosphatase 23
<b>Q92997</b>	DVL3	0.278	dishevelled segment polarity protein 3
<b>Q14204</b>	DYNC1H1	-0.159	dynein cytoplasmic 1 heavy chain 1
<b>Q13409-2</b>	DYNC1I2	-0.185	dynein cytoplasmic 1 intermediate chain 2
<b>P63172</b>	DYNLT1	-0.549	dynein light chain Tctex-type 1
<b>O75923-13</b>	DYSF	-0.237	dysferlin
<b>Q13011</b>	ECH1	0.304	enoyl-CoA hydratase 1
<b>O75521</b>	ECI2	0.321	enoyl-CoA delta isomerase 2
<b>Q9BQ95</b>	ECSIT	0.209	ECSIT signalling integrator
<b>Q9H8V3-3</b>	ECT2	0.198	epithelial cell transforming 2
<b>Q3B7T1</b>	EDRF1	-0.547	erythroid differentiation regulatory factor 1
<b>Q05639</b>	EEF1A2	-0.316	eukaryotic translation elongation factor 1 alpha 2
<b>P29692-2</b>	EEF1D	0.326	eukaryotic translation elongation factor 1 delta
<b>O00418</b>	EEF2K	-0.432	eukaryotic elongation factor 2 kinase
<b>P57772</b>	EEFSEC	-0.2	eukaryotic elongation factor, selenocysteine-tRNA specific
<b>Q12805</b>	EFEMP1	-0.384	EGF containing fibulin extracellular matrix protein 1
<b>Q72222</b>	EFL1	-0.159	elongation factor like GTPase 1
<b>P98172</b>	EFNB1	0.287	ephrin B1
<b>P52799</b>	EFNB2	-0.301	ephrin B2
<b>P00533-1</b>	EGFR	-0.411	epidermal growth factor receptor

<b>Q8N3D4</b>	EHBP1L1	-0.218	EH domain binding protein 1 like 1
<b>Q9H223</b>	EHD4	-0.132	EH domain containing 4
<b>Q9H9B1</b>	EHMT1	-0.217	euchromatic histone lysine methyltransferase 1
<b>Q9P2K8-1</b>	EIF2AK4	-0.199	eukaryotic translation initiation factor 2 alpha kinase 4
<b>Q9NR50-1</b>	EIF2B3	-0.169	eukaryotic translation initiation factor 2B subunit gamma
<b>Q9UBQ5</b>	EIF3K	-0.249	eukaryotic translation initiation factor 3 subunit K
<b>P38919</b>	EIF4A3	0.288	eukaryotic translation initiation factor 4A3
<b>O43432-3</b>	EIF4G3	-0.273	eukaryotic translation initiation factor 4 gamma 3
<b>P55199</b>	ELL	0.319	elongation factor for RNA polymerase II
<b>Q14241</b>	ELOA	0.244	elongin A
<b>Q6IA86-6</b>	ELP2	-0.187	elongator acetyltransferase complex subunit 2
<b>Q9H9T3</b>	ELP3	-0.286	elongator acetyltransferase complex subunit 3
<b>Q96EB1-2</b>	ELP4	-0.377	elongator acetyltransferase complex subunit 4
<b>Q9P0I2</b>	EMC3	0.145	ER membrane protein complex subunit 3
<b>Q8N8S7-2</b>	ENAH	-0.334	ENAH actin regulator
<b>P17813</b>	ENG	-0.598	endoglin
<b>Q9UM22</b>	EPDR1	0.672	ependymin related 1
<b>Q9HCE0-1</b>	EPG5	-0.241	ectopic P-granules autophagy protein 5 homolog
<b>P29317</b>	EPHA2	0.303	EPH receptor A2
<b>P29323-3</b>	EPHB2	-0.373	EPH receptor B2
<b>P07099</b>	EPHX1	0.333	epoxide hydrolase 1
<b>O95208</b>	EPN2	0.616	epsin 2
<b>Q8IUD2-1</b>	ERC1	-0.36	ELKS/RAB6-interacting/CAST family member 1
<b>P19447</b>	ERCC3	0.22	ERCC excision repair 3, TFIIH core complex helicase subunit
<b>O43414-1</b>	ERI3	-0.402	ERI1 exoribonuclease family member 3
<b>A0FGR8-2</b>	ESYT2	0.155	extended synaptotagmin 2
<b>P62495</b>	ETF1	-0.271	eukaryotic translation termination factor 1
<b>P13804-1</b>	ETFA	0.203	electron transfer flavoprotein subunit alpha
<b>P38117</b>	ETFB	0.163	electron transfer flavoprotein subunit beta
<b>O60447-2</b>	EVI5	-0.398	ecotropic viral integration site 5
<b>Q96A65</b>	EXOC4	-0.454	exocyst complex component 4
<b>Q9Y2D4</b>	EXOC6B	-0.355	exocyst complex component 6B
<b>Q9NQT5</b>	EXOSC3	0.217	exosome component 3
<b>Q5RKV6</b>	EXOSC6	0.237	exosome component 6
<b>Q93063-3</b>	EXT2	-0.254	exostosin glycosyltransferase 2
<b>P13726</b>	F3	-0.28	coagulation factor III, tissue factor
<b>Q01469</b>	FABP5	-0.462	fatty acid binding protein 5
<b>O95864</b>	FADS2	-0.243	fatty acid desaturase 2
<b>Q9UNN5</b>	FAF1	-0.606	Fas associated factor 1
<b>Q6SJ93</b>	FAM111B	0.524	family with sequence similarity 111 member B
<b>Q8IWE2</b>	FAM114A1	-0.173	family with sequence similarity 114 member A1
<b>Q9NX05-1</b>	FAM120C	-0.235	family with sequence similarity 120C
<b>Q96A26</b>	FAM162A	0.229	family with sequence similarity 162 member A
<b>Q9NSI2</b>	FAM207A	-0.299	family with sequence similarity 207 member A
<b>O75063</b>	FAM20B	0.151	FAM20B glycosaminoglycan xylosylkinase
<b>Q92520</b>	FAM3C	0.193	family with sequence similarity 3 member C
<b>Q9H4H8</b>	FAM83D	0.365	family with sequence similarity 83 member D

<b>O95363</b>	FARS2	-0.279	phenylalanyl-tRNA synthetase 2, mitochondrial
<b>P25445</b>	FAS	0.371	Fas cell surface death receptor
<b>P49327</b>	FASN	-0.237	fatty acid synthase
<b>Q7L8L6</b>	FASTKD5	0.223	FAST kinase domains 5
<b>P23142</b>	FBLN1	-0.414	fibulin 1
<b>P35555</b>	FBN1	-0.478	fibrillin 1
<b>Q8N531-1</b>	FBXL6	0.619	F-box and leucine rich repeat protein 6
<b>Q9UKB1</b>	FBXW11	-0.15	F-box and WD repeat domain containing 11
<b>Q0JRZ9-1</b>	FCHO2	-0.328	FCH and mu domain containing endocytic adaptor 2
<b>O94868</b>	FCHSD2	-0.622	FCH and double SH3 domains 2
<b>Q8N0W3-2</b>	FCSK	-0.177	fucose kinase
<b>P37268</b>	FDFT1	-0.318	farnesyl-diphosphate farnesyltransferase 1
<b>P22570-3</b>	FDXR	0.539	ferredoxin reductase
<b>P22830-2</b>	FECH	0.296	ferrochelatase
<b>P39748</b>	FEN1	0.244	flap structure-specific endonuclease 1
<b>Q9UHY8-2</b>	FEZ2	-0.44	fasciculation and elongation protein zeta 2
<b>P02679</b>	FGG	-0.732	fibrinogen gamma chain
<b>Q2V2M9-4</b>	FHOD3	-0.406	formin homology 2 domain containing 3
<b>Q4L180</b>	FILIP1L	0.505	filamin A interacting protein 1 like
<b>P26885</b>	FKBP2	0.352	FKBP prolyl isomerase 2
<b>Q14254</b>	FLOT2	0.258	flotillin 2
<b>Q96CP2</b>	FLYWCH2	0.211	FLYWCH family member 2
<b>Q96PY5-3</b>	FMNL2	-0.531	formin like 2
<b>Q8IVF7</b>	FMNL3	-0.266	formin like 3
<b>P02751</b>	FN1	-0.919	fibronectin 1
<b>Q96RU3-1</b>	FNBP1	-0.409	formin binding protein 1
<b>Q53EP0</b>	FNDC3B	-0.503	fibronectin type III domain containing 3B
<b>Q5VW36</b>	FOCAD	-0.161	focadhesin
<b>P85037</b>	FOXX1	-0.256	forkhead box K1
<b>Q9BZ67</b>	FRMD8	0.388	FERM domain containing 8
<b>O94915-1</b>	FRYL	-0.235	FRY like transcription coactivator
<b>Q12841</b>	FSTL1	-0.42	follistatin like 1
<b>P02794</b>	FTH1	0.368	ferritin heavy chain 1
<b>P02792</b>	FTL	0.604	ferritin light chain
<b>Q9C0B1-1</b>	FTO	-0.411	FTO alpha-ketoglutarate dependent dioxygenase
<b>Q9UET6</b>	FTSJ1	-0.17	FtsJ RNA 2'-O-methyltransferase 1
<b>Q8IY81</b>	FTSJ3	0.117	FtsJ RNA 2'-O-methyltransferase 3
<b>P04066</b>	FUCA1	0.304	alpha-L-fucosidase 1
<b>Q9BTY2</b>	FUCA2	0.365	alpha-L-fucosidase 2
<b>Q13283</b>	G3BP1	-0.188	G3BP stress granule assembly factor 1
<b>Q9UN86</b>	G3BP2	-0.212	G3BP stress granule assembly factor 2
<b>P10253</b>	GAA	0.268	glucosidase alpha, acid
<b>O14976</b>	GAK	-0.151	cyclin G associated kinase
<b>Q86SR1</b>	GALNT10	-0.169	polypeptide N-acetylgalactosaminyltransferase 10
<b>Q14435</b>	GALNT3	-0.224	polypeptide N-acetylgalactosaminyltransferase 3
<b>Q8N4A0</b>	GALNT4	0.168	polypeptide N-acetylgalactosaminyltransferase 4
<b>Q86SF2</b>	GALNT7	-0.131	polypeptide N-acetylgalactosaminyltransferase 7

<b>Q9NY12</b>	GAR1	0.331	GAR1 ribonucleoprotein
<b>Q92538</b>	GBF1	-0.258	golgi brefeldin A resistant guanine nucleotide exchange factor 1
<b>Q92947-1</b>	GCDH	0.134	glutaryl-CoA dehydrogenase
<b>Q92616</b>	GCN1	-0.182	GCN1 activator of EIF2AK4
<b>P23434</b>	GCSH	0.258	glycine cleavage system protein H
<b>Q99988</b>	GDF15	0.849	growth differentiation factor 15
<b>O75223</b>	GGCT	-0.271	gamma-glutamylcyclotransferase
<b>Q9H3K2</b>	GHITM	0.276	growth hormone inducible transmembrane protein
<b>P17302</b>	GJA1	-0.251	gap junction protein alpha 1
<b>P32189-3</b>	GK	0.201	glycerol kinase
<b>P06280</b>	GLA	0.396	galactosidase alpha
<b>Q92896-2</b>	GLG1	-0.136	golgi glycoprotein 1
<b>P35754</b>	GLRX	-0.245	glutaredoxin
<b>O76003</b>	GLRX3	-0.447	glutaredoxin 3
<b>P00367</b>	GLUD1	0.232	glutamate dehydrogenase 1
<b>P15104</b>	GLUL	0.336	glutamate-ammonia ligase
<b>P17900</b>	GM2A	0.357	GM2 ganglioside activator
<b>O60547</b>	GMDS	-0.27	GDP-mannose 4,6-dehydratase
<b>P60983</b>	GMFB	-0.334	glia maturation factor beta
<b>O75496</b>	GMNN	0.463	geminin DNA replication inhibitor
<b>Q14344</b>	GNA13	0.279	G protein subunit alpha 13
<b>P63096-1</b>	GNAI1	0.15	G protein subunit alpha i1
<b>P63092-4</b>	GNAS	0.186	GNAS complex locus
<b>P62879</b>	GNB2	0.199	G protein subunit beta 2
<b>P61952</b>	GNG11	0.667	G protein subunit gamma 11
<b>P63218</b>	GNG5	0.343	G protein subunit gamma 5
<b>Q9BVP2</b>	GNL3	-0.249	G protein nucleolar 3
<b>P15586</b>	GNS	0.295	glucosamine (N-acetyl)-6-sulfatase
<b>Q9HD26</b>	GOPC	-0.151	golgi associated PDZ and coiled-coil motif containing
<b>P35052</b>	GPC1	0.443	glypican 1
<b>Q9Y625</b>	GPC6	-0.942	glypican 6
<b>Q9NQX3-2</b>	GPHN	-0.38	gephyrin
<b>Q8NFJ5</b>	GPRC5A	0.295	G protein-coupled receptor class C group 5 member A
<b>Q96CP6</b>	GRAMD1A	0.177	GRAM domain containing 1A
<b>Q13322-1</b>	GRB10	-0.539	growth factor receptor bound protein 10
<b>P62993</b>	GRB2	-0.527	growth factor receptor bound protein 2
<b>O60565</b>	GREM1	-0.5	gremlin 1, DAN family BMP antagonist
<b>Q8NEC7-1</b>	GSTCD	-0.379	glutathione S-transferase C-terminal domain containing
<b>P30711</b>	GSTT1	-0.149	glutathione S-transferase theta 1
<b>P13984</b>	GTF2F2	-0.415	general transcription factor IIF subunit 2
<b>P32780</b>	GTF2H1	0.239	general transcription factor IIH subunit 1
<b>A4D1E9</b>	GTPBP10	0.187	GTP binding protein 10
<b>Q9BZE4</b>	GTPBP4	-0.161	GTP binding protein 4
<b>Q9NYZ3</b>	GTSE1	0.23	G2 and S-phase expressed 1
<b>Q8N442</b>	GUF1	0.243	GUF1 homolog, GTPase
<b>P46976</b>	GYG1	0.319	glycogenin 1
<b>P16401</b>	H1-5	0.385	H1.5 linker histone, cluster member

<b>P0C055</b>	H2AZ1	0.234	H2A.Z variant histone 1
<b>Q16836-2</b>	HADH	0.136	hydroxyacyl-CoA dehydrogenase
<b>P40939</b>	HADHA	0.318	hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit alpha
<b>P55084</b>	HADHB	0.263	hydroxyacyl-CoA dehydrogenase trifunctional multienzyme complex subunit beta
<b>P49590</b>	HARS2	0.161	histidyl-tRNA synthetase 2, mitochondrial
<b>O14929</b>	HAT1	0.165	histone acetyltransferase 1
<b>P53701</b>	HCCS	0.18	holocytochrome c synthase
<b>Q8WUI4-5</b>	HDAC7	-0.549	histone deacetylase 7
<b>Q9BXW7</b>	HDHD5	0.112	haloacid dehalogenase like hydrolase domain containing 5
<b>Q00341</b>	HDLBP	-0.289	high density lipoprotein binding protein
<b>Q6AI08</b>	HEATR6	-0.147	HEAT repeat containing 6
<b>Q9Y5Z4</b>	HEBP2	-0.493	heme binding protein 2
<b>Q5T447</b>	HECTD3	-0.185	HECT domain E3 ubiquitin protein ligase 3
<b>P07686</b>	HEXB	0.26	hexosaminidase subunit beta
<b>O94992</b>	HEXIM1	0.571	HEXIM P-TEFb complex subunit 1
<b>Q9BX68</b>	HINT2	0.203	histidine triad nucleotide binding protein 2
<b>P54198</b>	HIRA	-0.242	histone cell cycle regulator
<b>P04439</b>	HLA-A	0.208	major histocompatibility complex, class I, A
<b>P05534</b>	HLA-A	0.2	major histocompatibility complex, class I, A
<b>P01889</b>	HLA-B	0.336	major histocompatibility complex, class I, B
<b>P30481</b>	HLA-B	0.288	major histocompatibility complex, class I, B
<b>A0A140T9H5</b>	HLA-C	0.316	major histocompatibility complex, class I, C
<b>P20036</b>	HLA-DPA1	0.148	major histocompatibility complex, class II, DP alpha 1
<b>A0A182DWE9</b>	HLA-DPB1	0.246	major histocompatibility complex, class II, DP beta 1
<b>P20039</b>	HLA-DRB1	0.331	major histocompatibility complex, class II, DR beta 1
<b>Q14527</b>	HLTF	-0.311	helicase like transcription factor
<b>P09429</b>	HMGB1	0.182	high mobility group box 1
<b>P35914</b>	HMGCL	0.252	3-hydroxy-3-methylglutaryl-CoA lyase
<b>Q01581</b>	HMGCS1	-0.249	3-hydroxy-3-methylglutaryl-CoA synthase 1
<b>P05204</b>	HMGN2	0.236	high mobility group nucleosomal binding domain 2
<b>O00479</b>	HMGN4	0.442	high mobility group nucleosomal binding domain 4
<b>O75330-3</b>	HMMR	0.205	hyaluronan mediated motility receptor
<b>P09601</b>	HMOX1	0.236	heme oxygenase 1
<b>P30519</b>	HMOX2	0.171	heme oxygenase 2
<b>Q13151</b>	HNRNPA0	0.23	heterogeneous nuclear ribonucleoprotein A0
<b>P51991</b>	HNRNPA3	-0.256	heterogeneous nuclear ribonucleoprotein A3
<b>O14979-1</b>	HNRNPDL	-0.301	heterogeneous nuclear ribonucleoprotein D like
<b>P31943</b>	HNRNPH1	-0.174	heterogeneous nuclear ribonucleoprotein H1
<b>P52272</b>	HNRNPM	0.156	heterogeneous nuclear ribonucleoprotein M
<b>Q9BUJ2-1</b>	HNRNPUL1	0.126	heterogeneous nuclear ribonucleoprotein U like 1
<b>Q1KMD3</b>	HNRNPUL2	0.284	heterogeneous nuclear ribonucleoprotein U like 2
<b>Q86VS8</b>	HOOK3	-0.343	hook microtubule tethering protein 3
<b>Q5SSJ5</b>	HP1BP3	0.318	heterochromatin protein 1 binding protein 3
<b>P37235</b>	HPCAL1	-0.325	hippocalcin like 1
<b>O75506</b>	HSBP1	-0.3	heat shock factor binding protein 1
<b>P28845</b>	HSD11B1	0.556	hydroxysteroid 11-beta dehydrogenase 1
<b>P51659-1</b>	HSD17B4	0.172	hydroxysteroid 17-beta dehydrogenase 4

<b>Q3SXM5</b>	HSDL1	0.265	hydroxysteroid dehydrogenase like 1
<b>Q6YN16</b>	HSDL2	0.153	hydroxysteroid dehydrogenase like 2
<b>Q0VDF9</b>	HSPA14	-0.187	heat shock protein family A (Hsp70) member 14
<b>P0DMV9</b>	HSPA1A/HSPA1B	0.213	heat shock protein family A (Hsp70) member 1A
<b>P54652</b>	HSPA2	0.237	heat shock protein family A (Hsp70) member 2
<b>O95757</b>	HSPA4L	0.204	heat shock protein family A (Hsp70) member 4 like
<b>P38646</b>	HSPA9	0.184	heat shock protein family A (Hsp70) member 9
<b>Q9Y547</b>	HSPB11	-0.71	heat shock protein family B (small) member 11
<b>Q9UJY1</b>	HSPB8	0.377	heat shock protein family B (small) member 8
<b>P10809</b>	HSPD1	0.21	heat shock protein family D (Hsp60) member 1
<b>P61604</b>	HSPE1	0.552	heat shock protein family E (Hsp10) member 1
<b>P98160</b>	HSPG2	-0.461	heparan sulfate proteoglycan 2
<b>Q9BUP3-3</b>	HTATIP2	0.399	HIV-1 Tat interactive protein 2
<b>Q92743</b>	HTRA1	-0.554	HtrA serine peptidase 1
<b>Q726Z7</b>	HUWE1	-0.288	HECT, UBA and WWE domain containing E3 ubiquitin protein ligase 1
<b>Q9NSE4</b>	IARS2	0.165	isoleucyl-tRNA synthetase 2, mitochondrial
<b>P05362</b>	ICAM1	0.144	intercellular adhesion molecule 1
<b>P48735</b>	IDH2	0.184	isocitrate dehydrogenase (NADP(+)) 2
<b>P50213</b>	IDH3A	0.195	isocitrate dehydrogenase (NAD(+)) 3 catalytic subunit alpha
<b>O43837</b>	IDH3B	0.246	isocitrate dehydrogenase (NAD(+)) 3 non-catalytic subunit beta
<b>Q16666-1</b>	IFI16	0.232	interferon gamma inducible protein 16
<b>P80217-2</b>	IFI35	0.195	interferon induced protein 35
<b>P09914</b>	IFIT1	0.175	interferon induced protein with tetratricopeptide repeats 1
<b>P09913</b>	IFIT2	0.318	interferon induced protein with tetratricopeptide repeats 2
<b>O14879</b>	IFIT3	0.382	interferon induced protein with tetratricopeptide repeats 3
<b>Q9NZI8</b>	IGF2BP1	-0.266	insulin like growth factor 2 mRNA binding protein 1
<b>Q9Y6M1</b>	IGF2BP2	-0.285	insulin like growth factor 2 mRNA binding protein 2
<b>O00425</b>	IGF2BP3	-0.256	insulin like growth factor 2 mRNA binding protein 3
<b>P11717</b>	IGF2R	-0.245	insulin like growth factor 2 receptor
<b>Q13123</b>	IK	0.174	IK cytokine
<b>Q70UQ0-4</b>	IKBIP	0.148	IKBKB interacting protein
<b>P01584</b>	IL1B	0.31	interleukin 1 beta
<b>Q9NQS7</b>	INCENP	0.358	inner centromere protein
<b>O15327</b>	INPP4B	-0.541	inositol polyphosphate-4-phosphatase type II B
<b>Q9Y2H2-1</b>	INPP5F	-0.224	inositol polyphosphate-5-phosphatase F
<b>Q8TEX9-2</b>	IPO4	-0.208	importin 4
<b>O95373</b>	IPO7	-0.265	importin 7
<b>Q5JU85-2</b>	IQSEC2	-0.164	IQ motif and Sec7 domain ArfGEF 2
<b>Q9Y616</b>	IRAK3	-0.42	interleukin 1 receptor associated kinase 3
<b>Q9H1B7</b>	IRF2BPL	0.306	interferon regulatory factor 2 binding protein like
<b>P35568</b>	IRS1	-0.186	insulin receptor substrate 1
<b>Q9BUE6-2</b>	ISCA1	0.354	iron-sulfur cluster assembly 1
<b>Q96J02</b>	ITCH	-0.306	itchy E3 ubiquitin protein ligase
<b>P26006</b>	ITGA3	-0.209	integrin subunit alpha 3
<b>P19827</b>	ITIH1	-0.703	inter-alpha-trypsin inhibitor heavy chain 1
<b>Q14624-1</b>	ITIH4	-0.751	inter-alpha-trypsin inhibitor heavy chain 4
<b>Q14571</b>	ITPR2	-0.26	inositol 1,4,5-trisphosphate receptor type 2

<b>Q8IWB1</b>	ITPRIP	0.253	inositol 1,4,5-trisphosphate receptor interacting protein
<b>Q15811</b>	ITSN1	-0.384	intersectin 1
<b>P26440</b>	IVD	0.153	isovaleryl-CoA dehydrogenase
<b>Q9Y6Y0</b>	IVNS1ABP	-0.306	influenza virus NS1A binding protein
<b>P23458</b>	JAK1	-0.214	Janus kinase 1
<b>Q9UK76-2</b>	JPT1	-0.441	Jupiter microtubule associated homolog 1
<b>P17275</b>	JUNB	0.276	JunB proto-oncogene, AP-1 transcription factor subunit
<b>O95251-1</b>	KAT7	0.419	lysine acetyltransferase 7
<b>Q9P0J7</b>	KCMF1	-0.215	potassium channel modulatory factor 1
<b>Q9Y2K7</b>	KDM2A	0.634	lysine demethylase 2A
<b>O15037</b>	KHNYN	0.244	KH and NYN domain containing
<b>Q92945</b>	KHSRP	0.145	KH-type splicing regulatory protein
<b>Q9BY89-1</b>	KIAA1671	-0.499	KIAA1671
<b>P52732</b>	KIF11	0.227	kinesin family member 11
<b>Q9H1H9</b>	KIF13A	-0.283	kinesin family member 13A
<b>Q9NQT8</b>	KIF13B	-0.236	kinesin family member 13B
<b>Q14807</b>	KIF22	0.398	kinesin family member 22
<b>Q99661</b>	KIF2C	0.269	kinesin family member 2C
<b>Q9BW19</b>	KIFC1	0.248	kinesin family member C1
<b>Q8TBB5</b>	KLHDC4	-0.43	kelch domain containing 4
<b>Q03164-3</b>	KMT2A	0.182	lysine methyltransferase 2A
<b>Q8NG31-1</b>	KNL1	0.185	kinetochore scaffold 1
<b>Q1ED39</b>	KNOP1	0.3	lysine rich nucleolar protein 1
<b>P50748</b>	KNTC1	-0.248	kinetochore associated 1
<b>P52294</b>	KPNA1	-0.241	karyopherin subunit alpha 1
<b>O00505</b>	KPNA3	-0.373	karyopherin subunit alpha 3
<b>O00629</b>	KPNA4	-0.314	karyopherin subunit alpha 4
<b>O60684</b>	KPNA6	-0.244	karyopherin subunit alpha 6
<b>Q14974</b>	KPNB1	-0.26	karyopherin subunit beta 1
<b>Q8N9T8</b>	KRI1	0.183	KRI1 homolog
<b>Q14533</b>	KRT81	-0.766	keratin 81
<b>Q9BQD3</b>	KXD1	-0.204	KxDL motif containing 1
<b>Q9H9P8-1</b>	L2HGDH	0.2	L-2-hydroxyglutarate dehydrogenase
<b>Q96EM0</b>	L3HYPDH	-0.199	trans-L-3-hydroxyproline dehydratase
<b>O15230</b>	LAMA5	-0.378	laminin subunit alpha 5
<b>P07942</b>	LAMB1	-0.278	laminin subunit beta 1
<b>P11047</b>	LAMC1	-0.319	laminin subunit gamma 1
<b>Q13753</b>	LAMC2	-0.271	laminin subunit gamma 2
<b>Q6IAA8</b>	LAMTOR1	0.191	late endosomal/lysosomal adaptor, MAPK and MTOR activator 1
<b>P28838-2</b>	LAP3	0.139	leucine aminopeptidase 3
<b>Q659C4</b>	LARP1B	-0.351	La ribonucleoprotein domain family member 1B
<b>P01130</b>	LDLR	-0.436	low density lipoprotein receptor
<b>Q8NC56-1</b>	LEMD2	0.316	LEM domain containing 2
<b>Q8WVC0</b>	LEO1	0.217	LEO1 homolog, Paf1/RNA polymerase II complex component
<b>O95202</b>	LETM1	0.14	leucine zipper and EF-hand containing transmembrane protein 1
<b>Q08380</b>	LGALS3BP	0.154	galectin 3 binding protein
<b>Q99538</b>	LGMN	0.19	legumain

Q9UPQ0	LIMCH1	-0.487	LIM and calponin homology domains 1
Q03252	LMNB2	0.167	lamin B2
Q9Y4K0	LOXL2	-0.435	lysyl oxidase like 2
Q93052	LPP	-0.314	LIM domain containing preferred translocation partner in lipoma
P50851-2	LRBA	-0.397	LPS responsive beige-like anchor protein
O75427	LRCH4	0.188	leucine rich repeats and calponin homology domain containing 4
Q07954	LRP1	-0.289	LDL receptor related protein 1
P30533	LRPAP1	0.178	LDL receptor related protein associated protein 1
Q96AG4	LRRC59	0.252	leucine rich repeat containing 59
Q8IWT6	LRRC8A	0.175	leucine rich repeat containing 8 VRAC subunit A
Q6NSJ5	LRRC8E	0.183	leucine rich repeat containing 8 VRAC subunit E
Q6UWE0	LRSAM1	-0.361	leucine rich repeat and sterile alpha motif containing 1
Q9UFC0	LRWD1	0.158	leucine rich repeats and WD repeat domain containing 1
Q9BX40	LSM14B	0.364	LSM family member 14B
Q9Y4Z0	LSM4	0.189	LSM4 homolog, U6 small nuclear RNA and mRNA degradation associated
Q9UK45	LSM7	0.216	LSM7 homolog, U6 small nuclear RNA and mRNA degradation associated
Q14766-4	LTBP1	-0.565	latent transforming growth factor beta binding protein 1
O94822-3	LTN1	-0.19	listerin E3 ubiquitin protein ligase 1
Q96GA3	LTV1	-0.257	LTV1 ribosome biogenesis factor
Q9NQ29	LUC7L	0.24	LUC7 like
Q9Y383	LUC7L2	0.271	LUC7 like 2, pre-mRNA splicing factor
O95232	LUC7L3	0.321	LUC7 like 3 pre-mRNA splicing factor
Q9NX58	LYAR	0.173	Ly1 antibody reactive
Q5U5X0	LYRM7	0.319	LYR motif containing 7
Q8WZA0-2	LZIC	-0.379	leucine zipper and CTNNBIP1 domain containing
Q9UPN3	MACF1	-0.34	microtubule actin crosslinking factor 1
Q9UPN3-5	MACF1	-0.255	microtubule actin crosslinking factor 1
O75367	MACROH2A1	0.252	macroH2A.1 histone
Q9Y6D9	MAD1L1	-0.186	mitotic arrest deficient 1 like 1
Q8WXG6-4	MADD	0.209	MAP kinase activating death domain
Q9ULX9	MAFF	0.885	MAF bZIP transcription factor F
O00754	MAN2B1	0.141	mannosidase alpha class 2B member 1
O00462	MANBA	-0.209	mannosidase beta
P46821	MAP1B	-0.221	microtubule associated protein 1B
P11137	MAP2	-0.164	microtubule associated protein 2
Q9Y6R4-1	MAP3K4	-0.284	mitogen-activated protein kinase kinase kinase 4
P27816-1	MAP4	-0.278	microtubule associated protein 4
Q16644	MAPKAPK3	-0.201	MAPK activated protein kinase 3
Q969Z3-1	MARC2	0.194	mitochondrial amidoxime reducing component 2
P49006	MARCKSL1	0.336	MARCKS like 1
Q96GX5	MASTL	0.323	microtubule associated serine/threonine kinase like
Q9NZL9	MAT2B	0.152	methionine adenosyltransferase 2B
A0A0R4J2E8	MATR3	0.149	matrin 3
P43121	MCAM	0.212	melanoma cell adhesion molecule
P23508-2	MCC	-0.536	MCC regulator of WNT signaling pathway
Q96RQ3	MCCC1	0.124	methylcrotonoyl-CoA carboxylase 1
Q96EZ8-2	MCRS1	-0.563	microspherule protein 1

P40926	MDH2	0.276	malate dehydrogenase 2
P48163	ME1	-0.181	malic enzyme 1
P23368	ME2	0.22	malic enzyme 2
P51608-2	MECP2	0.222	methyl-CpG binding protein 2
Q15648	MED1	0.305	mediator complex subunit 1
Q9H944	MED20	0.28	mediator complex subunit 20
Q9Y316	MEMO1	-0.359	mediator of cell motility 1
Q7L2J0-1	MEPCE	0.368	methylphosphate capping enzyme
Q9H8H3	METTL7A	0.26	methyltransferase like 7A
P55081	MFAP1	0.259	microfibril associated protein 1
O95140	MFN2	0.175	mitofusin 2
P26572	MGAT1	0.235	mannosyl (alpha-1,3-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase
Q99685	MGLL	-0.479	monoglyceride lipase
Q9BQP7	MGME1	0.512	mitochondrial genome maintenance exonuclease 1
Q96PC5	MIA2	0.176	MIA SH3 domain ER export factor 2
O94851-4	MICAL2	-0.294	microtubule associated monoxygenase, calponin and LIM domain containing 2
Q7RTP6	MICAL3	-0.212	microtubule associated monoxygenase, calponin and LIM domain containing 3
Q99797	MIPEP	-0.182	mitochondrial intermediate peptidase
P46013	MKI67	0.247	marker of proliferation Ki-67
Q14165	MLEC	0.194	malectin
Q8NB16	MLKL	-0.174	mixed lineage kinase domain like pseudokinase
Q13015	MLLT11	0.298	MLLT11 transcription factor 7 cofactor
Q9Y4U1	MMACHC	-0.521	metabolism of cobalamin associated C
Q8N4V1	MMGT1	0.68	membrane magnesium transporter 1
P50281	MMP14	-0.127	matrix metalloproteinase 14
Q96T76-8	MMS19	-0.208	MMS19 homolog, cytosolic iron-sulfur assembly component
Q7Z3U7	MON2	-0.259	MON2 homolog, regulator of endosome-to-Golgi trafficking
Q14149	MORC3	0.143	MORC family CW-type zinc finger 3
Q15014	MORF4L2	0.163	mortality factor 4 like 2
Q8NHP6	MOSPD2	0.453	motile sperm domain containing 2
O00566	MPHOSPH10	0.251	M-phase phosphoprotein 10
Q99547	MPHOSPH6	0.422	M-phase phosphoprotein 6
Q99549	MPHOSPH8	0.156	M-phase phosphoprotein 8
P39210	MPV17	0.252	mitochondrial inner membrane protein MPV17
Q9UBG0	MRC2	-0.132	mannose receptor C type 2
P49959-3	MRE11	0.196	MRE11 homolog, double strand break repair nuclease
Q9HC36	MRM3	0.341	mitochondrial rRNA methyltransferase 3
Q9Y3B7-1	MRPL11	0.147	mitochondrial ribosomal protein L11
Q9NX20	MRPL16	0.207	mitochondrial ribosomal protein L16
Q9NRX2	MRPL17	0.19	mitochondrial ribosomal protein L17
P49406	MRPL19	0.255	mitochondrial ribosomal protein L19
P09001	MRPL3	0.261	mitochondrial ribosomal protein L3
Q9NYK5	MRPL39	0.145	mitochondrial ribosomal protein L39
Q9BRJ2	MRPL45	0.217	mitochondrial ribosomal protein L45
Q4U2R6	MRPL51	0.244	mitochondrial ribosomal protein L51
Q86TS9	MRPL52	0.333	mitochondrial ribosomal protein L52
Q6P161	MRPL54	-0.136	mitochondrial ribosomal protein L54

<b>Q9BQC6</b>	MRPL57	0.32	mitochondrial ribosomal protein L57
<b>P82912</b>	MRPS11	0.256	mitochondrial ribosomal protein S11
<b>O15235</b>	MRPS12	0.488	mitochondrial ribosomal protein S12
<b>Q9Y3D5</b>	MRPS18C	0.362	mitochondrial ribosomal protein S18C
<b>Q9BYN8</b>	MRPS26	0.183	mitochondrial ribosomal protein S26
<b>Q9NP92</b>	MRPS30	0.213	mitochondrial ribosomal protein S30
<b>P82909</b>	MRPS36	0.271	mitochondrial ribosomal protein S36
<b>P82675</b>	MRPS5	0.164	mitochondrial ribosomal protein S5
<b>P82932</b>	MRPS6	0.277	mitochondrial ribosomal protein S6
<b>Q96E11</b>	MRRF	0.121	mitochondrial ribosome recycling factor
<b>P04731</b>	MT1A	1.035	metallothionein 1A
<b>O94776</b>	MTA2	0.237	metastasis associated 1 family member 2
<b>Q9NZJ7</b>	MTCH1	0.137	mitochondrial carrier 1
<b>Q6UB35-1</b>	MTHFD1L	-0.212	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 1 like
<b>P13995</b>	MTHFD2	0.311	methylenetetrahydrofolate dehydrogenase (NADP+ dependent) 2, methenyltetrahydrofolate
<b>P42345</b>	MTOR	-0.184	mechanistic target of rapamycin kinase
<b>P58546</b>	MTPN	-0.451	myotrophin
<b>Q99707</b>	MTR	-0.241	5-methyltetrahydrofolate-homocysteine methyltransferase
<b>Q13505</b>	MTX1	0.15	metaxin 1
<b>O75431</b>	MTX2	0.162	metaxin 2
<b>Q5HYI7</b>	MTX3	0.391	metaxin 3
<b>Q03426</b>	MVK	-0.309	mevalonate kinase
<b>Q9BQG0-2</b>	MYBBP1A	-0.189	MYB binding protein 1a
<b>O75592-1</b>	MYCBP2	-0.362	MYC binding protein 2
<b>Q969H8</b>	MYDGF	0.265	myeloid derived growth factor
<b>P35579</b>	MYH9	-0.225	myosin heavy chain 9
<b>P24844-1</b>	MYL9	-0.613	myosin light chain 9
<b>Q12965</b>	MYO1E	-0.29	myosin IE
<b>Q13459</b>	MYO9B	-0.275	myosin IXB
<b>Q9NZM1</b>	MYOF	-0.139	myoferlin
<b>Q9Y2G1</b>	MYRF	-0.443	myelin regulatory factor
<b>Q14CX7</b>	NAA25	-0.192	N(alpha)-acetyltransferase 25, NatB auxiliary subunit
<b>Q9GZZ1-1</b>	NAA50	-0.2	N(alpha)-acetyltransferase 50, NatE catalytic subunit
<b>E9PAV3</b>	NACA	-0.449	nascent polypeptide associated complex subunit alpha
<b>P54920</b>	NAPA	-0.22	NSF attachment protein alpha
<b>Q8NEY1</b>	NAV1	-0.526	neuron navigator 1
<b>A2RRP1</b>	NBAS	-0.244	NBAS subunit of NRZ tethering complex
<b>Q53F19</b>	NCBP3	0.234	nuclear cap binding subunit 3
<b>Q9UBB6-3</b>	NCDN	-0.156	neurochondrin
<b>O43639</b>	NCK2	-0.225	NCK adaptor protein 2
<b>Q9NXR1-1</b>	NDE1	-0.208	nudE neurodevelopment protein 1
<b>Q9UGV2</b>	NDRG3	-0.28	NDRG family member 3
<b>O95299</b>	NDUFA10	0.197	NADH:ubiquinone oxidoreductase subunit A10
<b>O43678</b>	NDUFA2	0.18	NADH:ubiquinone oxidoreductase subunit A2
<b>Q16718</b>	NDUFA5	0.178	NADH:ubiquinone oxidoreductase subunit A5
<b>P56556</b>	NDUFA6	0.279	NADH:ubiquinone oxidoreductase subunit A6
<b>O95182</b>	NDUFA7	0.236	NADH:ubiquinone oxidoreductase subunit A7

<b>O75438</b>	NDUFB1	0.331	NADH:ubiquinone oxidoreductase subunit B1
<b>O96000</b>	NDUFB10	0.239	NADH:ubiquinone oxidoreductase subunit B10
<b>Q9NX14-2</b>	NDUFB11	0.188	NADH:ubiquinone oxidoreductase subunit B11
<b>O43674-1</b>	NDUFB5	0.231	NADH:ubiquinone oxidoreductase subunit B5
<b>O95139</b>	NDUFB6	0.136	NADH:ubiquinone oxidoreductase subunit B6
<b>O95169</b>	NDUFB8	0.175	NADH:ubiquinone oxidoreductase subunit B8
<b>Q9Y6M9</b>	NDUFB9	0.285	NADH:ubiquinone oxidoreductase subunit B9
<b>O95298</b>	NDUFC2	0.202	NADH:ubiquinone oxidoreductase subunit C2
<b>O43920</b>	NDUFS5	0.151	NADH:ubiquinone oxidoreductase subunit S5
<b>O75380</b>	NDUFS6	0.257	NADH:ubiquinone oxidoreductase subunit S6
<b>O75251</b>	NDUFS7	0.19	NADH:ubiquinone oxidoreductase core subunit S7
<b>O00217</b>	NDUFS8	0.245	NADH:ubiquinone oxidoreductase core subunit S8
<b>P49821</b>	NDUFV1	0.21	NADH:ubiquinone oxidoreductase core subunit V1
<b>P46934-4</b>	NEDD4	-0.273	NEDD4 E3 ubiquitin protein ligase
<b>Q96PU5</b>	NEDD4L	-0.361	NEDD4 like E3 ubiquitin protein ligase
<b>Q8IXH7</b>	NELFCD	0.188	negative elongation factor complex member C/D
<b>P18615</b>	NELFE	0.155	negative elongation factor complex member E
<b>O60524</b>	NEMF	-0.181	nuclear export mediator factor
<b>P19838-2</b>	NFKB1	-0.157	nuclear factor kappa B subunit 1
<b>Q96IV0</b>	NGLY1	-0.399	N-glycanase 1
<b>Q8NBF2</b>	NHLRC2	-0.18	NHL repeat containing 2
<b>Q9BZQ8</b>	NIBAN1	-0.264	niban apoptosis regulator 1
<b>Q96TA1</b>	NIBAN2	-0.208	niban apoptosis regulator 2
<b>Q9BPW8</b>	NIPSNAP1	0.286	nipsnap homolog 1
<b>O75323-1</b>	NIPSNAP2	0.534	nipsnap homolog 2
<b>Q9UFN0</b>	NIPSNAP3A	0.164	nipsnap homolog 3A
<b>Q9Y2I1</b>	NISCH	0.225	nischarin
<b>Q86X76-3</b>	NIT1	0.862	nitrilase 1
<b>O15226-2</b>	NKRF	0.218	NFKB repressing factor
<b>P30414</b>	NKTR	0.376	natural killer cell triggering receptor
<b>Q13423</b>	NNT	0.165	nicotinamide nucleotide transhydrogenase
<b>Q8WTT2</b>	NOC3L	0.218	NOC3 like DNA replication regulator
<b>Q9BVI4</b>	NOC4L	-0.15	nucleolar complex associated 4 homolog
<b>Q15233</b>	NONO	0.157	non-POU domain containing octamer binding
<b>Q9NZM5</b>	NOP53	-0.601	NOP53 ribosome biogenesis factor
<b>O00567</b>	NOP56	0.16	NOP56 ribonucleoprotein
<b>Q9Y2X3</b>	NOP58	0.135	NOP58 ribonucleoprotein
<b>O15118</b>	NPC1	0.169	NPC intracellular cholesterol transporter 1
<b>P06748-2</b>	NPM1	0.842	nucleophosmin 1
<b>Q12980</b>	NPRL3	-0.343	NPR3 like, GATOR1 complex subunit
<b>P15559-1</b>	NQO1	0.217	NAD(P)H quinone dehydrogenase 1
<b>P13056-1</b>	NR2C1	-0.657	nuclear receptor subfamily 2 group C member 1
<b>P04150-3</b>	NR3C1	0.225	nuclear receptor subfamily 3 group C member 1
<b>O14786-1</b>	NRP1	-0.369	neuropilin 1
<b>O95478</b>	NSA2	-0.454	NSA2 ribosome biogenesis factor
<b>O96028-1</b>	NSD2	-0.189	nuclear receptor binding SET domain protein 2
<b>Q9H857-2</b>	NT5DC2	0.137	5'-nucleotidase domain containing 2

Q9Y266	NUDC	-0.285	nuclear distribution C, dynein complex regulator
Q96RS6	NUDCD1	-0.171	NudC domain containing 1
A8MXV4	NUDT19	0.266	nudix hydrolase 19
O43809	NUDT21	0.221	nudix hydrolase 21
Q7Z417	NUFIP2	0.293	nuclear FMR1 interacting protein 2
P49757	NUMB	-0.194	NUMB endocytic adaptor protein
Q8NFH3	NUP43	0.167	nucleoporin 43
Q9UKX7	NUP50	0.17	nucleoporin 50
Q9UBU9-1	NXF1	0.351	nuclear RNA export factor 1
Q9Y530	OARD1	-0.636	O-acyl-ADP-ribose deacylase 1
P04181	OAT	0.22	ornithine aminotransferase
Q56VL3	OCIAD2	0.209	OCIA domain containing 2
Q8N543	OGFOD1	0.154	2-oxoglutarate and iron dependent oxygenase domain containing 1
O15294	OGT	-0.133	O-linked N-acetylglucosamine (GlcNAc) transferase
Q9NTK5-1	OLA1	-0.234	Obg like ATPase 1
O60313-2	OPA1	0.119	OPA1 mitochondrial dynamin like GTPase
Q9BXB4	OSBPL11	0.146	oxysterol binding protein like 11
Q92882	OSTF1	-0.464	osteoclast stimulating factor 1
Q96FW1	OTUB1	-0.236	OTU deubiquitinase, ubiquitin aldehyde binding 1
P55809	OXCT1	0.222	3-oxoacid CoA-transferase 1
Q8N573-1	OXR1	-0.273	oxidation resistance 1
O95747	OXSR1	-0.175	oxidative stress responsive kinase 1
Q8IVL5	P3H2	-0.319	prolyl 3-hydroxylase 2
P11940	PABPC1	-0.154	poly(A) binding protein cytoplasmic 1
Q6VY07	PACS1	-0.312	phosphofurin acidic cluster sorting protein 1
Q9UKS6	PACSIN3	0.211	protein kinase C and casein kinase substrate in neurons 3
Q8N7H5	PAF1	0.28	PAF1 homolog, Paf1/RNA polymerase II complex component
P68402	PAFAH1B2	-0.182	platelet activating factor acetylhydrolase 1b catalytic subunit 2
Q9H074	PAIP1	-0.209	poly(A) binding protein interacting protein 1
Q8WX93-1	PALLD	-0.208	palladin, cytoskeletal associated protein
Q96RD7-1	PANX1	0.193	pannexin 1
Q8TEW0	PARD3	-0.379	par-3 family cell polarity regulator
O95453	PARN	-0.285	poly(A)-specific ribonuclease
P09874	PARP1	0.139	poly(ADP-ribose) polymerase 1
Q9UKK3	PARP4	-0.151	poly(ADP-ribose) polymerase family member 4
Q7L3T8	PARS2	0.172	prolyl-tRNA synthetase 2, mitochondrial
Q9HBI1	PARVB	-0.254	parvin beta
Q96IZ0	PAWR	-0.276	pro-apoptotic WT1 regulator
Q9Y5B6	PAXBP1	0.419	PAX3 and PAX7 binding protein 1
Q96AQ6	PBXIP1	0.149	PBX homeobox interacting protein 1
Q16822	PCK2	0.185	phosphoenolpyruvate carboxykinase 2, mitochondrial
Q15004	PCLAF	0.453	PCNA clamp associated factor
Q8NBM8	PCYOX1L	0.29	prenylcysteine oxidase 1 like
Q99447-3	PCYT2	-0.216	phosphate cytidyltransferase 2, ethanolamine
Q14690	PDCD11	-0.136	programmed cell death 11
Q53EL6	PDCD4	0.304	programmed cell death 4
Q9H2J4	PDCL3	-0.159	phosducin like 3

P08559-4	PDHA1	0.252	pyruvate dehydrogenase E1 alpha 1 subunit
P11177	PDHB	0.191	pyruvate dehydrogenase E1 beta subunit
P30101	PDIA3	0.193	protein disulfide isomerase family A member 3
Q14554	PDIA5	0.155	protein disulfide isomerase family A member 5
Q96HC4	PDLIM5	-0.208	PDZ and LIM domain 5
Q9POJ1-2	PDP1	0.29	pyruvate dehydrogenase phosphatase catalytic subunit 1
Q5EBL8-2	PDZD11	-0.243	PDZ domain containing 11
Q9BY49-1	PECR	0.525	peroxisomal trans-2-enoyl-CoA reductase
Q9BRX2	PELO	0.152	pelota mRNA surveillance and ribosome rescue factor
P07737	PFN1	-0.488	profilin 1
P35080-2	PFN2	-0.288	profilin 2
Q96HS1-1	PGAM5	0.175	PGAM family member 5, mitochondrial serine/threonine protein phosphatase
O75167-4	PHACTR2	-0.365	phosphatase and actin regulator 2
P35232	PHB	0.308	prohibitin
Q99623	PHB2	0.223	prohibitin 2
O43189	PHF1	0.729	PHD finger protein 1
Q8WWQ0	PHIP	0.312	pleckstrin homology domain interacting protein
Q9BTU6	PI4K2A	0.286	phosphatidylinositol 4-kinase type 2 alpha
P42356	PI4KA	-0.143	phosphatidylinositol 4-kinase alpha
Q5H8A4-1	PIGG	0.227	phosphatidylinositol glycan anchor biosynthesis class G
O43164	PJA2	-0.208	praja ring finger ubiquitin ligase 2
P14618-2	PKM	-0.157	pyruvate kinase M1/2
Q99640	PKMYT1	0.509	protein kinase, membrane associated tyrosine/threonine 1
Q16512-2	PKN1	-0.145	protein kinase N1
Q16513	PKN2	-0.196	protein kinase N2
Q8NCC3	PLA2G15	0.191	phospholipase A2 group XV
P47712	PLA2G4A	-0.248	phospholipase A2 group IVA
Q8NHP8	PLBD2	0.378	phospholipase B domain containing 2
Q8N3E9	PLCD3	0.262	phospholipase C delta 3
Q8IV08	PLD3	0.144	phospholipase D family member 3
Q9HAU0-6	PLEKHA5	-0.157	pleckstrin homology domain containing A5
P00747	PLG	-0.241	plasminogen
Q9HBL7	PLGRKT	0.28	plasminogen receptor with a C-terminal lysine
O60568	PLOD3	0.158	procollagen-lysine,2-oxoglutarate 5-dioxygenase 3
Q14651	PLS1	-0.268	plastin 1
P13797	PLS3	-0.206	plastin 3
O75051	PLXNA2	-0.445	plexin A2
O15305	PMM2	-0.284	phosphomannomutase 2
Q10713	PMPCA	0.207	peptidase, mitochondrial processing alpha subunit
O75439	PMPCB	0.202	peptidase, mitochondrial processing beta subunit
Q15126	PMVK	-0.186	phosphomevalonate kinase
Q9H307	PNN	0.135	pinin, desmosome associated protein
Q9NRX1	PNO1	-0.541	partner of NOB1 homolog
Q9H488	POFUT1	0.205	protein O-fucosyltransferase 1
Q8NBL1	POGLUT1	0.272	protein O-glucosyltransferase 1
Q6UW63	POGLUT2	0.182	protein O-glucosyltransferase 2
Q724H8	POGLUT3	0.168	protein O-glucosyltransferase 3

<b>P09884</b>	POLA1	-0.228	DNA polymerase alpha 1, catalytic subunit
<b>P06746</b>	POLB	0.224	DNA polymerase beta
<b>P52434</b>	POLR2H	-0.346	RNA polymerase II subunit H
<b>P36954</b>	POLR2I	-0.317	RNA polymerase II subunit I
<b>P05423</b>	POLR3D	-0.171	RNA polymerase III subunit D
<b>Q96HA1</b>	POM121/POM121C	0.253	POM121 transmembrane nucleoporin
<b>Q9H2U2-2</b>	PPA2	0.177	inorganic pyrophosphatase 2
<b>P62937</b>	PPIA	-0.281	peptidylprolyl isomerase A
<b>P23284</b>	PPIB	0.18	peptidylprolyl isomerase B
<b>Q9UNP9</b>	PPIE	0.344	peptidylprolyl isomerase E
<b>P30405</b>	PPIF	0.462	peptidylprolyl isomerase F
<b>O15355</b>	PPM1G	0.148	protein phosphatase, Mg <sup>2+</sup> /Mn <sup>2+</sup> dependent 1G
<b>Q96QC0</b>	PPP1R10	0.221	protein phosphatase 1 regulatory subunit 10
<b>Q8WUF5</b>	PPP1R13L	-0.228	protein phosphatase 1 regulatory subunit 13 like
<b>Q96C90</b>	PPP1R14B	-0.319	protein phosphatase 1 regulatory inhibitor subunit 14B
<b>Q6NYC8</b>	PPP1R18	0.186	protein phosphatase 1 regulatory subunit 18
<b>Q12972</b>	PPP1R8	0.262	protein phosphatase 1 regulatory subunit 8
<b>P30153</b>	PPP2R1A	-0.166	protein phosphatase 2 scaffold subunit Aalpha
<b>Q08209</b>	PPP3CA	-0.427	protein phosphatase 3 catalytic subunit alpha
<b>Q9NY27</b>	PPP4R2	0.147	protein phosphatase 4 regulatory subunit 2
<b>Q5H9R7-5</b>	PPP6R3	-0.3	protein phosphatase 6 regulatory subunit 3
<b>P50897</b>	PPT1	0.299	palmitoyl-protein thioesterase 1
<b>O60828</b>	PQBP1	0.344	polyglutamine binding protein 1
<b>Q86YV5</b>	PRAG1	-0.848	PEAK1 related, kinase-activating pseudokinase 1
<b>O43663</b>	PRC1	0.29	protein regulator of cytokinesis 1
<b>Q06830</b>	PRDX1	0.153	peroxiredoxin 1
<b>P48147</b>	PREP	-0.213	prolyl endopeptidase
<b>P49642</b>	PRIM1	-0.184	DNA primase subunit 1
<b>P49643</b>	PRIM2	-0.219	DNA primase subunit 2
<b>P17612</b>	PRKACA	-0.247	protein kinase cAMP-activated catalytic subunit alpha
<b>P22694</b>	PRKACB	-0.506	protein kinase cAMP-activated catalytic subunit beta
<b>P10644</b>	PRKAR1A	-0.316	protein kinase cAMP-dependent type I regulatory subunit alpha
<b>P17252</b>	PRKCA	-0.27	protein kinase C alpha
<b>O15091</b>	PRORP	-0.281	protein only RNase P catalytic subunit
<b>Q9UMS4</b>	PRPF19	0.2	pre-mRNA processing factor 19
<b>O43395</b>	PRPF3	0.214	pre-mRNA processing factor 3
<b>O43172</b>	PRPF4	0.178	pre-mRNA processing factor 4
<b>Q13523</b>	PRPF4B	0.249	pre-mRNA processing factor 4B
<b>P25788</b>	PSMA3	0.143	proteasome subunit alpha 3
<b>O14818-1</b>	PSMA7	0.172	proteasome subunit alpha 7
<b>P28074-1</b>	PSMB5	0.125	proteasome subunit beta 5
<b>P28065</b>	PSMB9	-0.185	proteasome subunit beta 9
<b>P35998</b>	PSMC2	0.153	proteasome 26S subunit, ATPase 2
<b>P17980</b>	PSMC3	0.141	proteasome 26S subunit, ATPase 3
<b>P43686</b>	PSMC4	0.122	proteasome 26S subunit, ATPase 4
<b>P62333</b>	PSMC6	0.224	proteasome 26S subunit, ATPase 6
<b>O43242</b>	PSMD3	0.18	proteasome 26S subunit, non-ATPase 3

<b>Q16401</b>	PSMD5	-0.276	proteasome 26S subunit, non-ATPase 5
<b>Q9H939-1</b>	PSTPIP2	0.16	proline-serine-threonine phosphatase interacting protein 2
<b>O95758-4</b>	PTBP3	0.208	polypyrimidine tract binding protein 3
<b>Q15185</b>	PTGES3	-0.489	prostaglandin E synthase 3
<b>Q14914</b>	PTGR1	0.158	prostaglandin reductase 1
<b>Q05397-5</b>	PTK2	-0.336	protein tyrosine kinase 2
<b>Q05209</b>	PTPN12	-0.257	protein tyrosine phosphatase non-receptor type 12
<b>Q15678</b>	PTPN14	-0.215	protein tyrosine phosphatase non-receptor type 14
<b>P10586-1</b>	PTPRF	-0.325	protein tyrosine phosphatase receptor type F
<b>Q15262-3</b>	PTPRK	-0.712	protein tyrosine phosphatase receptor type K
<b>Q9Y3E5</b>	PTRH2	0.279	peptidyl-tRNA hydrolase 2
<b>Q6GMV3</b>	PTRHD1	0.263	peptidyl-tRNA hydrolase domain containing 1
<b>Q15397</b>	PUM3	-0.371	pumilio RNA binding family member 3
<b>Q00577</b>	PURA	0.234	purine rich element binding protein A
<b>Q92626</b>	PXDN	-0.309	peroxidasin
<b>Q96C36</b>	PYCR2	0.277	pyrroline-5-carboxylate reductase 2
<b>Q9UL25</b>	RAB21	0.202	RAB21, member RAS oncogene family
<b>P20337</b>	RAB3B	-0.203	RAB3B, member RAS oncogene family
<b>Q9BUV8-5</b>	RAB5IF	0.431	RAB5 interacting factor
<b>P61006</b>	RAB8A	0.233	RAB8A, member RAS oncogene family
<b>P51151</b>	RAB9A	0.264	RAB9A, member RAS oncogene family
<b>Q9Y3P9</b>	RABGAP1	-0.193	RAB GTPase activating protein 1
<b>Q5R372-3</b>	RABGAP1L	-0.45	RAB GTPase activating protein 1 like
<b>P54727</b>	RAD23B	-0.425	RAD23 homolog B, nucleotide excision repair protein
<b>O43502</b>	RAD51C	0.669	RAD51 paralog C
<b>P78406</b>	RAE1	0.229	ribonucleic acid export 1
<b>Q6VN20</b>	RANBP10	0.237	RAN binding protein 10
<b>P52306-5</b>	RAP1GDS1	-0.509	Rap1 GTPase-GDP dissociation stimulator 1
<b>Q8TEU7-4</b>	RAPGEF6	-0.296	Rap guanine nucleotide exchange factor 6
<b>P20936-1</b>	RASA1	-0.239	RAS p21 protein activator 1
<b>Q14644</b>	RASA3	-0.297	RAS p21 protein activator 3
<b>Q9UJF2-2</b>	RASAL2	-0.411	RAS protein activator like 2
<b>Q09028</b>	RBBP4	0.202	RB binding protein 4, chromatin remodeling factor
<b>Q726E9</b>	RBBP6	0.413	RB binding protein 6, ubiquitin ligase
<b>Q16576-1</b>	RBBP7	0.237	RB binding protein 7, chromatin remodeling factor
<b>O43251-8</b>	RBFOX2	-0.208	RNA binding fox-1 homolog 2
<b>Q9NTZ6</b>	RBM12	-0.315	RNA binding motif protein 12
<b>Q96T37</b>	RBM15	0.162	RNA binding motif protein 15
<b>Q9NW64</b>	RBM22	0.206	RNA binding motif protein 22
<b>Q5T8P6-2</b>	RBM26	0.329	RNA binding motif protein 26
<b>P52756</b>	RBM5	0.455	RNA binding motif protein 5
<b>Q9Y388</b>	RBMX2	0.595	RNA binding motif protein X-linked 2
<b>Q93062-3</b>	RBPMS	-0.335	RNA binding protein, mRNA processing factor
<b>P18754-2</b>	RCC1	0.268	regulator of chromosome condensation 1
<b>Q96I51</b>	RCC1L	0.224	RCC1 like
<b>Q14257</b>	RCN2	0.27	reticulocalbin 2
<b>Q6NUK4</b>	REEP3	0.253	receptor accessory protein 3

<b>Q00765</b>	REEP5	0.177	receptor accessory protein 5
<b>Q6NUM9-1</b>	RETSAT	0.28	retinol saturase
<b>P40938</b>	RFC3	0.273	replication factor C subunit 3
<b>P35249</b>	RFC4	0.249	replication factor C subunit 4
<b>P62745</b>	RHOB	0.248	ras homolog family member B
<b>P84095</b>	RHOG	0.165	ras homolog family member G
<b>Q8IXI1</b>	RHOT2	0.293	ras homolog family member T2
<b>Q5EBL4-1</b>	RILPL1	-0.381	Rab interacting lysosomal protein like 1
<b>Q06587</b>	RING1	0.162	ring finger protein 1
<b>Q9BVS4</b>	RIOK2	-0.183	RIO kinase 2
<b>O14730</b>	RIOK3	0.385	RIO kinase 3
<b>Q96TC7</b>	RMDN3	0.168	regulator of microtubule dynamics 3
<b>Q96GF1</b>	RNF185	0.27	ring finger protein 185
<b>Q5VTR2</b>	RNF20	0.271	ring finger protein 20
<b>Q63HN8-4</b>	RNF213	-0.249	ring finger protein 213
<b>O75150</b>	RNF40	0.218	ring finger protein 40
<b>O60942-1</b>	RNGTT	-0.312	RNA guanylyltransferase and 5'-phosphatase
<b>O43148-2</b>	RNMT	0.169	RNA guanine-7 methyltransferase
<b>Q15287-1</b>	RNPS1	0.285	RNA binding protein with serine rich domain 1
<b>Q13464</b>	ROCK1	-0.175	Rho associated coiled-coil containing protein kinase 1
<b>O75116</b>	ROCK2	-0.22	Rho associated coiled-coil containing protein kinase 2
<b>Q9H9Y2</b>	RPF1	-0.41	ribosome production factor 1 homolog
<b>Q9H7B2</b>	RPF2	-0.17	ribosome production factor 2 homolog
<b>Q6P5R6</b>	RPL22L1	-0.746	ribosomal protein L22 like 1
<b>P62829</b>	RPL23	-0.208	ribosomal protein L23
<b>P62899</b>	RPL31	-0.302	ribosomal protein L31
<b>P63173</b>	RPL38	-0.233	ribosomal protein L38
<b>Q6DKI1</b>	RPL7L1	-0.302	ribosomal protein L7 like 1
<b>P04843</b>	RPN1	0.154	ribophorin I
<b>Q9BUL9</b>	RPP25	0.25	ribonuclease P and MRP subunit p25
<b>P78345</b>	RPP38	0.368	ribonuclease P/MRP subunit p38
<b>Q5VT52</b>	RPRD2	0.3	regulation of nuclear pre-mRNA domain containing 2
<b>P62263</b>	RPS14	-0.213	ribosomal protein S14
<b>P62841</b>	RPS15	-0.152	ribosomal protein S15
<b>Q86WX3</b>	RPS19BP1	-0.253	ribosomal protein S19 binding protein 1
<b>P62854</b>	RPS26	-0.147	ribosomal protein S26
<b>P42677</b>	RPS27	-0.167	ribosomal protein S27
<b>P62857</b>	RPS28	-0.175	ribosomal protein S28
<b>P22090</b>	RPS4Y1	-0.345	ribosomal protein S4 Y-linked 1
<b>P08865</b>	RPSA	-0.179	ribosomal protein SA
<b>Q8N122</b>	RPTOR	-0.181	regulatory associated protein of MTOR complex 1
<b>P55042</b>	RRAD	1.152	RRAD, Ras related glycolysis inhibitor and calcium channel regulator
<b>P31350-2</b>	RRM2	0.498	ribonucleotide reductase regulatory subunit M2
<b>Q7LG56-6</b>	RRM2B	0.429	ribonucleotide reductase regulatory TP53 inducible subunit M2B
<b>Q9NYV6</b>	RRN3	0.308	RRN3 homolog, RNA polymerase I transcription factor
<b>O43818</b>	RRP9	0.116	ribosomal RNA processing 9, U3 small nucleolar RNA binding protein
<b>Q7L4I2</b>	RSRC2	0.234	arginine and serine rich coiled-coil 2

<b>Q15404</b>	RSU1	-0.17	Ras suppressor protein 1
<b>P60903</b>	S100A10	-0.285	S100 calcium binding protein A10
<b>Q15424-3</b>	SAFB	0.213	scaffold attachment factor B
<b>Q5K651</b>	SAMD9	0.197	sterile alpha motif domain containing 9
<b>Q9NSI8-1</b>	SAMSN1	-0.382	SAM domain, SH3 domain and nuclear localization signals 1
<b>O00422</b>	SAP18	0.27	Sin3A associated protein 18
<b>Q9UHR5-1</b>	SAP30BP	0.227	SAP30 binding protein
<b>O43290</b>	SART1	0.21	spliceosome associated factor 1, recruiter of U4/U6.U5 tri-snRNP
<b>Q8NBX0</b>	SCCPDH	0.159	saccharopine dehydrogenase (putative)
<b>Q865K9</b>	SCD5	-0.581	stearoyl-CoA desaturase 5
<b>O43819</b>	SCO2	0.264	SCO cytochrome c oxidase assembly protein 2
<b>P22307</b>	SCP2	0.167	sterol carrier protein 2
<b>Q9HB40</b>	SCPEP1	0.19	serine carboxypeptidase 1
<b>Q14160-3</b>	SCRIB	0.141	scribble planar cell polarity protein
<b>Q99470</b>	SDF2	0.223	stromal cell derived factor 2
<b>P31040</b>	SDHA	0.3	succinate dehydrogenase complex flavoprotein subunit A
<b>P21912</b>	SDHB	0.206	succinate dehydrogenase complex iron sulfur subunit B
<b>P55735-3</b>	SEC13	-0.325	SEC13 homolog, nuclear pore and COPII coat complex component
<b>O60613</b>	SELENOF	-0.404	selenoprotein F
<b>Q9BQE4</b>	SELENOS	-0.302	selenoprotein S
<b>O75326-1</b>	SEMA7A	-0.549	semaphorin 7A (John Milton Hagen blood group)
<b>Q9UHD8-1</b>	SEPTIN9	-0.132	septin 9
<b>P05543</b>	SERPINA7	-0.492	serpin family A member 7
<b>P05121</b>	SERPINE1	-0.73	serpin family E member 1
<b>P36955</b>	SERPINF1	-0.687	serpin family F member 1
<b>Q01105</b>	SET	0.329	SET nuclear proto-oncogene
<b>Q15459</b>	SF3A1	0.22	splicing factor 3a subunit 1
<b>Q15428</b>	SF3A2	0.28	splicing factor 3a subunit 2
<b>Q12874</b>	SF3A3	0.261	splicing factor 3a subunit 3
<b>Q13435</b>	SF3B2	0.241	splicing factor 3b subunit 2
<b>P23246</b>	SFPQ	0.177	splicing factor proline and glutamine rich
<b>Q9H9B4</b>	SFXN1	0.235	sideroflexin 1
<b>A0A0A0MS41</b>	SFXN3	0.187	sideroflexin 3
<b>O95470</b>	SGPL1	0.213	sphingosine-1-phosphate lyase 1
<b>Q9H788</b>	SH2D4A	-0.283	SH2 domain containing 4A
<b>Q9Y371</b>	SH3GLB1	-0.234	SH3 domain containing GRB2 like, endophilin B1
<b>Q726J0</b>	SH3RF1	-0.762	SH3 domain containing ring finger 1
<b>Q8NEM2</b>	SHCBP1	0.313	SHC binding and spindle associated 1
<b>P34897-1</b>	SHMT2	0.226	serine hydroxymethyltransferase 2
<b>Q9H173</b>	SIL1	-0.577	SIL1 nucleotide exchange factor
<b>O43166-2</b>	SIPA1L1	-0.23	signal induced proliferation associated 1 like 1
<b>O60292</b>	SIPA1L3	-0.416	signal induced proliferation associated 1 like 3
<b>Q96EB6</b>	SIRT1	0.328	sirtuin 1
<b>Q8IXJ6</b>	SIRT2	-0.156	sirtuin 2
<b>Q14493</b>	SLBP	0.331	stem-loop binding protein
<b>Q8WUM9</b>	SLC20A1	-0.313	solute carrier family 20 member 1
<b>P53007</b>	SLC25A1	0.248	solute carrier family 25 member 1

<b>Q00325-2</b>	SLC25A3	0.323	solute carrier family 25 member 3
<b>P05141</b>	SLC25A5	0.339	solute carrier family 25 member 5
<b>P12236</b>	SLC25A6	0.236	solute carrier family 25 member 6
<b>P11169</b>	SLC2A3	0.241	solute carrier family 2 member 3
<b>Q9Y6M5</b>	SLC30A1	0.589	solute carrier family 30 member 1
<b>Q8TB61</b>	SLC35B2	0.131	solute carrier family 35 member B2
<b>Q9H2H9</b>	SLC38A1	-0.352	solute carrier family 38 member 1
<b>Q96QD8</b>	SLC38A2	-0.368	solute carrier family 38 member 2
<b>Q8WUX1-1</b>	SLC38A5	-0.169	solute carrier family 38 member 5
<b>Q8IWA5-2</b>	SLC44A2	0.357	solute carrier family 44 member 2
<b>Q9Y6M7-7</b>	SLC4A7	-0.144	solute carrier family 4 member 7
<b>P30825</b>	SLC7A1	-0.143	solute carrier family 7 member 1
<b>P52569-3</b>	SLC7A2	-0.319	solute carrier family 7 member 2
<b>O14745</b>	SLC9A3R1	-0.153	SLC9A3 regulator 1
<b>Q15599-2</b>	SLC9A3R2	0.124	SLC9A3 regulator 2
<b>Q08AF3-1</b>	SLFN5	0.271	schlafen family member 5
<b>Q9NWH9-1</b>	SLTM	0.159	SAFB like transcription modulator
<b>O95391</b>	SLU7	0.328	SLU7 homolog, splicing factor
<b>P84022</b>	SMAD3	-0.273	SMAD family member 3
<b>Q92922</b>	SMARCC1	-0.276	SWI/SNF related, matrix associated, actin dependent regulator of chromatin subfamily c member 1
<b>P17405-1</b>	SMPD1	0.197	sphingomyelin phosphodiesterase 1
<b>P52788</b>	SMS	-0.156	spermine synthase
<b>P53814-5</b>	SMTN	0.457	smoothelin
<b>Q2TAY7</b>	SMU1	0.188	SMU1 DNA replication regulator and spliceosomal factor
<b>Q9HAU4</b>	SMURF2	-0.313	SMAD specific E3 ubiquitin protein ligase 2
<b>Q9H7B4</b>	SMYD3	-0.534	SET and MYND domain containing 3
<b>Q7KZF4</b>	SND1	-0.277	staphylococcal nuclease and tudor domain containing 1
<b>Q8TAD8</b>	SNIP1	0.241	Smad nuclear interacting protein 1
<b>P62306</b>	SNRPF	0.448	small nuclear ribonucleoprotein polypeptide F
<b>P62308</b>	SNRPG	0.414	small nuclear ribonucleoprotein polypeptide G
<b>Q13573</b>	SNW1	0.226	SNW domain containing 1
<b>Q15036-1</b>	SNX17	-0.257	sorting nexin 17
<b>Q96L92</b>	SNX27	-0.244	sorting nexin 27
<b>P04179</b>	SOD2	0.358	superoxide dismutase 2
<b>P18583-5</b>	SON	0.241	SON DNA binding protein
<b>Q99523</b>	SORT1	-0.847	sortilin 1
<b>Q53LP3</b>	SOWAHC	0.195	sosondowah ankyrin repeat domain family member C
<b>Q02447-1</b>	SP3	0.443	Sp3 transcription factor
<b>P09486</b>	SPARC	-0.166	secreted protein acidic and cysteine rich
<b>Q8NB90-1</b>	SPATA5	-0.279	spermatogenesis associated 5
<b>Q86XZ4</b>	SPATS2	-0.244	spermatogenesis associated serine rich 2
<b>Q9HBM1</b>	SPC25	-0.232	SPC25 component of NDC80 kinetochore complex
<b>Q96T58</b>	SPEN	0.16	spen family transcriptional repressor
<b>Q9UQ90</b>	SPG7	0.151	SPG7 matrix AAA peptidase subunit, paraplegin
<b>Q08AE8</b>	SPIRE1	-0.198	spire type actin nucleation factor 1
<b>P35270</b>	SPR	0.178	sepiapterin reductase
<b>Q13813</b>	SPTAN1	-0.304	spectrin alpha, non-erythrocytic 1

<b>Q01082-1</b>	SPTBN1	-0.179	spectrin beta, non-erythrocytic 1
<b>Q68D10</b>	SPTY2D1	0.472	SPT2 chromatin protein domain containing 1
<b>Q8WXA9-2</b>	SREK1	0.163	splicing regulatory glutamic acid and lysine rich protein 1
<b>Q7Z6B7</b>	SRGAP1	-0.431	SLIT-ROBO Rho GTPase activating protein 1
<b>O75044</b>	SRGAP2	-0.287	SLIT-ROBO Rho GTPase activating protein 2
<b>P49458</b>	SRP9	0.318	signal recognition particle 9
<b>Q96SB4-3</b>	SRPK1	-0.277	SRSF protein kinase 1
<b>Q9Y5M8</b>	SRPRB	0.172	SRP receptor subunit beta
<b>Q9BXP5</b>	SRRT	0.288	serrate, RNA effector molecule
<b>Q05519</b>	SRSF11	0.188	serine and arginine rich splicing factor 11
<b>Q08170</b>	SRSF4	0.324	serine and arginine rich splicing factor 4
<b>Q13243</b>	SRSF5	0.195	serine and arginine rich splicing factor 5
<b>Q13247</b>	SRSF6	0.245	serine and arginine rich splicing factor 6
<b>P05455</b>	SSB	0.235	small RNA binding exonuclease protection factor La
<b>Q04837</b>	SSBP1	0.34	single stranded DNA binding protein 1
<b>Q9UNL2-2</b>	SSR3	0.39	signal sequence receptor subunit 3
<b>O75886</b>	STAM2	-0.191	signal transducing adaptor molecule 2
<b>P51692</b>	STAT5B	-0.331	signal transducer and activator of transcription 5B
<b>O76061</b>	STC2	-0.617	stanniocalcin 2
<b>P31948-2</b>	STIP1	-0.179	stress induced phosphoprotein 1
<b>O94804</b>	STK10	-0.18	serine/threonine kinase 10
<b>Q13188-2</b>	STK3	-0.452	serine/threonine kinase 3
<b>Q9UEW8</b>	STK39	-0.345	serine/threonine kinase 39
<b>P27105</b>	STOM	0.312	stomatin
<b>O43752</b>	STX6	0.165	syntaxin 6
<b>Q9UNK0</b>	STX8	-0.471	syntaxin 8
<b>O00186</b>	STXBP3	0.249	syntaxin binding protein 3
<b>Q5T5C0-1</b>	STXBP5	-0.224	syntaxin binding protein 5
<b>P53999</b>	SUB1	0.438	SUB1 regulator of transcription
<b>P53597</b>	SUCLG1	0.278	succinate-CoA ligase alpha subunit
<b>Q9Y5B9</b>	SUPT16H	0.177	SPT16 homolog, facilitates chromatin remodeling subunit
<b>O00267-2</b>	SUPT5H	0.21	SPT5 homolog, DSIF elongation factor subunit
<b>Q7KZ85</b>	SUPT6H	0.21	SPT6 homolog, histone chaperone and transcription elongation factor
<b>O94864-1</b>	SUPT7L	0.36	SPT7 like, STAGA complex gamma subunit
<b>Q8IYB8</b>	SUPV3L1	0.148	Suv3 like RNA helicase
<b>O75683</b>	SURF6	-0.214	surfeit 6
<b>O95926</b>	SYF2	0.519	SYF2 pre-mRNA splicing factor
<b>Q8NF91</b>	SYNE1	-0.282	spectrin repeat containing nuclear envelope protein 1
<b>Q8WXH0-2</b>	SYNE2	-0.363	spectrin repeat containing nuclear envelope protein 2
<b>Q8N3V7-2</b>	SYNPO	0.326	synaptopodin
<b>Q9Y6A5</b>	TACC3	0.24	transforming acidic coiled-coil containing protein 3
<b>Q9BSH4</b>	TACO1	0.37	translational activator of cytochrome c oxidase I
<b>P09758</b>	TACSTD2	0.373	tumor associated calcium signal transducer 2
<b>Q86TJ2</b>	TADA2B	0.345	transcriptional adaptor 2B
<b>Q01995</b>	TAGLN	-0.289	transgelin
<b>Q96BW9-3</b>	TAMM41	1.028	TAM41 mitochondrial translocator assembly and maintenance homolog
<b>Q9C0D5</b>	TANC1	-0.293	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 1

<b>Q9HCD6-2</b>	TANC2	-0.434	tetratricopeptide repeat, ankyrin repeat and coiled-coil containing 2
<b>Q9H2K8</b>	TAOK3	-0.195	TAO kinase 3
<b>Q03518</b>	TAP1	0.317	transporter 1, ATP binding cassette subfamily B member
<b>Q03519-1</b>	TAP2	0.306	transporter 2, ATP binding cassette subfamily B member
<b>O15533-3</b>	TAPBP	0.216	TAP binding protein
<b>O14907</b>	TAX1BP3	-0.227	Tax1 binding protein 3
<b>Q9BYX2</b>	TBC1D2	-0.164	TBC1 domain family member 2
<b>Q92609-2</b>	TBC1D5	-0.355	TBC1 domain family member 5
<b>Q66K14</b>	TBC1D9B	-0.239	TBC1 domain family member 9B
<b>Q9BTW9</b>	TBCD	-0.284	tubulin folding cofactor D
<b>Q15813</b>	TBCE	-0.327	tubulin folding cofactor E
<b>Q9Y4P3</b>	TBL2	0.15	transducin beta like 2
<b>Q96EI5-2</b>	TCEAL4	-0.194	transcription elongation factor A like 4
<b>O14776</b>	TCERG1	0.185	transcription elongation regulator 1
<b>Q13428-3</b>	TCOF1	0.261	treacle ribosome biogenesis factor 1
<b>Q15554</b>	TERF2	0.249	telomeric repeat binding factor 2
<b>Q9NYB0</b>	TERF2IP	0.358	TERF2 interacting protein
<b>Q9Y6I9</b>	TEX264	0.254	testis expressed 264, ER-phagy receptor
<b>P02787</b>	TF	-0.224	transferrin
<b>Q00059</b>	TFAM	0.398	transcription factor A, mitochondrial
<b>Q9H5Q4</b>	TFB2M	0.124	transcription factor B2, mitochondrial
<b>Q92734</b>	TFG	0.203	trafficking from ER to golgi regulator
<b>P02786</b>	TFRC	-0.266	transferrin receptor
<b>P61812-2</b>	TGFB2	-0.654	transforming growth factor beta 2
<b>Q15582</b>	TGFBI	-0.548	transforming growth factor beta induced
<b>P37173-2</b>	TGFBR2	-0.752	transforming growth factor beta receptor 2
<b>P21980</b>	TGM2	-0.323	transglutaminase 2
<b>Q6YHU6</b>	THADA	-0.444	THADA armadillo repeat containing
<b>P07996</b>	THBS1	-0.938	thrombospondin 1
<b>P52888</b>	THOP1	-0.211	thimet oligopeptidase 1
<b>Q9Y2W1</b>	THRAP3	0.21	thyroid hormone receptor associated protein 3
<b>Q9NQ88</b>	TIGAR	0.173	TP53 induced glycolysis regulatory phosphatase
<b>Q9BVV7</b>	TIMM21	0.248	translocase of inner mitochondrial membrane 21
<b>O43615</b>	TIMM44	0.244	translocase of inner mitochondrial membrane 44
<b>P04183</b>	TK1	0.78	thymidine kinase 1
<b>Q9Y490</b>	TLN1	-0.253	talin 1
<b>O60603</b>	TLR2	-0.277	toll like receptor 2
<b>Q9UM00</b>	TMCO1	0.269	transmembrane and coiled-coil domains 1
<b>P17152</b>	TMEM11	0.224	transmembrane protein 11
<b>Q9H330-2</b>	TMEM245	0.34	transmembrane protein 245
<b>Q96MH6</b>	TMEM68	-0.668	transmembrane protein 68
<b>P42166</b>	TMPO	0.211	thymopoietin
<b>P42167</b>	TMPO	0.31	thymopoietin
<b>P62328</b>	TMSB10/TMSB4X	-0.693	thymosin beta 4 X-linked
<b>P63313</b>	TMSB10/TMSB4X	-0.387	thymosin beta 4 X-linked
<b>P24821</b>	TNC	-0.768	tenascin C
<b>Q03169</b>	TNFAIP2	0.345	TNF alpha induced protein 2

<b>O00220</b>	TNFRSF10A	0.201	TNF receptor superfamily member 10a
<b>O14763</b>	TNFRSF10B	0.313	TNF receptor superfamily member 10b
<b>Q9NP84</b>	TNFRSF12A	-0.278	TNF receptor superfamily member 12A
<b>Q15025</b>	TNIP1	-0.494	TNFAIP3 interacting protein 1
<b>Q9HBL0</b>	TNS1	-0.242	tensin 1
<b>Q68CZ2-1</b>	TNS3	-0.234	tensin 3
<b>Q8IZW8</b>	TNS4	-0.399	tensin 4
<b>P11388-4</b>	TOP2A	0.358	DNA topoisomerase II alpha
<b>Q92547</b>	TOPBP1	0.227	DNA topoisomerase II binding protein 1
<b>Q5JTV8</b>	TOR1AIP1	0.181	torsin 1A interacting protein 1
<b>Q8NFAQ8</b>	TOR1AIP2	0.151	torsin 1A interacting protein 2
<b>Q9NXH8</b>	TOR4A	0.209	torsin family 4 member A
<b>P04637</b>	TP53	0.171	tumor protein p53
<b>Q16890</b>	TPD52L1	-0.203	TPD52 like 1
<b>P60174</b>	TPI1	0.234	triosephosphate isomerase 1
<b>P07951</b>	TPM2	-0.585	tropomyosin 2
<b>P07951-2</b>	TPM2	-0.227	tropomyosin 2
<b>P67936</b>	TPM4	-0.166	tropomyosin 4
<b>P12270</b>	TPR	0.178	translocated promoter region, nuclear basket protein
<b>Q9ULW0</b>	TPX2	0.309	TPX2 microtubule nucleation factor
<b>Q13595</b>	TRA2A	0.242	transformer 2 alpha homolog
<b>O43715</b>	TRIAP1	0.359	TP53 regulated inhibitor of apoptosis 1
<b>P19474</b>	TRIM21	0.314	tripartite motif containing 21
<b>Q8IYM9-1</b>	TRIM22	0.55	tripartite motif containing 22
<b>Q13263</b>	TRIM28	0.325	tripartite motif containing 28
<b>O75962-1</b>	TRIO	-0.262	trio Rho guanine nucleotide exchange factor
<b>Q15650</b>	TRIP4	-0.361	thyroid hormone receptor interactor 4
<b>Q7L0Y3</b>	TRMT10C	0.223	tRNA methyltransferase 10C, mitochondrial RNase P subunit
<b>Q96Q11</b>	TRNT1	0.15	tRNA nucleotidyl transferase 1
<b>Q16762</b>	TST	0.307	thiosulfate sulfurtransferase
<b>Q6P3X3</b>	TTC27	-0.374	tetratricopeptide repeat domain 27
<b>Q9C0H2-4</b>	TTYH3	0.454	tweety family member 3
<b>Q13509</b>	TUBB3	0.198	tubulin beta 3 class III
<b>P49411</b>	TUFM	0.223	Tu translation elongation factor, mitochondrial
<b>Q9H6E5</b>	TUT1	0.219	terminal uridylyl transferase 1, U6 snRNA-specific
<b>Q12792</b>	TWF1	-0.189	twinfilin actin binding protein 1
<b>P40222</b>	TXLNA	0.142	taxilin alpha
<b>Q8NBS9-1</b>	TXNDC5	0.28	thioredoxin domain containing 5
<b>P83876</b>	TXNL4A	-0.277	thioredoxin like 4A
<b>Q9NNW7</b>	TXNRD2	0.317	thioredoxin reductase 2
<b>Q2T9J0</b>	TYSND1	0.382	trypsin domain containing 1
<b>Q9NV66</b>	TYW1	-0.445	tRNA- $\gamma$ W synthesizing protein 1 homolog
<b>Q16222-1</b>	UAP1	-0.238	UDP-N-acetylglucosamine pyrophosphorylase 1
<b>P49459</b>	UBE2A	-0.234	ubiquitin conjugating enzyme E2 A
<b>P61086</b>	UBE2K	-0.469	ubiquitin conjugating enzyme E2 K
<b>P68036</b>	UBE2L3	-0.378	ubiquitin conjugating enzyme E2 L3
<b>Q9C0C9</b>	UBE2O	-0.235	ubiquitin conjugating enzyme E2 O

<b>Q7Z7E8</b>	UBE2Q1	0.191	ubiquitin conjugating enzyme E2 Q1
<b>Q16763</b>	UBE2S	0.2	ubiquitin conjugating enzyme E2 S
<b>Q9NPD8</b>	UBE2T	0.231	ubiquitin conjugating enzyme E2 T
<b>Q13404-1</b>	UBE2V1	-0.394	ubiquitin conjugating enzyme E2 V1
<b>Q15819</b>	UBE2V2	-0.478	ubiquitin conjugating enzyme E2 V2
<b>O95155-4</b>	UBE4B	-0.271	ubiquitination factor E4B
<b>P11441</b>	UBL4A	0.167	ubiquitin like 4A
<b>Q9BZL1</b>	UBL5	-0.406	ubiquitin like 5
<b>Q5T4S7-2</b>	UBR4	-0.191	ubiquitin protein ligase E3 component n-recognin 4
<b>P09936</b>	UCHL1	-0.181	ubiquitin C-terminal hydrolase L1
<b>P15374</b>	UCHL3	-0.191	ubiquitin C-terminal hydrolase L3
<b>Q8IX04</b>	UEVLD	-0.239	UEV and lactate/malate dehydrogenase domains
<b>O94874</b>	UFL1	0.205	UFM1 specific ligase 1
<b>Q9NUQ7</b>	UFSP2	0.155	UFM1 specific peptidase 2
<b>Q16739</b>	UGCG	-0.31	UDP-glucose ceramide glucosyltransferase
<b>Q96T88-2</b>	UHRF1	-0.292	ubiquitin like with PHD and ring finger domains 1
<b>Q96RL1</b>	UIMC1	-0.257	ubiquitin interaction motif containing 1
<b>O14795-2</b>	UNC13B	-0.786	unc-13 homolog B
<b>Q70J99-3</b>	UNC13D	-0.271	unc-13 homolog D
<b>Q9UDW1</b>	UQCR10	0.544	ubiquinol-cytochrome c reductase, complex III subunit X
<b>P14927</b>	UQCRB	0.315	ubiquinol-cytochrome c reductase binding protein
<b>P31930</b>	UQCRC1	0.126	ubiquinol-cytochrome c reductase core protein 1
<b>P22695</b>	UQCRC2	0.234	ubiquinol-cytochrome c reductase core protein 2
<b>P47985</b>	UQCRCF1	0.144	ubiquinol-cytochrome c reductase, Rieske iron-sulfur polypeptide 1
<b>P07919</b>	UQCRH	0.28	ubiquinol-cytochrome c reductase hinge protein
<b>O94763</b>	URI1	-0.219	URI1 prefoldin like chaperone
<b>Q9UPU5</b>	USP24	-0.196	ubiquitin specific peptidase 24
<b>Q8NFA0</b>	USP32	-0.298	ubiquitin specific peptidase 32
<b>Q13107-1</b>	USP4	-0.169	ubiquitin specific peptidase 4
<b>P40818</b>	USP8	-0.141	ubiquitin specific peptidase 8
<b>Q93008</b>	USP9X	-0.302	ubiquitin specific peptidase 9 X-linked
<b>Q9BVJ6-1</b>	UTP14A	-0.326	UTP14A small subunit processome component
<b>O75691</b>	UTP20	-0.26	UTP20 small subunit processome component
<b>Q9NQZ2</b>	UTP3	0.262	UTP3 small subunit processome component
<b>P46939</b>	UTRN	-0.318	utrophin
<b>Q5ST30-4</b>	VARS2	0.257	valyl-tRNA synthetase 2, mitochondrial
<b>P52735</b>	VAV2	-0.422	vav guanine nucleotide exchange factor 2
<b>P19320</b>	VCAM1	-0.786	vascular cell adhesion molecule 1
<b>P13611</b>	VCAN	-0.454	versican
<b>P18206</b>	VCL	-0.387	vinculin
<b>P21796</b>	VDAC1	0.164	voltage dependent anion channel 1
<b>P45880-1</b>	VDAC2	0.244	voltage dependent anion channel 2
<b>Q9Y277</b>	VDAC3	0.332	voltage dependent anion channel 3
<b>Q9HBM0-1</b>	VEZT	-0.548	vezatin, adherens junctions transmembrane protein
<b>Q96GC9</b>	VMP1	0.162	vacuole membrane protein 1
<b>Q709C8</b>	VPS13C	-0.237	vacuolar protein sorting 13 homolog C
<b>Q7Z3J2-1</b>	VPS35L	-0.165	VPS35 endosomal protein sorting factor like

<b>P49754</b>	VPS41	-0.244	VPS41 subunit of HOPS complex
<b>Q5VIR6-4</b>	VPS53	-0.267	VPS53 subunit of GARP complex
<b>Q96AJ9</b>	VTI1A	-0.406	vesicle transport through interaction with t-SNAREs 1A
<b>P04004</b>	VTN	-0.84	vitronectin
<b>O00401</b>	WASL	-0.173	WASP like actin nucleation promoting factor
<b>Q9Y2W2</b>	WBP11	0.388	WW domain binding protein 11
<b>Q969T9</b>	WBP2	-0.275	WW domain binding protein 2
<b>Q9NW82</b>	WDR70	-0.265	WD repeat domain 70
<b>Q6UXN9</b>	WDR82	0.253	WD repeat domain 82
<b>Q5T9L3-2</b>	WLS	-0.225	Wnt ligand secretion mediator
<b>Q96S55</b>	WRNIP1	0.18	WRN helicase interacting protein 1
<b>O00308</b>	WWP2	-0.592	WW domain containing E3 ubiquitin protein ligase 2
<b>Q9HCS7</b>	XAB2	0.195	XPA binding protein 2
<b>P98170</b>	XIAP	-0.363	X-linked inhibitor of apoptosis
<b>Q01831</b>	XPC	0.652	XPC complex subunit, DNA damage recognition and repair factor
<b>Q9C0E2</b>	XPO4	-0.218	exportin 4
<b>Q96QU8</b>	XPO6	-0.213	exportin 6
<b>Q9Y2Z4</b>	YARS2	0.147	tyrosyl-tRNA synthetase 2
<b>Q5BJH7</b>	YIF1B	0.202	Yip1 interacting factor homolog B, membrane trafficking protein
<b>Q9Y5A9</b>	YTHDF2	-0.209	YTH N6-methyladenosine RNA binding protein 2
<b>P61981</b>	YWHAG	-0.243	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein gamma
<b>P63104</b>	YWHAZ	-0.18	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta
<b>Q8N4Q0</b>	ZADH2	0.166	zinc binding alcohol dehydrogenase domain containing 2
<b>O96006</b>	ZBED1	0.352	zinc finger BED-type containing 1
<b>O75152</b>	ZC3H11A	0.325	zinc finger CCCH-type containing 11A
<b>Q86VM9</b>	ZC3H18	0.173	zinc finger CCCH-type containing 18
<b>Q8IUH4</b>	ZDHHC13	0.249	zinc finger DHHC-type containing 13
<b>O60293</b>	ZFC3H1	0.187	zinc finger C3H1-type containing
<b>P17028-1</b>	ZNF24	0.351	zinc finger protein 24
<b>Q9Y2X9</b>	ZNF281	0.258	zinc finger protein 281
<b>Q8TF68-2</b>	ZNF384	0.888	zinc finger protein 384
<b>Q96NB3</b>	ZNF830	0.296	zinc finger protein 830
<b>O75312</b>	ZPR1	-0.197	ZPR1 zinc finger
<b>O43149</b>	ZZEF1	-0.273	zinc finger ZZ-type and EF-hand domain containing 1
<b>P62805</b>		0.268	
<b>P69905</b>		-0.552	
<b>P84243</b>		0.19	