

**Additional File.** Proteins identified in Vero cells infected Zika virus and their corresponding human homologues. Proteins up-regulated (red) and down-regulated (green).

Query human database	Corresponding Protein Human database	GeneName human	Ident%	<i>Macaca mulatta</i> database reference	log2FC_ZB vs VC	pvalue_ZB vs VC
P07858	Cathepsin	CTSB		A0A1D5QVT4	-13,79540992	0,016666667
P62993	Growth factor receptor-bound protein 2	GRB2		G7NGP6	-13,36641394	0,025
Q9Y3Q3	Transmembrane emp24 domain-containing protein 3	TMED3		A0A1D5QCE9	-13,30566955	0,025
A0A0B4J1U3	Immunoglobulin lambda variable 1-36	IGLV1-36	Ident.: 85.5%	A0A1D5RKP9	-13,07288381	0,025
A0A0U1RRI6	Submitted name: Centromere protein V-like 3	CENPVL3		F7CUC3	-12,94473689	0,025
K7EQ05	Granulins	GRN		F7HAN1	-12,89378541	0,025
Q14353	Guanidinoacetate N-methyltransferase	GAMT		F6VFK2	-12,82936543	0,025
F5GX39	Transmembrane emp24 domain-containing protein 2	TMED2		H9EPG4	-12,79124964	0,025
H7C199	Oxysterol-binding protein-related protein 10	OSBPL10		F6UA30	-12,73576524	0,016666667
Q96NC0	Zinc finger matrin-type protein 2	ZMAT2		F7GID5	-12,72446184	0,016666667
A6NHX0	Cytosolic arginine sensor for mTORC1 subunit 2	GATSL2		H9ZD32	-12,60907018	0,016666667
A0A087WW7	Tensin-1	TNS1		F6PZF5	-12,60494979	0,05
J3KNN7	BRCA1-associated protein	BRAP		F7H5B0	-12,55195493	0,016666667
A0A0C4DGT4	Lysophospholipid acyltransferase LPCAT4	LPCAT4		F7H2G9	-12,5205229	0,016666667
F8W9J4	Dystonin	DST		F6RAQ1	-12,51695893	0,016666667
A0A087WYS0	MICOS complex subunit MIC60	IMMT		A0A1D5R1E8	-12,41161408	0,025
Q9H008	Phospholysine phosphohistidine inorganic pyrophosphate phosphatase	LHPP		A0A1D5QVA2	-12,37889812	0,016666667
C9JVV1	TRAF2 and NCK-interacting protein kinase	TNIK		F7C057	-12,31656902	0,016666667
C9JI91	E3 ubiquitin-protein ligase TRIM56	TRIM56		G7MNV5	-12,2988307	0,025
O75494	Serine/arginine-rich splicing factor 10 (40 kDa SR-repressor protein) (SRrp40) (FUS-interacting serine-arginine-rich protein 1) (Splicing factor SRp38) (Splicing factor, arginine/serine-rich 13A) (TLS-associated protein with Ser-Arg repeats) (TASR) (TLS-associated protein with SR repeats) (TLS-associated serine-arginine protein) (TLS-associated SR protein)	SRSF10		F7DCV1	-12,23060053	0,016666667

H3BSW3	Adenine phosphoribosyltransferase	APRT		F6T5C3	-12,13763746	0,016666667
P82914	28S ribosomal protein S15, mitochondrial	MRPS15		F6TU46	-12,12903266	0,016666667
D6R941	28S ribosomal protein S36, mitochondrial	MRPS36		H9YXX5	-12,09414157	0,016666667
F2Z2F6	Solute carrier family 2, facilitated glucose transporter member 6	SLC2A6		F6W120	-12,07855554	0,016666667
P45954	Short/branched chain specific acyl-CoA dehydrogenase, mitochondrial	ACADSB		G7N1B7	-12,06440689	0,016666667
Q96DX4	RING finger and SPRY domain-containing protein 1	RSPRY1		F6W960	-12,05821211	0,025
P78318	Immunoglobulin-binding protein 1	IGBP1	Ident.: 84.7%	F6ZE75	-12,05540049	0,05
Q9Y5Y2	Cytosolic Fe-S cluster assembly factor NUBP2	NUBP2		A0A1D5RG49	-12,03363699	0,025
H0YKW9	Glycine amidinotransferase, mitochondrial	GATM		F6TSW8	-12,02811578	0,016666667
Q5U5X0	Complex III assembly factor LYRM7	LYRM7		A0A1D5Q911	-11,91613716	0,025
A0A1W2PR85	Synaptojanin-2	SYNJ2		F7DI71	-11,88773935	0,025
Q8TAA9	Vang-like protein 1	VANGL1		F7EQX6	-11,87963753	0,025
Q9Y6D5	Brefeldin A-inhibited guanine nucleotide-exchange protein 2	ARFGEF2		F7AUW7	-11,8555044	0,016666667
K7EPJ5	E3 ubiquitin-protein ligase MGRN1	MGRN1		F7FXG6	-11,84057443	0,025
F5H808	Submitted name: Cell division cycle and apoptosis regulator protein 1	CCAR1	Ident.: 88.5%	A0A1D5RKT7	-11,83994817	0,025
D6RIB3	H/ACA ribonucleoprotein complex non-core subunit NAF1	NAF1		F7FZD2	-11,83644342	0,05
P23497	Nuclear autoantigen Sp-100	SP100	Ident.: 81.1%	A0A1D5Q7N7	-11,82368629	0,025
E7EVA0	Microtubule-associated protein	MAP4		F7BEU8	-11,81327047	0,05
M0R111	Zinc finger and SCAN domain-containing protein 18	ZSCAN18		F7B3F1	-11,79556302	0,05
O60739	Eukaryotic translation initiation factor 1b	EIF1B		A0A1D5R466	-11,77933871	0,05
M0R1B9	EH domain-containing protein 2	EHD2		G7NNN2	-11,77114477	0,025
F8WCQ2	Phosphatidylinositol phosphatase SAC1	SACM1L		F7CVR8	-11,74871624	0,025
P56199	Integrin alpha-1 (CD49 antigen-like family member A) (Laminin and collagen receptor) (VLA-1) (CD antigen CD49a)	ITGA1		F7GLR6	-11,74503309	0,016666667
F8WF56	Lysine-specific demethylase 5C	KDM5C		F7CUH4	-11,73635568	0,05
P11142	Heat shock cognate 71 kDa protein	HSPA8	98.3%	F6RLH5	#REF!	#DIV/0!
K7ELS8	Synaptogyrin-2	SYNGR2		F7EHS8	-11,70794604	0,05

Q5SQQ1	Arginyl-tRNA--protein transferase 1	ATE1		F7E865	-11,69772126	0,025
C9J7D8	Choline dehydrogenase, mitochondrial	CHDH		F6SIV5	-11,6088063	0,025
H7C2L9	Ankyrin repeat and IBR domain-containing protein 1	ANKIB1		F6ULZ1	-11,58812571	0,025
Q14914	Prostaglandin reductase 1	PTGR1	Ident.: 86.3%	F7ENP9	-11,58605253	0,05
O00221	NF-kappa-B inhibitor epsilon	NFKBIE	97.8%	F7GSS2	#REF!	#DIV/0!
A0A075B736	Tubulin beta chain	TUBB8		A0A1D5QZ85	-11,51678562	0,016666667
Q5JS37	NHL repeat-containing protein 3	NHLRC3		F6UX60	-11,5142114	0,05
Q12981	Vesicle transport protein SEC20	BNIP1		A0A1D5R143	-11,49250364	0,05
H7C5D0	Protein DENND6A	DENND6A		F6XZK9	-11,47101878	0,05
Q9UNN8	Endothelial protein C receptor	PROCR	92.5%	A0A1D5RJA3	#REF!	#DIV/0!
Q16572	Vesicular acetylcholine transporter	SLC18A3	98.3%	A0A1D5QJ59	#REF!	#DIV/0!
I3L2I3	Regulatory-associated protein of mTOR	RPTOR		H9EN45	-11,2993019	0,025
E9PJA2	Macrophage colony-stimulating factor 1	CSF1		F7EJ7	-11,2949738	0,05
P56378	6.8 kDa mitochondrial proteolipid	MP68	Ident.: 81.7%	F7CEF1	-11,27445004	0,05
B5MD00	Mitochondrial import receptor subunit TOM7 homolog	TOMM7	96.1%	A0A1D5QHU0	#REF!	#DIV/0!
O43709	Probable 18S rRNA (guanine-N(7))-methyltransferase	BUD23		H9FPI7	-11,26566726	0,05
Q8IW92	Beta-galactosidase-1-like protein 2	GLB1L2		A0A1D5R8W6	-11,2642738	0,025
F8W6I7	Heterogeneous nuclear ribonucleoprotein A1	HNRNPA1		Q28521	-11,24583263	0,05
Q00610	Clathrin heavy chain 1	CLTC	97.2%	F7GQ74	#REF!	#DIV/0!
Q8IVB5	LIX1-like protein	LIX1L		F7GPQ7	-11,10700216	0,05
Q96T21	Selenocysteine insertion sequence-binding protein 2	SECISBP2		A0A1D5Q611	-11,09448881	0,05
O75427	Leucine-rich repeat and calponin homology domain-containing protein 4	LRCH4	96.2%	H9H3S6	#REF!	#DIV/0!
Q8NEF9	Serum response factor-binding protein 1	SRFBP1		A0A1D5R089	-11,04624997	0,05
O60701	UDP-glucose 6-dehydrogenase	UGDH		A0A1D5Q620	-11,00987099	0,05
Q15785	Mitochondrial import receptor subunit TOM34 (hTom34)	TOMM34		F7AIG5	-10,95119276	0,05
P37268	Squalene synthase	FDFT1		A0A1D5QYJ8	-10,93208403	0,05
Q6P4Q7	Metal transporter CNNM4 (Ancient conserved domain-containing protein 4)	CNNM4		F6SK88	-10,92738278	0,05
C9JCC6	Dr1-associated corepressor	DRAP1		H9EUJ6	-10,89368738	0,016666667

Q15018	BRISC complex subunit Abraxas 2	ABRAXA S2		F7EH83	-10,88108734	0,05
Q9UII4	E3 ISG15--protein ligase HERC5	HERC5	95.3%	F6RHY4	#REF!	#DIV/0!
P33121	Long-chain-fatty-acid--CoA ligase 1	ACSL1		A0A1D5Q1A1	-10,85206751	0,05
Q9UNS1	Protein timeless homolog	TIMELES S		F6PYQ9	-10,83043312	0,05
Q9H4M3	F-box only protein 44	FBXO44		F7BAM9	-10,82261428	0,016666667
Q9UHB4	NADPH-dependent diflavin oxidoreductase 1	NDOR1		F7FGS4	-10,73242465	0,05
P16930	Fumarylacetoacetase	FAH		F7HLK9	-10,69134681	0,05
A0A0A0MTR 2	Prolyl 3-hydroxylase OGFOD1	OGFOD1		F6TEL1	-10,63810792	0,05
P32780	General transcription factor IIH subunit 1	GTF2H1		F7DY74	-10,4683402	0,05
E7ETY7	Glutathione peroxidase	GPX8		F7GUZ8	-10,34467821	0,05
Q9HBL8	NmrA-like family domain-containing protein 1	NMRAL1		F7D894	-10,31651902	0,05
A0A1W2PNQ 8	GPI ethanolamine phosphate transferase 1	PIGN		F6WF63	-10,06024234	0,05
Q96AE4-2	Far upstream element-binding protein 1	FUBP1	99.1%	F7HB87	#REF!	#DIV/0!
Q9BUE6	Iron-sulfur cluster assembly 1 homolog, mitochondrial	ISCA1	100.0%	F7FEI1	#REF!	#DIV/0!
R9QGC0	Signal transducer and activator of transcription	STAT2	97.2%	F6R1P6	#REF!	#DIV/0!
Q8WVE0	EEF1A lysine methyltransferase 1	EEF1AKM T1	96.3%	G7NJQ2	#REF!	#DIV/0!
Q9H920	RING finger protein 121	RNF121	99.7%	F7EE81	#REF!	#DIV/0!
Q9HBH0	Rho-related GTP-binding protein RhoF	RHOF	95.8%	F7GHJ2	#REF!	#DIV/0!
Q6PIJ6	F-box only protein 38	FBXO38	99.7%	G7MVF7	#REF!	#DIV/0!
P56945	Breast cancer anti-estrogen resistance protein 1	BCAR1	97.1%	I0FWM4	#REF!	#DIV/0!
Q96JA1-2	Leucine-rich repeats and immunoglobulin-like domains protein 1	LRIG1	96.5%	F7GYS1	#REF!	#DIV/0!
A6NE02	BTB/POZ domain-containing protein 17 (Galectin-3-binding protein-like)	BTBD17		F7FWB3	-3,321327795	0,037930407
E7EQR6	T-complex protein 1 subunit alpha	TCP1		F6T521	-1,960643628	0,331406971
P62937	Peptidyl-prolyl cis-trans isomerase A	PPIA		F7AG60	-1,930972949	0,000235358
P08236	Beta-glucuronidase	GUSB		F7HTI0	-1,870738596	0,0045614
Q9BTE7	DCN1-like protein 5	DCUN1D5		F7DJV7	-1,821877285	0,229591852
Q8TEB7	E3 ubiquitin-protein ligase RNF128	RNF128		F7EJ25	-1,583285717	0,011615455
Q9BUA6	Myosin regulatory light chain 10	MYL10		A0A1D5QYG0	-1,541008189	0,094407115

Q9H6S0	Probable ATP-dependent RNA helicase YTHDC2	YTHDC2		F7D614	-1,531757743	1
E9PFW3	Submitted name: AP-2 complex subunit mu	AP2M1		A0A1D5QBS6	-1,478607371	0,573415084
O43172	U4/U6 small nuclear ribonucleoprotein Prp4 (PRP4 homolog) (hPrp4) (U4/U6 snRNP 60 kDa protein) (WD splicing factor Prp4)	PRPF4		F6TT47	-1,457856445	0,646874397
A0A1B0GW44	Cathepsin D	CTSD		F7H7Y3	-1,45352693	0,0000968
O43678	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2	NDUFA2		F6SKV1	-1,451917374	0,09843866
Q9BYC8	39S ribosomal protein L32, mitochondrial	MRPL32	Ident.: 84.1%	F7HTI3	-1,448724514	0,026008158
H0YFZ8	Rho guanine nucleotide exchange factor 17	ARHGEF17		F7DFN9	-1,415378396	0,651551542
P98172	Ephrin-B1 (EFL-3)	EFNB1		F7H0J3	-1,404024295	0,004761718
O95405	Zinc finger FYVE domain-containing protein 9	ZFYVE9		F7D4F7	-1,397537752	0,000921231
G3V5B1	Presenilin-1	PSEN1		F7AGU8	-1,357968956	0,005420279
E9PNI8	Coiled-coil domain-containing protein 90B, mitochondrial	CCDC90B		F6TS77	-1,306773927	0,199072491
Q9Y2Z9	Ubiquinone biosynthesis monooxygenase COQ6, mitochondrial	COQ6	Ident.: 89.1%	A0A1D5Q325	-1,298960412	0,0000167
Q16270	Insulin-like growth factor-binding protein 7	IGFBP7		F6QI33	-1,288993375	0,000128067
Q9BUE0	Mediator of RNA polymerase II transcription subunit 18	MED18		F6R857	-1,249460048	0,045056563
Q5VZY9	Serine/threonine-protein kinase DCLK1	DCLK1		F6YFH3	-1,207473536	0,014089281
A0A087WYW3	NK-tumor recognition protein	NKTR		F7HRK1	-1,20548923	0,007653867
Q96SB8	Structural maintenance of chromosomes protein 6	SMC6		A0A1D5Q104	-1,198109073	0,015153858
P11142	Heat shock cognate 71 kDa protein	HSPA8	Ident.: 79.0%	A0A1D5Q9K9	-1,174747503	0,619323994
P39023	60S ribosomal protein L3	RPL3		F7CNW1	-1,161992644	0,054212376
M0QX04	U1 small nuclear ribonucleoprotein 70 kDa	SNRNP70		F7CDU9	-1,159259634	0,199234962
P55209	Nucleosome assembly protein 1-like 1	NAP1L1		A0A1D5Q8B6	-1,139838468	0,062721057
F5GX88	Endoglin	ENG		F7BB68	-1,122463334	0,005170813
F8WF79	Golgi reassembly-stacking protein 2	GORASP2		F7GME2	-1,117571051	0,023291353
Q86W61	VCAN protein (Versican core protein)	VCAN		F7C5T5	-1,080944439	0,000310719

C9JHW6	SEC14 domain and spectrin repeat-containing protein 1	SESTD1		F7CB80	-1,075842822	0,005393047
Q9UJC3	Protein Hook homolog 1 (h-hook1) (hHK1)	HOOK1		F7A7W9	-1,075053542	0,044859832
O00505	Importin subunit alpha-4 (Importin alpha Q2) (Qip2) (Karyopherin subunit alpha-3) (SRP1-gamma)	KPNA3		H9FU81	-1,063563146	0,049689186
Q15208	Serine/threonine-protein kinase 38	STK38		F7D1P8	-1,062401037	0,038778448
O15320	Endoplasmic reticulum export factor CTAGE5 (CTAGE family member 5 ER export factor) (cTAGE-5) (Meningioma-expressed antigen 6/11)	CTAGE5		F7G0N0	-1,054288169	0,116258436
A8MU39	Serine/threonine-protein phosphatase (EC 3.1.3.16)	PPP5C		F6XI05	-1,050394178	0,060343177
C9IZ52	Retinal rod rhodopsin-sensitive cGMP 3',5'-cyclic phosphodiesterase subunit delta	PDE6D		F7BMR1	-1,041938895	0,084297631
Q7L576	Cytoplasmic FMR1-interacting protein 1	CYFIP1		A0A1D5Q7H4	-1,015380682	0,007586401
Q5JWG2	Receptor-type tyrosine-protein phosphatase alpha	PTPRA		F6TLA3	-1,010606657	0,000732661
Q5MNZ6	WD repeat domain phosphoinositide-interacting protein 3	WDR45B		F7ESS2	-1,008783656	0,005902829
H0YJZ6	Endoribonuclease Dicer	DICER1		F6SLC3	-0,994708277	0,004326324
Q9BT09	Protein canopy homolog 3	CNPY3		A0A1D5RJM4	-0,977795118	0,064640524
Q15542	Transcription initiation factor TFIID subunit 5	TAF5		F7C0P5	-0,975053281	0,102264281
Q5JW01	Engulfment and cell motility protein 2	ELMO2		F7FUN1	-0,969856693	0,391936955
F8W0P7	Submitted name: ATP synthase F1 subunit beta	ATP5F1B		A0A1D5Q5K4	-0,967486281	0,10123276
Q9UKL0	REST corepressor 1 ( CoREST)	RCOR1		F6TT62	-0,967157593	0,3681576
Q9Y3X0	Coiled-coil domain-containing protein 9	CCDC9		A0A1D5QV08	-0,962955345	0,003242211
Q8N8Y2	V-type proton ATPase subunit d 2 (V-ATPase subunit d 2) (Vacuolar proton pump subunit d 2)	ATP6V0D2		F7GTJ4	-0,947678116	0,039460905
Q6ZVM7	TOM1-like protein 2	TOM1L2		A0A1D5R044	-0,928096762	0,025179163
A0A0C4DG09	Cell adhesion molecule 3	CADM3		G7ME45	-0,924630411	0,007537951
Q9H074	Polyadenylate-binding protein-interacting protein 1	PAIP1		F7H0R0	-0,921819108	0,058192127
A9J571	Bromodomain-containing protein 3	BRD3		F7G2U9	-0,919247417	0,049573799
Q8IV08	Phospholipase D3 (PLD 3)	PLD3		F6W2K4	-0,911027704	0,0000459
Q9Y294	Histone chaperone ASF1A	ASF1A		F6WJH0	-0,908776332	0,001421666
B1ALD5	Sodium/hydrogen exchanger 1	SLC9A1		H9FYP5	-0,906929445	0,114460636
O00217	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial (EC 1.6.5.3) (EC 1.6.99.3)	NDUFS8		F7EFK7	-0,901993761	0,001675584

	(Complex I-23kD) (CI-23kD) (NADH-ubiquinone oxidoreductase 23 kDa subunit) (TYKY subunit)					
Q9UJ70	N-acetyl-D-glucosamine kinase (N-acetylglucosamine kinase)	NAGK		F6WHT9	-0,900743759	0,004068959
Q9Y314	Nitric oxide synthase-interacting protein	NOSIP		A0A1D5RG47	-0,897391089	0,00204483
F8VQD4	Submitted name: Chromosome 12 open reading frame 75	C12orf75		A0A1D5QPC9	-0,895905723	0,008811271
Q9UGM3	Deleted in malignant brain tumors 1 protein	DMBT1		F7GPW3	-0,895324935	0,041581191
O95674	Phosphatidate cytidylyltransferase 2	CDS2		G7N2W9	-0,894316647	0,071935762
X6RHS9	Proline and serine-rich protein 2	PROSER2		F7H1S4	-0,8937009	0,000485205
Q13586	Stromal interaction molecule 1	STIM1		A0A1D5RG16	-0,888808568	0,086426649
Q9P0I2	ER membrane protein complex subunit 3 (Transmembrane protein 111)	EMC3		F7HL31	-0,885726465	0,125142436
K7EKS7	Submitted name: 60S ribosomal protein L22	RPL22		A0A1D5RKF5	-0,884550497	0,090478893
Q96S55	ATPase WRNIP1	WRNIP1		F7DMV3	-0,880931232	0,343031675
Q5JXD3	Ubiquitin carboxyl-terminal hydrolase 11	USP11		F6TXQ2	-0,867160723	0,106140871
Q9Y3A0	Ubiquinone biosynthesis protein COQ4 homolog, mitochondrial	COQ4	Ident.: 70.0%	A0A1D5RAA7	-0,866075031	0,003239618
Q15800	Methylsterol monooxygenase 1	MSMO1		F7HR97	-0,865058339	0,000143073
S4R3E7	Cytosolic purine 5'-nucleotidase	NT5C2		F7GXC1	-0,863594625	0,076605138
D6RCB3	Eukaryotic peptide chain release factor subunit 1	ETF1		F7CTK0	-0,861621773	0,002579975
C9J2A2	Myotubularin	MTM1		F6Z4P3	-0,858423448	0,011231283
A6QRJ0	Deoxyribonuclease-1-like 1	DNASE1L 1		F7FYN3	-0,856997014	0,001194604
Q5T9E3	Mannosyl-oligosaccharide 1,2-alpha-mannosidase IB	MAN1A2		F7HCA5	-0,854149833	0,286034738
Q8NI60	Atypical kinase COQ8A, mitochondrial	COQ8A		F7F8M4	-0,834743056	0,008792826
Q96DC8	Enoyl-CoA hydratase domain-containing protein 3, mitochondrial	ECHDC3		A0A1D5Q539	-0,829570927	0,062682636
P13797	Plastin-3 (T-plastin)	PLS3		F7GYM9	-0,829235475	0,046289671
Q9UFM8	Neuroplastin	DKFZp566 H1924		F6YT38	-0,818353671	0,015871836
H0YMH7	CTD small phosphatase-like protein 2	CTDSPL2		F7APY5	-0,817292659	0,011077099
E5RFP4	RNA-binding protein with multiple-splicing	RBPMS		F6YR91	-0,81153823	0,012749334
A2AB27	Guanine nucleotide-binding protein-like 1	GNL1		Q5TM59	-0,806973388	0,295654405
K7EMM6	Ubiquitin carboxyl-terminal hydrolase 36	USP36		H9EXL0	-0,806440214	0,128488438
A0A096LP25	Submitted name: AP2-associated protein kinase 1	AAK1		A0A1D5QC79	-0,805139107	0,029425281



O43920	NADH dehydrogenase [ubiquinone] iron-sulfur protein 5 (Complex I-15 kDa) (CI-15 kDa) (NADH-ubiquinone oxidoreductase 15 kDa subunit)	NDUFS5		H9H3F4	-0,801921191	0,064137844
Q2TAL5	Smoothelin-like protein 2	SMTNL2		F7B6G9	-0,800372669	0,186947853
Q53S60	Bile salt export pump	ABCB11		F6SYV4	-0,799020837	0,053524775
Q6UX71	Plexin domain-containing protein 2	PLXDC2		F6SH47	-0,798678256	0,001340563
H0YBB7	Carboxypeptidase Q	CPQ		F7H5T4	-0,796424551	0,033196564
Q14139	Ubiquitin conjugation factor E4 A	UBE4A		F6WVB2	-0,793778881	0,012356822
J3QQQ3	Zinc finger protein 830	ZNF830		F7GWN5	-0,792305984	0,020117602
A0A0A0MQY7	VWFA and cache domain-containing protein 1	CACHD1		F6SSN2	-0,78910471	0,027324552
F8WFC4	Myelin protein zero-like protein 1	MPZL1		H9YWR2	-0,787900632	0,302838383
O00241	Signal-regulatory protein beta-1	SIRPB1	Ident.: 85.7%	A0A1D5RH16	-0,783311179	0,052039475
Q96F63	Coiled-coil domain-containing protein 97	CCDC97		F6TY46	-0,783235348	0,078768383
K7EN82	Glycylpeptide N-tetradecanoyltransferase 1	NMT1		F7GU86	-0,783026779	0,014024508
J3QSY4	H/ACA ribonucleoprotein complex subunit 2	NHP2		H9FUW8	-0,782616628	0,430443718
P15531	Nucleoside diphosphate kinase A	NME1		A0A1D5Q564	-0,774638582	0,03900842
F8WE78	Guanine nucleotide-binding protein G(i) subunit alpha-2	GNAI2		F7FD32	-0,771045541	0,058541874
D6RB96	Serine/threonine-protein kinase RIO2	RIOK2		F6YV79	-0,770843668	0,260826394
K7ELN1	UBX domain-containing protein 6	UBXN6		F6VEF6	-0,770251297	0,00978658
O43715	TP53-regulated inhibitor of apoptosis 1	TRIAP1		A0A1D5R964	-0,768955805	1
O95905	Protein ecdysoneless homolog (Human suppressor of GCR two)	ECD		F6WGQ2	-0,763738706	0,038353453
Q9BWD1	Acetyl-CoA acetyltransferase, cytosolic	ACAT2		A0A1D5Q514	-0,762334732	0,211160232
A5YM69	Rho guanine nucleotide exchange factor 35 (Rho guanine nucleotide exchange factor 5-like protein)	ARHGEF35		F6QYC0	-0,761731942	0,002936893
E7EPN9	PRRC2C	PRRC2C		F7GKV3	-0,759617784	0,008364489
Q15773	Myeloid leukemia factor 2	MLF2		F7HJY6	-0,757353269	0,217136135
E9PFK9	Rab5 GDP/GTP exchange factor	RABGEF1		H9H2V0	-0,755706111	0,173487292
X6R9S5	Ubiquitin carboxyl-terminal hydrolase MINDY-3	MINDY3		F7GVK3	-0,754530776	0,129290083
K7EKS7	Submitted name: 60S ribosomal protein L22	RPL22		A0A1D5Q5N4	-0,752418675	0,099596612
Q9Y3A0	Ubiquinone biosynthesis protein COQ4 homolog, mitochondrial	COQ4	Ident.: 70.0%	A0A1D5RKM2	-0,747142853	0,168110091



Q96DC8	Enoyl-CoA hydratase domain-containing protein 3, mitochondrial	ECHDC3		A0A1D5QNR2	-0,745612953	0,05651182
Q9C0D5	Tetratricopeptide repeat, ankyrin repeat and coiled-coil domain-containing protein 1	TANC1		F7HQW1	-0,744906627	0,021956189
A0A096LP25	Submitted name: AP2-associated protein kinase 1	AAK1		F7B725	-0,731491356	0,153349298
Q14139	Ubiquitin conjugation factor E4 A	UBE4A		F6WI08	-0,729528289	0,201693496
O00241	Signal-regulatory protein beta-1	SIRPB1	Ident.: 85.7%	A0A1D5RDA7	-0,726188662	0,041375485
Q9BU23	Lipase maturation factor 2	LMF2		F6ZZM5	-0,721902411	0,211430312
Q14691	DNA replication complex GINS protein PSF1 (GINS complex subunit 1)	GINS1		F6PPZ7	-0,720934501	0,167885466
P15531	Nucleoside diphosphate kinase A	NME1		A0A1D5R187	-0,717870984	0,015362986
O43715	TP53-regulated inhibitor of apoptosis 1	TRIAP1		A0A1D5QWJ0	-0,71461109	0,082297548
Q5VY60	HAUS augmin-like complex subunit 6	HAUS6		F7GZC3	-0,709656513	0,092173568
Q9BWD1	Acetyl-CoA acetyltransferase, cytosolic	ACAT2		F6TAZ6	-0,701636357	0,017176408
Q05048	Cleavage stimulation factor subunit 1	CSTF1	Ident.: 86.8%	A0A1D5RFS9	-0,698907657	0,029734246
Q8TAT6	Nuclear protein localization protein 4 homolog	NPLOC4		H9FWY0	-0,6965576	0,054411252
P48507	Glutamate--cysteine ligase regulatory subunit	GCLM		F6RLS0	-0,693734184	0,013848999
E9PKU3	Ribosomal protein S6 kinase alpha-4	RPS6KA4		F6SDH6	-0,691355954	0,265387155
O15305	Phosphomannomutase 2	PMM2		A0A1D5QBK6	-0,691204806	0,015545547
Q9Y4F1	FERM, ARHGEF and pleckstrin domain-containing protein 1	FARP1		G7NJI7	-0,688892563	0,018536497
Q9H7B4	Histone-lysine N-methyltransferase SMYD3	SMYD3		H9ETM0	-0,685643518	0,012736369
X6RKW4	Peptidylprolyl isomerase (EC 5.2.1.8)	FKBP15		F7HLN9	-0,685108887	0,02521268
Q9Y3R5	protein dopey-2	DOPEY2		F6RG65	-0,68244471	0,027445745
Q96FU6	Rab GDP dissociation inhibitor	GDI2		F6XQ64	-0,682345053	0,101895321
P09651	Heterogeneous nuclear ribonucleoprotein A1	HNRNPA1		F6XM83	-0,680664757	0,159365427
E9PM69	26S proteasome regulatory subunit 6A	PSMC3		G7N144	-0,679615534	0,002157626
Q96DE1	Submitted name: ACTG1 protein	ACTG1	88.3%	A0A1D5QKG0	-0,679286724	0,316423727
Q96LD4	Tripartite motif-containing protein 47	TRIM47		F7HF49	-0,677106946	0,182900474
Q5HYI8	Rab-like protein 3	RABL3		F7GV36	-0,677017536	0,080849725
Q8TEB1	DDB1- and CUL4-associated factor 11 (WD repeat-containing protein 23)	DCAF11		F7FN14	-0,675625732	1
Q86XE5	4-hydroxy-2-oxoglutarate aldolase, mitochondrial	HOGA1		F7GG87	-0,674511227	0,175066248
Q9BRJ6	Uncharacterized protein C7orf50	C7orf50		A0A1D5QIL1	-0,671467179	0,007713271

H0YF21	MAP7 domain-containing protein 1	MAP7D1		F6YWR9	-0,667993145	0,045530687
C9JJE0	Peroxisomal bifunctional enzyme	EHHADH		F7DIX8	-0,666421419	0,370462373
Q8NA47	Coiled-coil domain-containing protein 63	CCDC63		F6XET9	-0,665852659	0,251286435
Q15172	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit alpha isoform	PPP2R5A		A0A1D5Q6M6	-0,664759034	0,143334413
O75821	Eukaryotic translation initiation factor 3 subunit G	EIF3G		A0A1D5RGD0	-0,664326202	0,000597855
F5GXX3	Peroxisomal targeting signal 1 receptor	PEX5		F6YWE9	-0,660943389	0,104217752
P07910	Heterogeneous nuclear ribonucleoproteins C1/C2	HNRNPC		F6W532	-0,658377124	0,462048753
A0A0G2JIC2	ATP-binding cassette sub-family F member 1	ABCF1		H9FRK3	-0,655132159	0,058245673
P07108	Acyl-CoA-binding protein	DBI		A0A1D5QD17	-0,651522927	0,002984699
Q9GZP9	Derlin-2	DERL2		A0A1D5QGU9	-0,648364913	0,001597245
Q9H853	Putative tubulin-like protein alpha-4B	TUBA4B	Ident.: 72.0%	F7B0T9	-0,64748285	0,001174958
E9PFX0	Hepatitis A virus cellular receptor 1	HAVCR1		F7GB98	-0,64676874	0,213387796
P22670	MHC class II regulatory factor RFX1	RFX1		F6Y5S3	-0,64603814	0,046377872
Q9ULE4	protein FAM184B	FAM184B		F7EKW6	-0,645279392	0,187775073
O75391	Sperm-associated antigen 7	SPAG7		A0A1D5RD63	-0,644379386	0,000616688
F5H0C4	Proteasomal ATPase-associated factor 1	PAAF1		F7A0V2	-0,64314889	0,115694763
K7EL76	Kinesin light chain 3	KLC3		F6TC28	-0,638101051	0,036755222
Q9H5Q4	Dimethyladenosine transferase 2, mitochondrial	TFB2M		F6W6K7	-0,636430684	0,003054014
M0QX80	Persulfide dioxygenase ETHE1, mitochondrial	ETHE1		G7NM78	-0,63640301	0,167265832
C9J3R8	Beta-1,4-galactosyltransferase 4	B4GALT4		F7HPG1	-0,629367084	0,305391303
P62310	U6 snRNA-associated Sm-like protein LSM3	LSM3		F7DGD8	-0,627818301	0,01934978
O95486	transport protein Sec24A (SEC24-related protein A)	SEC24A		F7C397	-0,627214071	0,000343623
O75940	Survival of motor neuron-related-splicing factor 30	SMNDC1		F7CVM3	-0,625308208	0,056524341
Q9H9F9	Actin-related protein 5 (hARP5)	ACTR5		F7FIN2	-0,622231654	0,25052308
Q8IUH4	Palmitoyltransferase ZDHHC13	ZDHHC13		F7F1K8	-0,62112453	0,101170183
F5GXX5	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit DAD1	DAD1		A0A1D5QKU8	-0,621098273	0,072868247
E7EPN9	PRRC2C	PRRC2C		F7GIJ3	-0,620162	0,027796056
F8W921	Sterol regulatory element-binding protein cleavage-activating protein	SCAP		F7ANE1	-0,617364002	0,177032971
K7EJH1	Protein phosphatase 1D	PPM1D		F7ER18	-0,614042168	0,042421158
H0Y715	Voltage-dependent calcium channel subunit alpha-2/delta-1	CACNA2D1		F7A5D8	-0,612318465	0,078718737

Q9H845	Acyl-CoA dehydrogenase family member 9, mitochondrial	ACAD9		A0A1D5QKM8	-0,611180505	0,043219782
E9PSG7	Phosphofurin acidic cluster sorting protein 1	PACS1		F6YNU9	-0,608604723	0,066931818
F8WE80	Cell growth regulator with EF hand domain protein 1	CGREF1		F7GPR1	-0,606329743	0,170103699
Q15435	protein phosphatase 1 regulatory subunit 7	PPP1R7		A0A1D5Q4A0	-0,605315792	0,147035234
M0R2J8	Doublecortin domain-containing protein 1	DCDC1		F6PMI9	-0,603938679	0,036532308
C9JD13	TRPM8 channel-associated factor 1	TCAF1		F7DCA7	-0,603047	0,098730368
A0A0A0MRX9	Presequence protease, mitochondrial	PITRM1		F7A1F3	-0,602448933	0,16408454
H3BTB7	Probable glutamate--tRNA ligase, mitochondrial	EARS2		F6R4X7	-0,60213764	0,026157973
Q9H093	NUAK family SNF1-like kinase 2	NUAK2		F6YEL3	-0,600988747	0,036021266
Q8N7R7	Cyclin-Y-like protein 1	CCNYL1	Ident.: 75.3%	A0A1D5QX86	-0,597685213	0,046862184
Q13685	Angio-associated migratory cell protein	AAMP		F6UW16	-0,59545926	0,020935457
Q9H6T3	RNA polymerase II-associated protein 3	RPAP3		F6QTD8	-0,589489802	0,091833311
Q9HAT2	Sialate O-acetyltransferase	SIAE		F6THI3	-0,586443737	0,082888262
Q96MX6	WD repeat-containing protein 92	WDR92		H9EU79	-0,586149734	0,000875793
H7C1V1	MORC family CW-type zinc finger protein 2	MORC2		F6TKT8	-0,58393675	0,308170468
O95822	Malonyl-CoA decarboxylase, mitochondrial	MLYCD		F7A0H2	-0,582475559	0,046691051
H7C4L8	Poly [ADP-ribose] polymerase 12	PARP12		F6Z321	-0,577782595	0,222895968
E9PDQ5	Rho guanine nucleotide exchange factor 7	ARHGEF7		F7HJW1	-0,576340916	0,02802519
Q9BRD0	BUD13 homolog	BUD13		F7GLI4	-0,57586981	0,426219628
C9JTC6	Leucine-rich repeat flightless-interacting protein 1	LRRFIP1		F6S3D2	-0,575762318	0,061493581
Q9H5X1	MIP18 family protein FAM96A	FAM96A		H9EP99	-0,573178805	0,189404136
E9PLA9	Caprin-1	CAPRIN1		F7FA51	-0,57282406	0,036014677
P28066	Proteasome subunit alpha type-5	PSMA5		F6VLE9	-0,572585775	0,046589587
Q9BUA3	SPIN1-docking protein	C11orf84		A0A1D5QVG4	-0,571739766	0,009963674
Q9H900	zwilch homolog	ZWILCH		F7GNH0	-0,569347004	0,073047263
K7EN15	Soluble calcium-activated nucleotidase 1	CANT1		G7NH10	-0,567851983	0,013618949
O15397	Importin-8	IPO8		A0A1D5RDG3	-0,567070715	0,020422761
A0A1W2PS52	Cystatin-B	CSTB		F7DLR1	-0,566154592	0,124551646
Q96FC7	Phytanoyl-CoA hydroxylase-interacting protein-like	PHYHIPL		F6S9P6	-0,563078262	0,219997417
E9PQR9	Gasdermin-D	GSDMD		F7GS01	-0,562281101	0,04052227
P04818	Thymidylate synthase	TYMS		F6ZRA0	-0,56109801	0,016331654
D6RG17	Coatomer subunit gamma-1	COPG1		F6Z238	-0,56083452	0,41487597
P57739	Claudin-2 (SP82)	CLDN2		F6Z8S4	-0,560323078	0,173718975

F6TLX2	Glyoxalase domain-containing protein 4	GLOD4		F6VS17	-0,560265457	0,062136985
P08069	Insulin-like growth factor 1 receptor	IGF1R		A0A1D5R3D7	-0,559844972	0,148619463
Q53FT3	Protein Hikeshi	HIKESHI		F7F804	-0,559138193	0,004694965
H3BRV9	Nuclear transport factor 2	NUTF2		H9EQR2	-0,555558232	0,434508991
Q9NUP1	Biogenesis of lysosome-related organelles complex 1 subunit 4	BLOC1S4		A0A1D5R6M9	-0,550644403	0,084335741
Q99584	Protein S100-A13	S100A13		G7MDR8	-0,549800403	0,058929818
Q8WVM0	Dimethyladenosine transferase 1, mitochondrial	TFB1M		F6VAH2	-0,549640686	0,016568072
Q53GA4	Pleckstrin homology-like domain family A member 2	PHLDA2		F7C296	-0,549496974	0,075789665
Q9NUP1	Biogenesis of lysosome-related organelles complex 1 subunit 4	BLOC1S4		A0A1D5Q0B6	-0,548100867	0,24648008
X6R2P6	Programmed cell death protein 5	PDCD5		F6S8R2	-0,544397576	0,163536022
Q6XYQ8	Synaptotagmin-10 (Synaptotagmin X) (SytX)	SYT10		F7G8E4	-0,543453455	0,122420504
Q9NZZ3	Charged multivesicular body protein 5	CHMP5		F6TSB3	-0,541008939	0,075568818
Q96ND0	protein FAM210A	FAM210A		F7G087	-0,540429004	0,347775224
Q53GT1	Kelch-like protein 22	KLHL22		F7HGC9	-0,539819144	0,48070356
A0A087WYV4	Dehydrogenase/reductase SDR family member 11	DHRS11		F6Y1E5	-0,535462749	0,115752634
Q5TC12	ATP synthase mitochondrial F1 complex assembly factor 1 (ATP11 homolog)	ATPAF1		F6PWV4	-0,533756337	0,073895097
P30084	Enoyl-CoA hydratase, mitochondrial	ECHS1		A0A1D5QGP4	-0,533731779	0,078513286
H0YA07	Huntingtin	HTT		F6VQZ3	-0,533618546	0,02213629
P62191	26S proteasome regulatory subunit 4	PSMC1	Ident.: 71.1%	F6ZWN7	-0,532322558	0,160517813
E9PKG6	Nucleobindin-2	NUCB2		H9EMB8	-0,530585184	0,019461507
C9JDK5	Peregrin	BRPF1		F6XHR5	-0,529683911	0,442634748
F2Z3L8	V-type proton ATPase subunit S1	ATP6AP1		F7FLR7	-0,52948986	0,023677306
E9PF25	DNA mismatch repair protein Mlh1	MLH1		F6YA45	-0,527982154	0,172952777
G3V338	Submitted name: NRDE2 homolog	NRDE2		A0A1D5RKK3	-0,527093235	0,406876094
Q5W0X3	Peptidylprolyl isomerase (EC 5.2.1.8)	FKBP1A		F7CQQ5	-0,526394669	0,004877417
X6RA14	S-formylglutathione hydrolase	ESD		F6Z3Y0	-0,526350432	0,071173306
H0Y9P1	BMP-2-inducible protein kinase	BMP2K		F6U9P8	-0,525804977	0,009398806
P54652	Heat shock-related 70 kDa protein 2	HSPA2		F7D4C9	-0,520115454	0,000717337
H3BMD8	cAMP-regulated phosphoprotein 19	ARPP19		F7HRZ8	-0,519864495	0,013005923
Q15417	Calponin-3	CNN3		F7G309	-0,51976069	0,011164091
A0A096LP51	DNA primase large subunit	PRIM2		F6RQA5	-0,519194275	0,028510089

G3V494	tRNA (guanine(37)-N1)-methyltransferase	TRMT5		F7GSQ4	-0,517929269	0,195761169
H0YJG7	Activator of 90 kDa heat shock protein ATPase homolog 1	AHSA1		A0A1D5QXA8	-0,516938771	0,004228727
C9JHN8	Golgi to ER traffic protein 4 homolog	GET4		F7HLK7	-0,515935109	0,316701567
K7EMP1	Coiled-coil and C2 domain-containing protein 1A	CC2D1A		F7HU03	-0,512599349	0,06342767
H3BUV8	Lysyl oxidase homolog 1	LOXL1		F6Q5T0	-0,510802215	0,075881415
Q15714	TSC22 domain family protein 1	TSC22D1		A0A1D5RDM4	-0,509757217	0,108000252
P20337	Ras-related protein Rab-3B	RAB3B		F7APB8	-0,50913559	0,180537118
Q96GM8	Target of EGR1 protein 1	TOE1		A0A1D5Q3V7	-0,508846577	0,231813023
K7EIX4	Metalloproteinase inhibitor 2	TIMP2		F7GDZ7	-0,50732676	0,095095295
A0A1W2PQT3	Malic enzyme	ME2		A0A1D5Q5Y2	-0,506903305	0,010068032
P09529	Inhibin beta B chain	INHBB		A0A1D5QY16	-0,506028673	0,011136761
Q9NVA2	Septin-11	SEPT11		H9FX13	-0,504874566	0,053499024
O95900	Mitochondrial mRNA pseudouridine synthase TRUB2	TRUB2		F7BVF3	-0,504082259	0,056333597
A0A1B0GVZ4	Uroporphyrinogen decarboxylase	UROD		F7HR87	-0,50339707	0,004864177
D6RC56	Kynurenine/alpha-aminoadipate aminotransferase, mitochondrial	AADAT		A0A1D5QJX6	-0,500810776	0,314645387
O14841	5-oxoprolinase (EC 3.5.2.9) (5-oxo-L-prolinase) (5-OPase) (Pyroglutamase)	OPLAH		F6XQF8	-0,500740007	0,121674655
F8VVL1	Density-regulated protein	DENR		H9G148	-0,499788325	0,004276906
G3V5E5	Translation initiation factor eIF-2B subunit beta	EIF2B2		F7HB02	-0,499202561	0,062123863
Q8WW12	PEST proteolytic signal-containing nuclear protein (PCNP) (PEST-containing nuclear protein)	PCNP		F6R4G2	-0,498600502	0,003819403
C9JXA7	Ragulator complex protein LAMTOR4	LAMTOR4		A0A1D5QRJ1	-0,49677438	0,038784305
C9JDR0	Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating	NSDHL		F7GKA1	-0,495963432	0,136138411
Q9Y5V0	Zinc finger protein 706	ZNF706		F7E1G3	-0,492434306	0,130320987
Q5JWG0	Receptor-type tyrosine-protein phosphatase alpha	PTPRA		F6TLB9	-0,492250383	0,115854967
H3BSS5	BTB/POZ domain-containing protein KCTD5	KCTD5		I0FMB1	-0,491566882	0,064602943
Q8NBJ4	Golgi membrane protein 1	GOLM1		F7FX41	-0,490469889	0,000416562
F8W726	Ubiquitin-associated protein 2-like	UBAP2L		F7GRU6	-0,489492845	0,141487322
C9JLF4	Exonuclease 3'-5' domain-containing protein 2	EXD2		F7B2V9	-0,48824259	0,076738393

P41214	Eukaryotic translation initiation factor 2D	EIF2D		F7GX43	-0,487496539	0,07394236
Q32MK0	Myosin light chain kinase 3	MYLK3		F7G5G3	-0,48516234	0,009767544
C9JL85	Myotrophin	MTPN		F7H568	-0,483883403	0,372159184
F5H5G4	WW domain-binding protein 11	WBP11		F6S9X4	-0,482277234	0,118805254
Q92506	Estradiol 17-beta-dehydrogenase 8	HSD17B8		F7H864	-0,482234208	0,328533086
C9J2Z9	Histone-lysine N-methyltransferase SETD1A	SETD1A		A0A1D5R1K8	-0,481465562	0,158414398
C9J1E5	Signal transducing adapter molecule 1	STAM		H9ESU1	-0,481036853	0,024465264
Q9NZL4	Hsp70-binding protein 1	HSPBP1		F7H7X0	-0,479398324	0,618302324
A0A140T9Y7	tRNA (cytosine(34)-C(5))-methyltransferase	NSUN2		I2CYJ6	-0,478486498	0,155100787
P40425	Pre-B-cell leukemia transcription factor 2	PBX2		F6RF77	-0,476827471	0,19114659
Q8IVM0	Coiled-coil domain-containing protein 50 ( Ymer)	CCDC50		F6SPZ0	-0,476235863	0,026226729
Q9NP92	39S ribosomal protein S30, mitochondrial	MRPS30		F7FT74	-0,472801454	0,067693224
A0A075B746	28S ribosomal protein S21, mitochondrial	MRPS21		H9H4X1	-0,472655487	0,028788574
K7END1	Alpha-N-acetylglucosaminidase	NAGLU		F7HF51	-0,471976678	0,063933386
J3QSZ5	Protein SON	SON		F7GTY5	-0,470531442	0,038459613
F5H3U5	Fatty acid desaturase 1	FADS1		A0A1D5R3L6	-0,470426165	0,195891121
D6REA0	Glutamyl-tRNA(Gln) amidotransferase subunit B, mitochondrial (Glu-AdT subunit B) (EC 6.3.5.-) (Cytochrome oxidase assembly factor PET112 homolog) (PET112-like)	GATB		F7GP33	-0,469889974	0,031145303
Q9NVI7	ATPase family AAA domain-containing protein 3A	ATAD3A		F7G6G0	-0,469457266	0,025891215
A0A0C4DH16	BET1-like protein	BET1L		A0A1D5QVA6	-0,469283338	0,715574066
D6RJC9	Ubiquitin-like modifier-activating enzyme 5	UBA5		F7DF48	-0,468800548	0,198688303
M0R1B6	Dual-specificity mitogen-activated protein kinase kinase 2	MAP2K2		F7BMT0	-0,468244257	0,002923412
Q01081	Splicing factor U2AF 35 kDa subunit	U2AF1		F7BT41	-0,467085144	0,002771547
A8MVT4	39S ribosomal protein L23, mitochondrial	MRPL23		A0A1D5RH64	-0,466958385	0,024924685
Q9NWT1	p21-activated protein kinase-interacting protein 1	PAK1IP1		F6ZQG7	-0,466949688	0,217931935
H3BU88	Submitted name: Thymosin beta-15B	TMSB15B	Ident.: 88.9%	F7C114	-0,466387841	0,007905479
C9JSP1	B-cell receptor-associated protein 31	BCAP31		F7ESN9	-0,466222112	0,035366743
A0A1W2PQ51	Probable ATP-dependent RNA helicase DDX17	DDX17		F6R2W4	-0,465492996	0,032974732
F5H5B9	STAM-binding protein	STAMPB		F6XZX0	-0,46484677	0,000324251
C9K084	Cytosolic 5'-nucleotidase 3A	NT5C3A		A0A1D5Q612	-0,464183571	0,112031319



H0YG84	DNA-dependent protein kinase catalytic subunit	PRKDC		F6SP41	-0,463789823	0,361107561
G3V3W4	Proteasome subunit alpha type-3	PSMA3		F7E2S4	-0,46324518	0,466183224
E5RJR5	S-phase kinase-associated protein 1	SKP1		I0FL62	-0,463067034	0,001695043
E9PHY8	Maestro heat-like repeat-containing protein family member 1	MROH1		F7GEW4	-0,462828494	0,145388128
Q96DC8	Enoyl-CoA hydratase domain-containing protein 3, mitochondrial	ECHDC3		F7B2Y3	-0,460350207	0,149783975
G3V459	Serine/threonine-protein kinase Nek9	NEK9		F6U7G5	-0,459573935	0,190372907
E9PJK6	Isoaspartyl peptidase/L-asparaginase	ASRGL1		F6SYY2	-0,45777635	0,224059603
A0A0D9SEN0	Translation initiation factor eIF-2B subunit gamma	EIF2B3		F7GGU5	-0,456824779	0,214069934
U3KQ26	Forkhead box protein K1	FOXK1		F6WXZ2	-0,45654967	0,055181017
P62877	E3 ubiquitin-protein ligase RBX1	RBX1		I2CVJ6	-0,453935714	0,090453385
C9J0I5	Solute carrier family 12 member 9	SLC12A9		F7HPK4	-0,45285356	0,257985528
F8WAT4	Poly(A) polymerase gamma	PAPOLG		F6VGG2	-0,451033806	0,149262943
Q5T925	Sorbin and SH3 domain-containing protein 1	SORBS1		F6QJH2	-0,450634841	0,130706152
Q7Z7E8	Ubiquitin-conjugating enzyme E2 Q1	UBE2Q1		F7CQS7	-0,450026841	0,018538207
F2Z2F6	Solute carrier family 2, facilitated glucose transporter member 6	SLC2A6		F6YZD7	-0,449336624	0,10680009
E9PI78	39S ribosomal protein L49, mitochondrial	MRPL49		F6ZWE1	-0,445392731	0,216037651
Q6YHK3	CD109 antigen (150 kDa TGF-beta-1-binding protein)	CD109		A0A1D5R1P4	-0,442360577	0,095678699
P46777	60S ribosomal protein L5	RPL5	Ident.: 73.3%	A0A1D5RG41	-0,442346567	0,006355289
Q5T6W2	Heterogeneous nuclear ribonucleoprotein K	HNRNPK		F6VJH6	-0,441976115	0,026408001
O94992	Protein HEXIM1	HEXIM1		F7BGX2	-0,44190458	0,229201614
C9JNU6	HIG1 domain family member 1A, mitochondrial	HIGD1A		F7D2F4	-0,439607457	0,096599485
H0Y8Z1	Integrator complex subunit 3	INTS3		H9FYM8	-0,439123885	0,055984605
O75348	V-type proton ATPase subunit G 1	ATP6V1G1		F6Z8T3	-0,438819438	0,242209665
Q9H6R3	Acyl-CoA synthetase short-chain family member 3, mitochondrial	ACSS3		F6T734	-0,437362874	0,099768092
Q5T624	Nuclear autoantigenic sperm protein	NASP		H9H450	-0,436525184	0,025566165
O15455	Toll-like receptor 3 (CD antigen CD283)	TLR3		F7DWP4	-0,436520622	0,082109389
A0A024R877	Delta-aminolevulinic acid dehydratase	ALAD		F7GY51	-0,43621507	0,061281735

A0A087WZE9	High mobility group nucleosome-binding domain-containing protein 3	HMGN3		H9G1X1	-0,43514685	0,243146462
Q14185	Dedicator of cytokinesis protein 1 (180 kDa protein downstream of CRK)	DOCK1		A0A1D5QK63	-0,430008199	0,39631059
Q5TEJ0	Replication protein A 32 kDa subunit	RPA2		F7EYD7	-0,429489047	0,061971842
H3BU96	M-phase phosphoprotein 6	MPHOSP H6		F6ZF06	-0,427635169	0,146448357
D6RIW1	Hydroxymethylglutaryl-CoA synthase, cytoplasmic	HMGCS1		F7HQ90	-0,424778058	0,207241267
F8WBU3	Selenocysteine lyase	SCLY		F6X1J2	-0,423520289	0,443188592
P58004	Sestrin-2	SESN2		F7FNU6	-0,422194816	0,104657546
A0A087WXB4	Zinc finger protein 800	ZNF800		F6PLU8	-0,422118427	1
Q9NP77	RNA polymerase II subunit A C-terminal domain phosphatase SSU72	SSU72		F7G576	-0,42171058	0,083279304
Q8TB03	Uncharacterized protein CXorf38	CXorf38		H9EUZ3	-0,418430873	0,297411014
E9PM00	7-dehydrocholesterol reductase	DHCR7		A0A1D5QX85	-0,418384042	0,071749861
Q6ZRV2	FAM83H	FAM83H		F7BZ38	-0,417485461	0,252516536
Q96GX2	Ataxin-7-like protein 3B	ATXN7L3 B		H9EMC4	-0,41670838	0,412801621
O14828	Secretory carrier-associated membrane protein 3 (Secretory carrier membrane protein 3)	SCAMP3		F6TUP0	-0,416472808	0,009713681
E5RJU9	LYRIC	MTDH		A0A1D5QDU1	-0,415474745	0,240169789
O00161	Synaptosomal-associated protein 23 (SNAP-23) (Vesicle-membrane fusion protein SNAP-23)	SNAP23		A0A1D5QYR9	-0,413619664	0,288829585
I3L2W3	Nuclear pore complex protein Nup88	NUP88		F7BNM4	-0,412342976	0,530719415
Q13952	Nuclear transcription factor Y subunit gamma	NFYC		F7D2T1	-0,41096319	0,460691716
F8WED3	F-actin-capping protein subunit alpha-2	CAPZA2		F7H1J4	-0,41001406	0,107002273
Q9NX47	E3 ubiquitin-protein ligase MARCH5	MARCH5		F6QQS0	-0,408769538	0,18292641
E9PG54	Submitted name: Coiled-coil domain-containing protein 74B	CCDC74B	Ident.: 82.2%	A0A1D5QSJ0	-0,407508868	0,065371976
R4GMQ2	Disks large homolog 5	DLG5		F7E5S2	-0,406736776	0,028642532
H7C2N3	Pre-mRNA-processing factor 40 homolog A	PRPF40A		F7GA20	-0,405972252	0,351492704
K7EM15	Galectin-3-binding protein	LGALS3B P		F7CNK6	-0,405943592	0,043844314
O60264	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A member 5	SMARCA 5		F6Q1Z2	-0,405914249	0,14041169

	(SWI/SNF-related matrix-associated actin-dependent regulator of chromatin A5) (EC 3.6.4.-) (Sucrose nonfermenting protein 2 homolog) (hSNF2H)					
P51608	Methyl-CpG-binding protein 2	MECP2		A0A1D5R9D1	-0,404840722	0,170167896
F1T0J4	Homeobox protein HMX1	HMX1		F7GU63	-0,404003337	0,120246807
K7ER03	Transmembrane emp24 domain-containing protein 1	TMED1		F7GWE0	-0,401962511	0,236034894
Q5T760	Serine/arginine-rich-splicing factor 11	SRSF11		F6RMA5	-0,40031402	0,03924342
E2QRP0	Nibrin	NBN		F7GAU2	-0,400211375	0,61241857
Q5T6V5	Queuosine salvage protein	C9orf64		F6WZW8	-0,399564623	0,052835049
P10809	60 kDa heat shock protein, mitochondrial	HSPD1	Ident.: 79.4%	A0A1D5Q1B2	-0,399151356	0,162703812
Q9UMX1	Suppressor of fused homolog (SUFUH)	SUFU		F7FM83	-0,39829407	0,310745964
A0A087WT90	39S ribosomal protein L46, mitochondrial	MRPL46		F7GG54	-0,397442015	0,002795691
E7ERE6	Cohesin subunit SA-2	STAG2		I0FH65	-0,397276554	0,05153101
M0R303	Mitochondrial import inner membrane translocase subunit TIM50	TIMM50		F6T360	-0,396407897	0,433042824
Q9ULR5	Polyadenylate-binding protein-interacting protein 2B	PAIP2B		G7NAB1	-0,39584216	0,31888795
H7C3F5	CCR4-NOT transcription complex subunit 3	CNOT3		F6Y3K8	-0,393563857	0,455829668
P62191	26S proteasome regulatory subunit 4	PSMC1		F7HHF9	-0,393229572	0,032361485
Q9UN37	Vacuolar protein sorting-associated protein 4A	VPS4A		A0A1D5QUC8	-0,393208662	0,233487916
H3BR28	Heat shock factor-binding protein 1	HSBP1		F7GKB4	-0,393194783	0,144719054
P53367	Arfaptin-1	ARFIP1		F6X0M2	-0,389428754	0,214238523
J3QS70	Casein kinase I isoform delta	CSNK1D		H9EP06	-0,387505467	0,151338862
Q96EP0	E3 ubiquitin-protein ligase RNF31	RNF31		F7FF32	-0,387273025	0,091260792
Q2PPL5	Mitochondrial 5-methylaminomethyl-2-thiouridylate-methyltransferase transcript variant 1	TRMU		F6R1K4	-0,385253723	0,029021474
Q9BYD3	39S ribosomal protein L4, mitochondrial	MRPL4		G7NKZ4	-0,383487584	0,139759489
F5GXC5	T-cell immunomodulatory protein	ITFG1		F6RCT6	-0,382688807	0,153839388
E5RFT8	28S ribosomal protein S28, mitochondrial	MRPS28		F6Z4T0	-0,382187653	0,356873827
Q96G46	tRNA-dihydrouridine(47) synthase [NAD(P)(+)]-like	DUS3L		A0A1D5QLE6	-0,381943752	0,163572346
Q2VIQ3	Chromosome-associated kinesin KIF4B	KIF4B		F6SF61	-0,38168926	0,127826046
E7EMW0	Centrosomal protein of 170 kDa	CEP170		F7GNT3	-0,380852435	0,350878994
E7EQU2	Cytoplasmic dynein 1 intermediate chain 2	DYNC112		A0A1D5QQW2	-0,380560911	0,15648842
Q5TBH6	Dihydroxyacetone phosphate acyltransferase	GNPAT		F6VSZ9	-0,380336832	0,212001408
H7C2K7	Sushi domain-containing protein 5	SUSD5		A0A1D5Q3N5	-0,380023501	0,224235616

A0A087WUQ6	Glutathione peroxidase	GPX1		F7GVP7	-0,379903972	0,135057049
E9PJ04	Splicing factor 3B subunit 2	SF3B2		A0A1D5RBL4	-0,379341004	0,416844159
Q13576	Ras GTPase-activating-like protein IQGAP2	IQGAP2		F6U5V7	-0,378062531	0,162169807
P54253	Ataxin-1	ATXN1		F7H1M4	-0,377725534	0,408178635
H3BMD2	Carnitine O-palmitoyltransferase 1, liver isoform	CPT1A		F7GJ40	-0,376669779	0,477328833
H0YND8	eIF-2-alpha kinase GCN2	EIF2AK4		H9Z953	-0,375877882	0,263835917
Q9NVG8	TBC1 domain family member 13	TBC1D13		F6QZB0	-0,375570133	0,137494066
A0A087WZL5	Nucleoporin-like protein 2	NUPL2		F7G4R2	-0,375286382	0,406347073
F2Z341	Zinc transporter ZIP10	SLC39A10		F6WDC7	-0,375275581	0,239244394
K7ERF2	tRNA-dihydrouridine(47) synthase [NAD(P)(+)]-like	DUS3L		H9H574	-0,374663617	0,79677564
Q9H4L4	Sentrin-specific protease 3	SEN3		F7HGI8	-0,374020324	0,109735419
F8W0J6	Nucleosome assembly protein 1-like 1	NAP1L1		F7BMC0	-0,372038459	0,058778505
Q5JVC0	Citramalyl-CoA lyase, mitochondrial	CLYBL		F7ETT5	-0,371510177	0,121863191
A0A0D9SGC1	Unconventional myosin-VI	MYO6		A0A1D5RBP3	-0,370074261	0,021636609
A0A0C4DGZ6	Ribonucleoside-diphosphate reductase subunit M2 B	RRM2B		A0A1D5Q2L2	-0,369063169	0,188735466
Q5THN1	Heme-binding protein 2	HEBP2		F7H872	-0,366324482	0,006264447
H0Y5Y0	Prolyl endopeptidase	PREP		F6ZLE6	-0,365882847	0,041886646
Q15012	Lysosomal-associated transmembrane protein 4A	LAPTM4A		F7GV77	-0,36516403	0,255862914
K7EP45	Vacuolar protein-sorting-associated protein 25	VPS25		F6UGE3	-0,364312848	0,495330108
F8WAT7	Ribosomal RNA-processing protein 7 homolog A	RRP7A		F6SQI4	-0,364175712	0,331380706
G3V4P8	Glia maturation factor beta	GMFB		H9FT52	-0,363730651	0,387001988
M0QX71	Glutamate-rich WD repeat-containing protein 1	GRWD1		F7GGT6	-0,36318262	0,028771601
Q8IVF2	Protein AHNK2	AHNK2		F6RCZ5	-0,362966692	0,075660181
Q9Y512	Sorting and assembly machinery component 50 homolog	SAMM50		A0A1D5R0W5	-0,362915936	0,124743862
K7EPS4	Matrix-remodeling-associated protein 7	MXRA7		A0A1D5REJ0	-0,362716238	0,169343235
C9J722	Anion exchange protein 2	SLC4A2		G7MNG7	-0,362223211	0,054796325
D6RB59	Exocyst complex component 3	EXOC3		F7GVL8	-0,360818429	0,495345772
Q14197	Peptidyl-tRNA hydrolase ICT1, mitochondrial	MRPL58		F6PTV9	-0,360417259	0,05315248
A0A087WT82	Glypican-6	GPC6		A0A1D5Q5G4	-0,35971964	0,060529393
P51970	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 8	NDUFA8		A0A1D5Q182	-0,359416672	0,310997725

F5H3B6	Shroom2	SHROOM2		F7HNU4	-0,358390222	0,335564894
C9J2F3	Protein phosphatase 1F	PPM1F		F7GFC1	-0,358278323	0,265668261
J3KNC2	N-alpha-acetyltransferase 30	NAA30		F6UYE1	-0,358106299	0,089673735
H3BN14	Calretinin	CALB2		A0A1D5QH62	-0,357457255	0,089823256
E9PQ44	Activating signal cointegrator 1 complex subunit 1	ASCC1		F7A2N9	-0,354433332	0,515883039
Q5SQT3	Histone H2A	H2AFY2		F7GWS8	-0,353494169	0,002246812
F8WC41	COMM domain-containing protein 2	COMMD2		F6XXB1	-0,351893325	0,006389461
Q49AR2	UPF0489 protein C5orf22	C5orf22		F7HRN9	-0,350642226	0,21670009
E7EW25	Acetoacetyl-CoA synthetase	AACS		F6TYL3	-0,34883315	0,038553485
A0A087WWZ2	Phosphorylated CTD-interacting factor 1	PCIF1		H9FYB1	-0,3459934	0,184294881
M0R192	Flavin reductase (NADPH)	BLVRB		G7NLH4	-0,344612584	0,388005278
H3BQ81	Submitted name: Differentially-expressed in FDCP 8 homolog	DEF8	Ident.: 88.8%	A0A1D5RAH7	-0,344407474	0,154422658
E9PHT0	Dihydropyrimidinase-related protein 5	DPYSL5		F6XU97	-0,344322478	0,010288103
I3L2C7	Gem-associated protein 4	GEMIN4		F7DPP6	-0,343813112	0,068696889
O43592	Exportin-T	XPOT		F7DBX8	-0,341617214	0,063898323
A0A1W2PRQ0	FAM49B	FAM49B		F6SPJ4	-0,341415503	0,115809987
D6RB19	Peptidylprolyl isomerase domain and WD repeat-containing protein 1	PPWD1		F7G0S3	-0,339603271	0,066918931
A0A1W2PR09	Adaptin ear-binding coat-associated protein 1	NECAP1		F7DZS2	-0,339253701	0,100492524
E9PJK8	Switch-associated protein 70	SWAP70		F7HJZ8	-0,339125056	0,100281467
P62258	14-3-3 protein epsilon	YWHAE		A0A1D5QKY2	-0,339101489	0,160535346
E9PB61	THO complex subunit 4	ALYREF		A0A1D5QVR2	-0,339043038	0,179620028
G3V4R0	Gephyrin	GPHN		F7C0Q1	-0,338470032	0,150704017
Q15672	Twist-related protein 1 (Class A basic helix-loop-helix protein 38)	TWIST1		A0A1D5QXN2	-0,337947121	0,214696241
H0Y586	Proteasome endopeptidase complex (EC 3.4.25.1)	PSMA7		H9FXA8	-0,337699732	0,061781035
H0Y614	Ubiquitin-fold modifier 1	UFM1		F6ZVP0	-0,33745302	0,143881984
A0A0U1RRM2	Septin-7	SEPT7		A0A1D5R4K3	-0,337228517	0,143512224
B8ZZF0	Protein phosphatase 1B	PPM1B		F6XPC8	-0,334471328	0,584762867
Q06587	E3 ubiquitin-protein ligase RING1	RING1		F7H862	-0,332794592	0,249220144

B5MC96	HCLS1-binding protein 3	HS1BP3		A0A1D5QN45	-0,331956733	0,425037261
Q8TAE6	Protein phosphatase 1 regulatory subunit 14C	PPP1R14C		F7H817	-0,331787879	0,35449762
Q9BT73	Proteasome assembly chaperone 3 (PAC-3) (hPAC3)	PSMG3		F7H394	-0,330944921	0,013170905
H0YAA8	Mediator of RNA polymerase II transcription subunit 28	MED28		A0A1D5QII3	-0,330393345	0,173502648
P68366	Tubulin alpha-4A chain	TUBA4A		F7B0U6	-0,330269645	0,131870005
P16989	Y-box-binding protein 3	YBX3		F7AAR3	-0,328680143	0,058016856
M0QZR9	ELAV-like protein 1	ELAVL1		F7HS28	-0,327756331	0,102775036
D6REJ3	Cadherin-related family member 2	CDHR2		F6Z5D6	-0,327198398	0,281133413
F8WDN3	Cofilin-2	CFL2		G7MXF7	-0,327051288	0,075973691
H3BRC9	Lysine--tRNA ligase	KARS		F6TVG1	-0,326283579	0,33368396
P33778	Histone H2B type 1-B	HIST1H2B B		G7MR25	-0,325920748	0,554723818
B0QZ43	Erlin-1	ERLIN1		F6X927	-0,325455926	0,066693772
A0A0C4DGU3	Minor histocompatibility antigen H13	HM13		F7BY21	-0,324449128	0,448021783
F8WCJ2	Protein FAM107B	FAM107B		F7GYX7	-0,324209256	0,067512603
F8WCU0	Rab GDP dissociation inhibitor alpha	GDI1		F7FLQ1	-0,323783042	0,013951486
Q9UJX6	Anaphase-promoting complex subunit 2 (APC2) (Cyclosome subunit 2)	ANAPC2		F7G3J3	-0,323130965	0,159095693
A0A087WWG0	Transcriptional regulator ATRX	ATRX		F6ZEY8	-0,322056612	0,485445169
Q92805	Golgin subfamily A member 1 (Golgin-97)	GOLGA1		F7BLN5	-0,321266206	0,382367367
E9PP19	Cullin-5	CUL5		F7GGE0	-0,321077648	0,213175106
Q9Y334	von Willebrand factor A domain-containing protein 7 ( G7c)	VWA7		F6PM12	-0,321069423	0,112545073
O15091	Mitochondrial ribonuclease P catalytic subunit	KIAA0391		F7GTA8	-0,321006875	0,093402974
E7ES52	Cyclin-dependent kinase inhibitor 1B	CDKN1B		A0A1D5RC88	-0,320842508	0,216513051
J3KRM2	DNA polymerase subunit gamma-2, mitochondrial	POLG2		F7A977	-0,320065356	0,23457223
H0YEZ9	Ubiquilin-1	UBQLN1		G7NGE8	-0,319330761	0,049435261
J3KRF8	Aurora kinase B	AURKB		F6VVA5	-0,318891144	0,45679674
M0R008	A-kinase anchor protein 8-like	AKAP8L		F7FHI3	-0,318124979	0,431767623
Q8IU81	Interferon regulatory factor 2-binding protein 1	IRF2BP1		F7CH05	-0,317564642	0,103244955
Q9NVN8	Guanine nucleotide-binding protein-like 3-like protein	GNL3L		F7HU85	-0,316880731	0,194500972
E7END7	Submitted name: Ras-related protein Rab-1A	RAB1A		A0A1D5QKW0	-0,315891204	0,050160463



P35270	Sepiapterin reductase	SPR		F6YUE9	-0,3157341	0,01534447
B5MC71	Disintegrin and metalloproteinase domain-containing protein 10	ADAM10		H9EQI5	-0,314261111	0,382778117
Q2TB90	Putative hexokinase HKDC1	HKDC1		F7HAC6	-0,31398045	0,200235014
Q9BY11	Protein kinase C and casein kinase substrate in neurons protein 1	PAC SIN1		G7MRS0	-0,313395726	0,108888764
E5RIV7	3'-5' exoribonuclease 1	ERI1		H9EX66	-0,313043261	0,525113886
K7ELA4	Chromobox protein homolog 1	CBX1		F7GRX5	-0,312121694	0,047724914
Q13601	KRR1 small subunit processome component homolog	KRR1		F6YQM6	-0,311247533	0,239118397
I3L320	DnaJ homolog subfamily A member 2	DNAJA2		G7NP88	-0,311118081	0,401977241
A0A0G2JQF4	KAT8 regulatory NSL complex subunit 1	KANSL1		F6SAN7	-0,309992481	0,426067455
Q8NB37	Glutamine amidotransferase-like class 1 domain-containing protein 1 (Parkinson disease 7 domain-containing protein 1)	GATD1		F7CBG2	-0,309938854	0,119688473
Q6NTF9	Rhomboid domain-containing protein 2	RHBDD2		A0A1D5Q3B4	-0,309531973	0,527474061
P56556	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6	NDUFA6		F7H5N8	-0,309484665	0,044668382
V9GYS5	HD domain-containing protein 2	HDDC2		F6Q5W6	-0,309275033	0,151340701
P55809	Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial	OXCT1		A0A1D5QLR9	-0,308460472	0,600676279
S4R2X6	Serine/arginine-rich-splicing factor 4	SRSF4		A0A1D5RAN2	-0,308162491	0,052861171
H0Y973	Bardet-Biedl syndrome 7 protein	BBS7		H9EVY8	-0,307287244	0,719576275
Q9GZL7	Ribosome biogenesis protein WDR12	WDR12		A0A1D5Q899	-0,303098186	0,291684022
Q13825	Methylglutaconyl-CoA hydratase, mitochondrial	AUH		F7APJ9	-0,302265704	0,104230078
Q9NQ48	Leucine zipper transcription factor-like protein 1	LZTFL1		H9ESK6	-0,302018909	0,392137456
O00299	Chloride intracellular channel protein 1 (Chloride channel ABP) (Nuclear chloride ion channel 27) (NCC27) (Regulatory nuclear chloride ion channel protein) (hRNCC)	CLIC1		H9EMZ8	-0,30177626	0,142874641
Q5QPD0	5'-nucleotidase domain-containing protein 1	NT5DC1		F7G2B7	-0,301732774	0,061344649
A0A087X0R2	Mediator of DNA damage checkpoint protein 1	MDC1		Q5TM68	-0,301570596	0,208267652
Q5SSV3	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2	DDAH2		F6SMQ4	-0,300615106	0,089009312
Q15121	Astrocytic phosphoprotein PEA-15	PEA15		G7ME67	-0,299253617	0,061564395
F8VW29	Dual-specificity protein phosphatase 6	DUSP6		F7CT78	-0,298711059	0,011862385

A0A1B0GUB2	Parafibromin	CDC73		F7AJ74	-0,297817027	0,042971973
O95400	CD2 antigen cytoplasmic tail-binding protein 2	CD2BP2		F7EIB6	-0,297122521	0,160724786
A0A087WXK2	Retrotransposon-derived protein PEG10	PEG10		H9H5N7	-0,294846948	0,055884886
A0A087WZX0	B-cell CLL/lymphoma 9-like protein	BCL9L		F7HLU1	-0,294618707	0,530263894
A6NGY7	bicaudal C homolog 1	BICC1		F7EBY3	-0,294008258	0,105650094
A0A0A0MRH6	Transport and Golgi organization protein 1 homolog	MIA3		F7G9R8	-0,292975031	0,417522272
Q92538	Golgi-specific brefeldin A-resistance guanine nucleotide exchange factor 1 (BFA-resistant GEF 1)	GBF1		F7GVX8	-0,292187358	0,04813224
H0YG79	Coiled-coil domain-containing protein 86	CCDC86		F7HTL3	-0,291709906	0,349551423
J3KNS1	Cytosolic carboxypeptidase 1	AGTPBP1		A0A1D5REG1	-0,291543935	0,336885307
E2QRM3	Exportin-5	XPO5		F6WAH0	-0,291517069	0,024310826
Q8TD35	Protein LKAAEAR1 (LKAAEAR motif-containing protein 1)	LKAAEAR1		I0FT31	-0,291058605	0,029707612
Q8TAE8	Growth arrest and DNA damage-inducible proteins-interacting protein 1 (39S ribosomal protein L59, mitochondrial) (MRP-L59) (CKII beta-associating protein) (CR6-interacting factor 1) (CRIF1) (Mitochondrial large ribosomal subunit protein mL64) (Papillomavirus L2-interacting nuclear protein 1) (PLINP) (PLINP-1) (p53-responsive gene 6 protein)	GADD45GIP1		G7NLC5	-0,291048831	0,054074041
C9J7Q4	ABHD11	ABHD11		F7GT51	-0,290822504	0,094645123
Q9H3N1	Thioredoxin-related transmembrane protein 1	TMX1	Ident.: 75.0%	A0A1D5QNU0	-0,290501123	0,241247738
K7EMY9	Cold-inducible RNA-binding protein	CIRBP		F7DU86	-0,289796657	0,150441991
E9PQY2	Prefoldin subunit 4	PFDN4		A0A1D5RGY0	-0,289534891	0,357047666
Q9BTL3	RNMT-activating mini protein	FAM103A1		F6SCC9	-0,287634675	0,084054555
A0A0U1RRE5	Negative regulator of P-body association	NBDY		F7EAP2	-0,28711296	0,343244913
Q15628	Tumor necrosis factor receptor type 1-associated DEATH domain protein	TRADD		F6WWG3	-0,286767936	0,429411905

Q8IY85	EF-hand calcium-binding domain-containing protein 13	EFCAB13		A0A1D5Q7A0	-0,286755115	0,139687442
C9J313	Prolyl 3-hydroxylase 2	P3H2		F6Y1C1	-0,286714244	0,005876517
A0A087X2J2	ADP-ribosylation factor-like protein 8A	ARL8A		H9Z596	-0,286452182	0,208194426
Q9NX55	Huntingtin-interacting protein K	HYPK		G7MX15	-0,285611573	0,202017204
Q5T1X2	DnaJ homolog subfamily C member 1	DNAJC1		F7GZD6	-0,285605603	0,499786886
P23458	Tyrosine-protein kinase JAK1	JAK1		F6Y LX1	-0,285423578	0,088687528
A0A087X0V6	5-methylcytosine rRNA methyltransferase NSUN4	NSUN4		F7GR59	-0,284758612	0,750774533
P55060	Exportin-2	CSE1L		F7AU V0	-0,284674393	0,349610154
E9PK25	Cofilin-1	CFL1		I0FG05	-0,283708623	0,023987631
H0Y8L1	ATP-dependent RNA helicase DHX29	DHX29		F7D9X5	-0,28360584	0,074563333
Q96BJ3	Axin interactor, dorsalization-associated protein	AIDA		F6V585	-0,283271521	1
A0A087WTP2	Farnesyl pyrophosphate synthase	FDPS		F7FI27	-0,283191009	0,008133183
B8ZZ80	Origin recognition complex subunit 2	ORC2		F7BAH4	-0,282310892	0,234877536
E9PI14	39S ribosomal protein L16, mitochondrial	MRPL16		F6XD71	-0,281432721	0,247464005
F5H459	AP complex subunit sigma	AP3S1		F6QF98	-0,27830406	0,427589729
F8VW48	Receptor tyrosine-protein kinase erbB-3	ERBB3		F6U975	-0,278141301	0,226624202
Q5SYQ9	Retinal dehydrogenase 1	ALDH1A1		F6YY71	-0,27671415	0,035673622
M0R2K7	Branched-chain-amino-acid aminotransferase, mitochondrial	BCAT2		F6ZG30	-0,273986175	0,096033441
P04279	Semenogelin-1	SEMG1		F6SII9	-0,273827942	0,329918034
B8ZZ87	Mitotic-spindle organizing protein 2B	MZT2B		F7FMB4	-0,273817219	0,051326845
O75487	Glypican-4 (K-glypican) [Cleaved into: Secreted glypican-4]	GPC4		F7EBS1	-0,273584768	0,243600705
O15381	Nuclear valosin-containing protein-like	NVL		F6YPM4	-0,273257885	0,474045024
B1AP03	Transmembrane protein 51	TMEM51		F7HSV7	-0,273254523	0,212712857
M0QY15	Microtubule-associated protein 1S	MAP1S		F7GCT2	-0,271858857	0,564502481
E5RJG9	PIN2/TERF1-interacting telomerase inhibitor 1	PINX1		F6SR32	-0,271471209	0,268622247
D6R9X7	DNA excision repair protein ERCC-6	ERCC6		F7EMA2	-0,271134887	0,29180331
H7BZ40	LanC-like protein 2	LANCL2		F6Q9A7	-0,271119358	0,26816604
Q8N9T8	KRI1 homolog	KRI1		F6X3H2	-0,271039992	0,300647846
H0YNY7	Zinc fingers and homeoboxes protein 3	ZHX3		F6TKF2	-0,270311244	0,225218766
A0A0C4DGB0	Short coiled-coil protein	SCOC		A0A1D5Q8D5	-0,270173539	0,469872314
V9GY63	Phosphoinositide phospholipase C (EC 3.1.4.11)	PLCG1		F6WWF3	-0,269743885	0,426093508

D6RF86	Cadherin-6	CDH6		F6YS32	-0,269639669	0,085154364
P08240	Signal recognition particle receptor subunit alpha	SRPRA		F6ZRH2	-0,268769812	0,345689406
H3BT58	Coactosin-like protein	COTL1		F7F1L7	-0,267711062	0,047510248
Q9NP72	Ras-related protein Rab-18	RAB18		A0A1D5R5M1	-0,267026804	0,901480963
F5GYK2	Striatin-4	STRN4		F7ES64	-0,264727812	0,315211648
F8WEL7	Cleavage and polyadenylation-specificity factor subunit 4	CPSF4		A0A1D5R4E9	-0,263112009	0,256693429
G3V445	Probable tRNA N6-adenosine threonylcarbamoyltransferase	OSGEP		F7FCR0	-0,263020006	0,330572273
K7EJJ5	Clathrin heavy chain 1	CLTC		A0A1D5R8F5	-0,262876799	0,379330443
Q9HCF6	Transient receptor potential cation channel subfamily M member 3	TRPM3		F6Q574	-0,262849082	0,466041184
Q9BU02	Thiamine-triphosphatase	THTPA		A0A1D5QKN1	-0,262598899	0,557262919
U3KQG0	Threonine--tRNA ligase, mitochondrial	TARS2		F7H541	-0,261228228	0,27497372
P11142	Heat shock cognate 71 kDa protein	HSPA8		A0A1D5QBK7	-0,26035949	0,514562858
H3BRR2	DNA-directed RNA polymerase II subunit RPB3	POLR2C		F6VRF4	-0,260014609	0,166446473
A0A087X0Z7	Dehydrogenase/reductase SDR family member 7	DHRS7		F7GX15	-0,259760912	0,712178109
F8W696	Apolipoprotein A-I	APOA1		H9EWP4	-0,258818636	0,115301329
Q9H479	Fructosamine-3-kinase	FN3K		F6TWG7	-0,258017264	0,394166485
Q8N983	39S ribosomal protein L43, mitochondrial	MRPL43	Ident.: 78.0%	A0A1D5QIY2	-0,257532317	0,072564009
B7Z3N5	Lysophospholipid acyltransferase 5 (cDNA FLJ59910, highly similar to Membrane bound O-acyltransferase domain-containing protein 5 (EC 2.3.-.-))	LPCAT3		F6SI36	-0,257254685	0,243544102
F5H3M6	COP9 signalosome complex subunit 7a	COPS7A		F6X4K2	-0,257084577	0,311555006
R4GMS6	Submitted name: Sideroflexin-2	SFXN2		A0A1D5Q641	-0,256698141	0,156292399
Q9NZ63	Telomere length and silencing protein 1 homolog	C9orf78		F7GVG2	-0,255265519	0,101200986
H7C0X8	Macrophage-capping protein	CAPG		F7HQ21	-0,254339774	0,011834501
Q5SVH5	Importin-9	IPO9		F6TZU5	-0,253719433	0,005343536
Q16739	Ceramide glucosyltransferase	UGCG		F7FBF7	-0,253355883	0,489335322
D6RD67	Methylcrotonoyl-CoA carboxylase beta chain, mitochondrial	MCCC2		A0A1D5QR02	-0,251767324	0,044252016
F8VSL7	Erythrocyte band 7 integral membrane protein	STOM		F7HP19	-0,251362086	0,076224735
Q8WWC4	m-AAA protease-interacting protein 1, mitochondrial (Matrix AAA peptidase-interacting protein 1)	MAIP1		G7N8L6	-0,251340857	0,282478373

O75844	CAAX prenyl protease 1 homolog	ZMPSTE24		A0A1D5Q518	-0,251235566	0,268204386
C9J3I2	E3 ubiquitin-protein ligase KCMF1	KCMF1		F7CN72	-0,251211638	0,529888611
P28070	Proteasome subunit beta type-4	PSMB4		F7H4P3	-0,250591917	0,088261338
F8VR28	Dynamin-1-like protein	DNM1L		F7GI57	-0,25056422	0,498253397
Q16795	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial	NDUFA9	Ident.: 75.8%	A0A1D5QG48	-0,248997577	0,024629943
F8WCR8	NCK-interacting protein with SH3 domain	NCKIPSD		F7GBC7	-0,248590781	0,392634953
M0R119	Nuclear factor NF-kappa-B p100 subunit	NFKB2		F7GVU6	-0,248571928	0,402145477
A0A024QZX5	Submitted name: Serpin B6	SERPINB6	Ident.: 72.3%	F6WMH1	-0,247696184	0,092451961
D6R9T5	OCIA domain-containing protein 1	OCIAD1		A0A1D5R913	-0,24681163	0,123215474
Q5TEE2	Histone deacetylase 1	HDAC1		F6RIU8	-0,246013401	0,41359293
C9JQU6	PRA1 family protein	ARL6IP5		A0A1D5QPT9	-0,245527171	0,038537987
Q567U6	Coiled-coil domain-containing protein 93	CCDC93		A0A1D5Q7M7	-0,244995673	0,285102921
P54727	UV excision repair protein RAD23 homolog B	RAD23B		F6W0K0	-0,244860696	0,012966283
Q9UKZ1	CCR4-NOT transcription complex subunit 11	CNOT11		F6RQB9	-0,244335734	0,179721401
B7Z306	Ubiquitin-conjugating enzyme E2 E1 (cDNA FLJ52264, highly similar to Ubiquitin-conjugating enzyme E2 E1 (EC 6.3.2.19))	UBE2E1		F7HBX8	-0,244155797	0,709445589
Q7Z434	Mitochondrial antiviral-signaling protein (MAVS)	MAVS		H9FXM3	-0,244138951	0,467693577
Q96J02	E3 ubiquitin-protein ligase Itchy homolog	ITCH		H9ERF6	-0,243970221	0,139329548
C9IZR7	Probable leucine--tRNA ligase, mitochondrial	LARS2		G7MIU9	-0,243061589	0,083231251
H0YLT2	Cyclin-dependent kinase 12	CDK12		F7DGS7	-0,243060363	0,251949817
J3QSA7	U3 small nucleolar RNA-associated protein 6 homolog	UTP6		F6U7V6	-0,242581659	0,069352503
H7C5P5	Cytochrome c oxidase copper chaperone	COX17		F6RE77	-0,242423166	0,328364523
E9PLJ7	Acyl-coenzyme A thioesterase THEM4	THEM4		F7CSA1	-0,242089473	0,496678942
E7EVQ3	Angiopoietin-2	ANGPT2		F7FK03	-0,241936957	0,267425934
E9PNE5	unc-93 homolog B1	UNC93B1		F7EJ77	-0,241539527	0,512701073
Q9P206	Uncharacterized protein KIAA1522	KIAA1522		A0A1D5Q9P8	-0,241259742	0,165273602
Q8NDC0	MAPK-interacting and spindle-stabilizing protein-like	MAPK1IP1L		H9ET74	-0,240465956	0,453619177
P56181	NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial (Complex I-9kD) (CI-9kD)	NDUFV3		F7G588	-0,239933809	0,232437387

	(NADH-ubiquinone oxidoreductase 9 kDa subunit) (Renal carcinoma antigen NY-REN-4)					
Q9H0R6	Glutamyl-tRNA(Gln) amidotransferase subunit A, mitochondrial	QRSL1		F7HTV5	-0,239540598	0,096714426
H0YNP1	D-glucuronyl C5-epimerase	GLCE		F7FIG3	-0,238964491	0,624844358
Q13951	Core-binding factor subunit beta	CBFB		H9G176	-0,238618556	0,129256366
F2Z3H2	ABHD16A	ABHD16A		F6QWX1	-0,237062206	0,297556778
B0S8I6	FAM50A	FAM50A		H9Z2S8	-0,237004016	0,033841926
K7EL64	Fas-binding factor 1	FBF1		F7DAW8	-0,236759859	0,196185875
Q5H909	Melanoma-associated antigen D2	MAGED2		F7E9N0	-0,236615035	0,486774937
J3KNE1	CDKN2A-interacting protein	CDKN2AI P		F6V1G3	-0,236613268	0,137035283
Q9Y3C6	Peptidyl-prolyl cis-trans isomerase-like 1 (PPIase)	PPIL1		A0A1D5R3P8	-0,236526272	0,30150726
H3BNU8	Lysine-rich nucleolar protein 1	KNOP1		F7HN15	-0,236232944	0,765635786
P08238	Heat shock protein HSP 90-beta	HSP90AB 1		F6WPP9	-0,235618476	0,24712981
Q9UIQ6	Leucyl-cystinyl aminopeptidase	LNPEP		F7A1I2	-0,233519454	0,04345841
P42677	40S ribosomal protein S27	RPS27	Ident.: 84.5%	A0A1D5QSP6	-0,233516363	0,747772613
Q8NC44	Reticulophagy regulator 2	RETREG2		F6RA11	-0,233106091	0,324147583
O43929	Origin recognition complex subunit 4	ORC4		H9ERG8	-0,231481711	0,320276599
E5RGI2	Ganglioside-induced differentiation-associated protein 1	GDAP1		F6X699	-0,230776726	0,467263354
J3QLE1	Microtubule cross-linking factor 1	MTCL1		A0A1D5QIC8	-0,230063757	0,320894871
B4DL54	CHURC1-FNTB readthrough (cDNA FLJ59570, highly similar to farnesyltransferase subunit beta (EC 2.5.1.58))	CHURC1- FNTB		A0A1D5R7P4	-0,229710764	0,419230467
F8WDC9	Replication factor C subunit 2	RFC2		F7HAF1	-0,228141327	0,216277868
M0QX66	Pyroglutamyl-peptidase 1	PGPEP1		F7GUB6	-0,227967111	0,168050438
P41208	Centrin-2 (Caltractin isoform 1)	CETN2		F7HKU5	-0,227415277	0,187015927
K7EPN7	F-box/LRR-repeat protein 12	FBXL12		G7NKX8	-0,22667	0,799128212
K7ENN2	39S ribosomal protein L54, mitochondrial	MRPL54		I2CY71	-0,225777436	0,577258397
A6NH01	AP complex subunit sigma	AP1S2		F7AGC5	-0,225742827	0,042032699
Q8WUH1	Protein Churchill	CHURC1		A0A1D5RA12	-0,225722476	0,437128548
Q7Z7K6	Centromere protein V	CENPV	Ident.: 81.9%	F7CJK3	-0,225470395	0,639802649



F5H0D2	Coronin	CORO1B		G7NBX7	-0,225330118	0,000945704
Q9BV20	Methylthioribose-1-phosphate isomerase	MRI1		G7NLY1	-0,224734231	0,293357335
Q5T3N1	Annexin	ANXA1		F7D2H1	-0,224629321	0,292946482
P20618	Proteasome subunit beta type-1	PSMB1		F7GNS6	-0,22391563	0,020745366
C9JST4	Phosducin-like protein 3	PDCL3		H9EX97	-0,223861533	0,087782094
P35244	Replication protein A 14 kDa subunit	RPA3		F6TGA8	-0,223681263	0,411190309
H0Y8N7	39S ribosomal protein L1, mitochondrial	MRPL1		F6UB30	-0,22342308	0,284625158
Q15937	Zinc finger protein 79 (ZNFpT7)	ZNF79		F7DWQ1	-0,223126946	0,001198078
A8MTL9	Serpin-like protein HMSD (Minor histocompatibility protein HMSD) (Minor histocompatibility serpin domain-containing protein)	HMSD		F6TWQ0	-0,221904151	0,415653684
F8W1H0	Chromosome 17 open reading frame 49	C17orf49		F7EYY4	-0,221608558	0,599360899
A0A0B4J230	ATP synthase inhibitory factor subunit 1	ATP5IF1		H9FVS9	-0,221198389	0,522912254
E7ENQ8	Phosphoglucomutase-2	PGM2		H9EV43	-0,221150669	0,289323273
H7C5S0	Actin-like protein 6A	ACTL6A		A0A1D5QJ60	-0,221142627	0,292339709
X6RGY1	Zinc finger CCCH-type with G patch domain-containing protein	ZGPAT		F7GUR6	-0,220488539	0,538273525
P24539	ATP synthase F(0) complex subunit B1, mitochondrial	ATP5F1		F7ALL9	-0,220160824	0,366927223
Q9H074	Polyadenylate-binding protein-interacting protein 1	PAIP1		F7H0R2	-0,219577219	0,397391787
P60709	Actin, cytoplasmic 1	ACTB		A0A1D5R975	-0,219252607	0,738312554
Q8NCA5	Protein FAM98A	FAM98A		F7BNZ9	-0,217385117	0,361255229
Q7L3T8	Probable proline--tRNA ligase, mitochondrial	PARS2		F6YZE4	-0,217029944	0,238416606
B4DHS6	cDNA FLJ55206, highly similar to Loss of heterozygosity 11 chromosomal region 2 gene A protein (von Willebrand factor A domain-containing protein 5A)	VWA5A		F6VIM6	-0,216225985	0,47694116
F5GZR9	4F2 cell-surface antigen heavy chain	SLC3A2		F6RUW5	-0,215724121	0,435176234
Q86W51	PDCD6 protein (Programmed cell death protein 6)	PDCD6		H9EN72	-0,215653248	0,004478783
E9PI03	Vacuolar protein sorting-associated protein 52 homolog	VPS52		F7H853	-0,215628115	0,547276187
R4GNF2	Submitted name: COMM domain-containing protein 3	COMMD3		F6TEM8	-0,215435519	0,56066507
F8W8E2	Cytohesin-2	CYTH2		F7GGR0	-0,214926804	0,804449429
Q9BQA9	Uncharacterized protein C17orf62	C17orf62		F6QNN8	-0,214833523	0,030073723
F5H296	N-acylneuraminate cytidyltransferase	CMAS		F7H7Q2	-0,214446559	0,244872072

A8MXZ4	G-protein-coupled receptor family C group 5 member C	GPRC5C		F7C3D6	-0,214076512	0,164796898
Q6IE81	Jade-1	JADE1		F6UGJ1	-0,213857905	0,529019758
H0Y3T6	45 kDa calcium-binding protein	SDF4		H9FVA4	-0,213359442	0,339245623
Q5JW54	Kinetochore-associated protein DSN1 homolog	DSN1		F7G817	-0,212459255	0,189460222
C9JTK6	Obg-like ATPase 1	OLA1		F7ERJ8	-0,21242257	0,054650025
P14209	CD99 antigen	CD99		F6ZS69	-0,212379743	0,710171253
C9JXK0	Lamin-B receptor	LBR		F7EBC6	-0,212257742	0,264508151
H0YI16	PRKC apoptosis WT1 regulator protein	PAWR		F6WI71	-0,212081695	0,050449922
Q13247	Serine/arginine-rich splicing factor 6 (Pre-mRNA-splicing factor SRP55)	SRSF6		H9FYE8	-0,211958257	0,091487946
F8WD90	Sterol 26-hydroxylase, mitochondrial	CYP27A1		F7HD06	-0,211900136	0,22817917
P55081	Microfibrillar-associated protein 1	MFAP1		F7G911	-0,210903665	0,223531847
E9PIE4	Mitochondrial carrier homolog 2	MTCH2		A0A1D5RG12	-0,209668374	0,347659005
H7C4F9	Protein disulfide-isomerase A5	PDIA5		F7CEQ3	-0,209555631	0,162899673
J3KNW1	FLYWCH-type zinc finger-containing protein 1	FLYWCH1		F7C0Y1	-0,20891854	0,058343321
H0Y4Q6	General transcription factor 3C polypeptide 2	GTF3C2		F7B990	-0,20838326	0,378661956
Q8NAT1	Protein O-linked-mannose beta-1,4-N-acetylglucosaminyltransferase 2	POMGNT2		G7MIX1	-0,208166201	0,521928889
H0YCP7	GDP-L-fucose synthase	TSTA3		F7FLX2	-0,208143911	0,289220906
Q5T4U8	Geranylgeranyl transferase type-2 subunit beta	RABGGTB		F6TFB0	-0,207545755	0,24591282
A6NEM5	GPI-anchor transamidase	PIGK		F6V958	-0,207345924	0,424567673
G3V2A6	NDRG2	NDRG2		F7EJ47	-0,206655354	0,053046234
M0R0K9	Transcription intermediary factor 1-beta	TRIM28		F7G9W9	-0,206081399	0,47506847
O76024	Wolframin	WFS1		F6Z3A4	-0,205971032	0,282694613
S4R357	DNA/RNA-binding protein KIN17	KIN		F7HJZ5	-0,205149488	0,574128903
E9PIF2	RNA helicase (EC 3.6.4.13)	DDX10		F7BIN5	-0,204692162	0,091545471
H0YK95	AP-4 complex subunit epsilon-1	AP4E1		F6UD43	-0,204395933	0,508465736
H0YA96	Heterogeneous nuclear ribonucleoprotein D0	HNRNPD		F7APF4	-0,204129082	0,046016853
C9JUE0	TFG	TFG		F7HHW2	-0,204077767	0,13003381
Q8N0Z8	tRNA pseudouridine synthase-like 1 (EC 5.4.99.-) (tRNA pseudouridylate synthase-like 1) (tRNA-uridine isomerase-like 1)	PUSL1		F7GAE4	-0,203462038	0,506920895
A0A0A0MSS4	Nuclear migration protein nudC	NUDC		F6T9J7	-0,201936959	0,135064744

Q9NRF9	DNA polymerase epsilon subunit 3	POLE3		F7EVY7	-0,201269054	0,247813573
Q5VST6	Alpha/beta hydrolase domain-containing protein 17B (Abhydrolase domain-containing protein 17B) (EC 3.1.2.22)	ABHD17B		F7A7W3	-0,201088611	0,341729487
Q15375	Ephrin type-A receptor 7	EPHA7		G7MPY1	-0,201067636	0,626899564
Q5VWU8	Partitioning defective 3 homolog	PARD3		F7HHT6	-0,201037052	0,189502746
E9PJV6	Syntaxin-17	STX17		F6VSJ7	-0,200942835	0,675314727
F8WB20	Nucleobindin-1	NUCB1		F6ZVE3	-0,199736212	0,01179734
E9PJB9	Deoxyribose-phosphate aldolase	DERA		F6XLA4	-0,199693011	0,05223332
K7EKQ8	U6 small nuclear RNA (adenine-(43)-N(6))-methyltransferase	METTL16		F7DQI0	-0,199564729	0,186205973
Q9P032	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4	NDUF4F4		F6ZAR5	-0,198244172	0,114438885
A0A0G2JLC0	Complement component 1 Q subcomponent-binding protein, mitochondrial	C1QBP		F7HPK9	-0,197904093	0,619391819
K7EL81	Protein phosphatase 1 regulatory subunit 12C	PPP1R12C		F6S139	-0,197734257	0,477195148
A0A087X2H9	WD repeat-containing protein 13	WDR13		F6S8M5	-0,197424499	0,496091972
P18859	ATP synthase-coupling factor 6, mitochondrial	ATP5J	Ident.: 70.9%	A0A1D5QS15	-0,195865915	0,038912325
G3V2U3	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform	PPP2R5C		F7F3M0	-0,195083514	0,517182166
K7ES73	Bifunctional coenzyme A synthase	COASY		F6YL76	-0,194907144	0,551786125
A0A0G2JLB8	Beta-2-syntrophin	SNTB2		F6TV85	-0,193710053	0,367044424
P00414	Cytochrome c oxidase subunit 3	MT-CO3		Q6IYH5	-0,193047965	0,317456966
Q6IN85	Serine/threonine-protein phosphatase 4 regulatory subunit 3A	PPP4R3A		F6VUH1	-0,192720278	0,802568501
Q9H444	Charged multivesicular body protein 4b	CHMP4B		H9FPW6	-0,191779769	0,33587675
G3V2H4	Signal transducer and activator of transcription 6	STAT6		F6UMM2	-0,191132256	0,515588083
F8WB27	Translocation protein SEC63 homolog	SEC63		F7FPB6	-0,190197498	0,415592001
E5RHC2	Protein N-terminal glutamine amidohydrolase	WDYHV1		F6YHY3	-0,189449889	0,40635313
Q9H993	Protein-glutamate O-methyltransferase	ARMT1		F7H620	-0,189315798	0,14285091
Q9NRX5	Serine incorporator 1 (Tumor differentially expressed protein 1-like)	SERINC1		F6PRH2	-0,188851252	0,767293431
A0A0C4DGH6	UHRF1-binding protein 1-like	UHRF1BP1L		F7HDE0	-0,188750966	0,501858301

Q5VVL7	Dihydrolipoamide acetyltransferase component of pyruvate dehydrogenase complex	DBT		A0A1D5R7T4	-0,187822208	0,373355072
P40926	Malate dehydrogenase, mitochondrial (EC 1.1.1.37)	MDH2		G7MNY8	-0,18732302	0,519097498
P00505	Aspartate aminotransferase, mitochondrial	GOT2		A0A1D5QI06	-0,186416333	0,323243411
Q9NUQ3	Gamma-taxilin	TXLNG		A0A1D5RC87	-0,186177279	0,624915069
Q07002	Cyclin-dependent kinase 18	CDK18		F6Z598	-0,186150762	1
Q9Y6X5	Bis(5'-adenosyl)-triphosphatase ENPP4	ENPP4		F7GTS7	-0,185254018	0,582630353
P84085	ADP-ribosylation factor 5	ARF5		H9ENQ3	-0,185008771	0,339629238
P49458	Signal recognition particle 9 kDa protein (SRP9)	SRP9		G7MEF6	-0,184470795	0,725712808
Q9GZS1	DNA-directed RNA polymerase I subunit RPA49	POLR1E		F7F1H5	-0,183933154	0,614530501
O95336	6-phosphogluconolactonase	PGLS		H9FSJ0	-0,183574528	0,57334912
Q9NTJ3	Structural maintenance of chromosomes protein 4	SMC4		F6UIR1	-0,183446144	0,425859122
A0A0C4DGB1	rRNA adenine N(6)-methyltransferase (EC 2.1.1.-)	DIMT1		F6X5A5	-0,183425974	0,447416731
Q14118	Dystrophin-associated glycoprotein 1	DAG1		F6RU72	-0,182694977	0,298222004
Q9BVA0	Katanin p80 WD40 repeat-containing subunit B1	KATNB1		G7NPV4	-0,18241114	0,339402925
P28749	Retinoblastoma-like protein 1 (107 kDa retinoblastoma-associated protein)	RBL1		F7CLV0	-0,182344677	0,565032623
H0Y863	Pseudouridylate synthase 7 homolog	PUS7		A0A1D5R820	-0,181929197	0,377157233
X6RH03	Glycosaminoglycan xylosylkinase	FAM20B		F7H529	-0,181887822	0,655798926
Q86Y37	CDK2-associated and cullin domain-containing protein 1	CACUL1		F7GNK2	-0,181565288	0,415091306
H0YJT6	Protein NRDE2 homolog	NRDE2		F7CR99	-0,181266829	0,582883878
B0QZ40	COMM domain-containing protein 6	COMMD6		F7GXX0	-0,181227517	0,503758423
E9PJJ8	Barrier-to-autointegration factor	BANF1		F6T830	-0,181112112	0,446295515
O94819	Kelch repeat and BTB domain-containing protein 11	KBTBD11		A0A1D5Q3F5	-0,180988175	0,521023893
Q9NZE8	39S ribosomal protein L35, mitochondrial	MRPL35	Ident.: 78.8%	F7FC03	-0,180885431	0,598531303
C9JRV9	Ubiquitin-like modifier-activating enzyme 5	UBA5		A0A1D5Q650	-0,180522206	0,394804781
R4GMM7	Tyrosine-protein phosphatase non-receptor type 23	PTPN23		F7ANH2	-0,180333305	0,173239403
C9JCD9	BUD31 homolog	BUD31		A0A1D5RF91	-0,178937431	0,416687036
P46108	Adapter molecule crk (Proto-oncogene c-Crk) (p38)	CRK		H9FQ57	-0,17886504	0,02722621
Q9H511	Kelch-like protein 31 (BTB and kelch domain-containing protein 6)	KLHL31		F7HT97	-0,178584038	0,500407752
Q86TB3	Alpha-protein kinase 2	ALPK2		F7H442	-0,178112178	0,309895822

O00410	Importin-5 (Imp5) (Importin subunit beta-3) (Karyopherin beta-3) (Ran-binding protein 5) (RanBP5)	IPO5		F6Z6Q9	-0,177930017	0,402049469
P47224	Guanine nucleotide exchange factor MSS4	RABIF		F6TLX9	-0,176658582	0,800358873
Q8TBM8	DnaJ homolog subfamily B member 14	DNAJB14		F7GXJ8	-0,175430478	0,638678011
P31323	cAMP-dependent protein kinase type II-beta regulatory subunit	PRKAR2B		F6Q503	-0,175321518	0,299651048
Q8WVX6	WAPAL protein (Wings apart-like protein homolog)	WAPL		F6ZUH3	-0,175308525	0,339170933
C9JQS8	WW domain-containing transcription regulator protein 1	WWTR1		F6XXC8	-0,174389896	0,468299143
P00558	Phosphoglycerate kinase 1	PGK1		F6SFZ4	-0,173492504	0,61751815
K7EMI0	Vacuole membrane protein 1	VMP1		F7GM05	-0,172764516	0,316594084
H0Y456	FAM210B, mitochondrial	FAM210B		F7HM20	-0,172480655	0,556106908
Q969T7	7-methylguanosine phosphate-specific 5'-nucleotidase (7-methylguanosine nucleotidase)	NT5C3B		H9EV66	-0,171988	0,327109367
F8WC81	WD repeat-containing protein 75	WDR75		F7FX33	-0,171886357	0,234263459
A0A0U1RRC3	Serine/threonine-protein kinase MRCK beta	CDC42BPB		F7HMH6	-0,171795611	0,396237498
A0A1B0GUI0	Ras-related protein Rab-9A	RAB9A		F6Z6I1	-0,171407074	0,319024809
E9PMS4	HID1	HID1		F7FA66	-0,170736892	0,865517664
P45877	Peptidyl-prolyl cis-trans isomerase C	PPIC		F7BC33	-0,170663388	0,491861572
S4R3K0	Chromosome alignment-maintaining phosphoprotein 1	CHAMP1		G7NJP8	-0,170095368	0,34134703
Q9P2R7	Succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial	SUCLA2		H9EWH0	-0,169411994	0,497582628
M0QXY7	L-amino-acid oxidase	IL4I1		F6ZN69	-0,169408227	0,893839244
G3V2V6	V-type proton ATPase subunit D	ATP6V1D		A0A1D5RH74	-0,168908365	0,208581685
Q16854	Deoxyguanosine kinase, mitochondrial (dGK)	DGUOK DGK		F7DR32	-0,16860184	0,162848003
C9JKI7	Mitotic spindle assembly checkpoint protein MAD1	MAD1L1		F7HGW4	-0,168577629	0,789757097
Q9UPY8	Microtubule-associated protein RP/EB family member 3	MAPRE3		F7B5Z1	-0,167697059	0,024741373
P41252	Isoleucine--tRNA ligase, cytoplasmic	IARS		F6PZ57	-0,167625001	0,037605811
Q5T7Y5	Protein S100-A1	S100A1		A0A1D5R8D2	-0,167268233	0,847297135
H7BZF8	HAUS augmin-like complex subunit 7	HAUS7		F7ET06	-0,167252159	0,535400788
H7C3X2	Protein YIPF4	YIPF4		F7GMV2	-0,166107247	0,755996396

A0A087WYA0	Fatty-acid amide hydrolase 1	FAAH		F7HMW4	-0,166103982	0,282714511
Q5R3I4	Tettratricopeptide repeat protein 38 (TPR repeat protein 38)	TTC38		F7GB02	-0,165414083	0,24435417
Q16204	Coiled-coil domain-containing protein 6	CCDC6		A0A1D5RKH8	-0,165030515	0,215563733
Q8N5F7	NF-kappa-B-activating protein	NKAP		F7EB44	-0,164872389	0,734916556
Q8N3F8	MICAL-like protein 1	MICAL1		A0A1D5RBN8	-0,164688348	0,669962714
H3BTR7	F-box only protein 22	FBXO22		F7HRI0	-0,164421017	0,508437379
C9JMA6	Cystathionine beta-synthase	CBS		F7H3T2	-0,16437527	0,334879795
P14136	Glial fibrillary acidic protein (GFAP)	GFAP		F6ZNF3	-0,164179063	0,388497842
M0R0U2	Mediator of RNA polymerase II transcription subunit 29	MED29		A0A1D5RKN0	-0,162803809	0,354758239
C9JNW8	Ubiquitin-like-conjugating enzyme ATG3	ATG3		F7D7B0	-0,162624042	0,256939509
H0YA60	Nephronectin	NPNT		A0A1D5Q1N7	-0,162514473	0,72540442
Q6P2I3	Fumarylacetoacetate hydrolase domain-containing protein 2B	FAHD2B		A0A1D5QW35	-0,162000427	0,639301922
F6UXX1	Heterogeneous nuclear ribonucleoprotein Q	SYNCRIP		H9EM88	-0,161581188	0,206703215
S4R3W9	39S ribosomal protein L19, mitochondrial	MRPL19		G7NAG1	-0,16097066	0,253481364
F5H6I2	28S ribosomal protein S35, mitochondrial	MRPS35		F7DXV5	-0,160367335	0,624979459
X6R2L4	RuvB-like helicase	RUVBL2		F6ZUY6	-0,159961439	0,21214371
K7EP07	Tubulin-folding cofactor B	TBCB		H9EMA0	-0,159255128	0,609288319
Q9BSH5	Haloacid dehalogenase-like hydrolase domain-containing protein 3	HDHD3		F7GY57	-0,158360743	0,595435875
V9GYY6	Malonyl-CoA-acyl carrier protein transacylase, mitochondrial	MCAT		F6SUC4	-0,157940655	0,428859547
H0YEM3	KDEL motif-containing protein 2	KDELC2		F6R301	-0,157777367	0,319620799
Q9UNH7	Sorting nexin-6 (TRAF4-associated factor 2) [Cleaved into: Sorting nexin-6, N-terminally processed]	SNX6		F7FEN7	-0,157637583	0,27352045
D6RC15	Sorting nexin-2	SNX2		F7HDJ0	-0,157212414	0,428104554
P35606	Coatamer subunit beta' (Beta'-coat protein)	COPB2		H9EP74	-0,157122866	0,024095251
Q32Q14	Submitted name: NDUFA7 protein	NDUFA7		A0A1D5RL49	-0,1566775	0,397863151
H3BQQ9	SUMO-conjugating enzyme UBC9	UBE2I		F6PWX4	-0,156666866	0,670395113
C9JUE6	GATOR complex protein MIOS	MIOS		A0A1D5QIT7	-0,156213697	0,525010897
A0A087WT76	Polypeptide N-acetylgalactosaminyltransferase 12	GALNT12		F7BMV2	-0,155946367	0,571751581
Q13257	Mitotic spindle assembly checkpoint protein MAD2A	MAD2L1		A0A1D5QFJ2	-0,155026284	0,174652081



H0YCD5	39S ribosomal protein L11, mitochondrial	MRPL11		F7DTM2	-0,154746782	0,69548933
Q12864	Cadherin-17	CDH17		F7GJC2	-0,154640579	0,574013759
Q5VVC8	60S ribosomal protein L11	RPL11		F6PJ30	-0,154357768	0,508462636
J3KMW2	Vesicle transport through interaction with t-SNAREs homolog 1B	VTI1B		F7C233	-0,154302612	0,624742232
C9JMN3	DNA-directed RNA polymerase II subunit RPB2	POLR2B		A0A1D5QGA5	-0,154068183	0,398888878
Q5T8A0	28S ribosomal protein S2, mitochondrial	MRPS2		F6YLF6	-0,153576815	0,225472965
E9PQK8	Activity-dependent neuroprotector homeobox protein	ADNP		F7H2B6	-0,153568468	0,473019409
P32969	60S ribosomal protein L9	RPL9		F7G5W7	-0,153233172	0,727631447
Q8N5X7	Eukaryotic translation initiation factor 4E type 3	EIF4E3		H9ENS9	-0,15232667	0,844778391
G3V4Z4	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial	ALDH6A1		F7E2B9	-0,152109421	0,099661749
F8WCK0	N-alpha-acetyltransferase 50	NAA50		F7HM45	-0,15168489	0,290665851
H7C5J3	Ubiquitin carboxyl-terminal hydrolase 13	USP13		F7EMP5	-0,151101744	0,680831161
S4R328	Cation-independent mannose-6-phosphate receptor	IGF2R		F6RDI1	-0,150851953	0,453861122
F8VVB2	Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma	PIP4K2C		F6R9Q5	-0,150815025	0,731669956
Q6P3X3	Tetratricopeptide repeat protein 27	TTC27		F7HF56	-0,15051096	0,566093258
Q96199	Succinate--CoA ligase [GDP-forming] subunit beta, mitochondrial	SUCLG2		F6Y3Q6	-0,14984943	0,336033016
M0QXU7	Mitochondrial import inner membrane translocase subunit TIM44	TIMM44		F7HS29	-0,149698271	0,795997932
A8MTP4	Protein SCAF11	SCAF11		F7HT89	-0,149144391	0,133779757
J3KTG2	Pre-mRNA-splicing factor ATP-dependent RNA helicase PRP16	DHX38		F6Z0F9	-0,148631547	0,279532857
K7EQW0	Protein-S-isoprenylcysteine O-methyltransferase	ICMT		F7H607	-0,14856834	0,508131379
Q9BXW7	Haloacid dehalogenase-like hydrolase domain-containing 5	HDHD5		F6S2T2	-0,148247651	0,636847516
O60518	Ran-binding protein 6	RANBP6		A0A1D5QDQ7	-0,147742526	0,626367676
P31946	14-3-3 protein beta/alpha	YWHAB		F6XFG9	-0,147320942	0,175664802
P49789	Bis(5'-adenosyl)-triphosphatase	FHIT		F6TCB7	-0,147198715	0,754860814
P49419	Alpha-aminoadipic semialdehyde dehydrogenase	ALDH7A1		F6VT89	-0,146960772	0,407200661
P60953	Cell division control protein 42 homolog	CDC42		F7FVX9	-0,146852775	0,726618992
P17050	Alpha-N-acetylgalactosaminidase	NAGA		F6T3R7	-0,146359383	0,67324697
Q5T8F0	Cathepsin L1	CTSL		F6WB73	-0,146028735	0,442169872
A0A0G2JQK5	Nucleoredoxin	NXN		F6VRC1	-0,145158757	0,12452276

Q9BW61	DET1- and DDB1-associated protein 1	DDA1		H9ENZ7	-0,145044712	0,448473679
P18669	Phosphoglycerate mutase 1	PGAM1		F7GGM3	-0,144498146	0,384994174
C9JU10	Threonine synthase-like 2	THNSL2		A0A1D5QV47	-0,144355628	0,456405458
X6RK96	TRMT1-like protein	TRMT1L		F6RCB6	-0,143932113	0,167557728
C9JIJ6	Glutaminase kidney isoform, mitochondrial	GLS		A0A1D5RET7	-0,143523361	0,421927896
U3KPZ2	Raflin	RFTN1		F7GSN5	-0,143490344	0,681509018
P17174	Aspartate aminotransferase, cytoplasmic	GOT1		H9EVG6	-0,143251935	0,1257926
P17535	Transcription factor jun-D	JUND		A0A1D5R6J9	-0,142740952	0,303728495
Q8WVC0	RNA polymerase-associated protein LEO1	LEO1 RDL		F7C5L8	-0,142002877	0,585331998
Q2M329	Coiled-coil domain-containing protein 96	CCDC96		F6U231	-0,140968551	0,726457269
H7C5F2	28S ribosomal protein S22, mitochondrial	MRPS22		A0A1D5QV35	-0,140315552	0,252751934
Q5T7U4	General transcription factor 3C polypeptide 5	GTF3C5		F7CXE8	-0,140043066	0,634678043
M0QX52	Microtubule-associated protein RP/EB family member 2	MAPRE2		A0A1D5QJG0	-0,139853028	0,793311572
F8W1M3	Diacylglycerol kinase alpha	DGKA		F6ZHF9	-0,139810004	0,315825139
Q9BVS5	tRNA (adenine(58)-N(1))-methyltransferase, mitochondrial	TRMT61B		F7D1K5	-0,138637371	0,68782344
P49005	DNA polymerase delta subunit 2	POLD2		F6PLY1	-0,138456953	0,44465145
D6R9M4	Tyrosine-protein phosphatase (EC 3.1.3.48)	PTPN13		F6S1D8	-0,137915902	0,699071638
Q9H1E3	Nuclear ubiquitous casein and cyclin-dependent kinase substrate 1 (P1)	NUCKS1		F6W502	-0,13733518	0,481330082
A0A087WZT2	Methyltransferase-like protein 7B	METTL7B		F6X6T3	-0,136820514	0,741026668
K7EIH8	DnaJ homolog subfamily C member 7	DNAJC7		F7FQQ0	-0,136783261	0,421665146
H3BNI9	Casein kinase II subunit alpha'	CSNK2A2		H9ENR6	-0,136394888	0,417681827
A0A0G2JIW1	Submitted name: Heat shock 70 kDa protein 1B	HSPA1B	Ident.: 76.8%	F7D4F0	-0,136092423	0,550970767
R4GMX3	Submitted name: COMMD3-BMI1 readthrough	COMMD3 -BMI1		F6TEP3	-0,135952563	0,72335445
Q9BZZ5	Apoptosis inhibitor 5	API5	76.3	A0A1D5QN31	-0,135846968	0,388785953
Q99570	Phosphoinositide 3-kinase regulatory subunit 4	PIK3R4		H9FTP6	-0,135549397	0,275327016
Q15126	Phosphomevalonate kinase (PMKase)	PMVK		A0A1D5QFW4	-0,135210781	0,530676376
P04066	Tissue alpha-L-fucosidase	FUCA1		F6Z3H3	-0,134809863	0,426023895
Q9P032	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 4	NDUFAF4	Ident.: 69.0%	A0A1D5Q1R3	-0,134360073	0,512624495

Q8TCJ2	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit STT3B	STT3B		F6UAJ8	-0,134188052	0,643736215
E5RGK6	Receptor-interacting serine/threonine-protein kinase 2	RIPK2		F6Q6C2	-0,133626478	0,742663083
B0QYA6	Eukaryotic translation initiation factor 3 subunit D	EIF3D		A0A1D5Q459	-0,133446953	0,686563579
Q9Y4X5	E3 ubiquitin-protein ligase ARIH1	ARIH1		F7GQ51	-0,133334611	0,77648677
Q5T7Y4	Protein S100-A1 (S100 calcium binding protein A1 isoform 2)	S100A1		F7HGE0	-0,132955316	0,491797333
J3KS45	Calcium load-activated calcium channel	TMCO1		F7G4J4	-0,13282904	0,860821775
P49720	Proteasome subunit beta type-3	PSMB3		F7EIY0	-0,13191965	0,410405806
J3KSA3	WAS/WASL-interacting protein family member 2	WIPF2		G7NI88	-0,129176165	0,881485723
D6RDJ1	Cell growth-regulating nucleolar protein	LYAR		F7DZD6	-0,128518035	0,184982013
P13535	Myosin-8	MYH8		F6ZIC3	-0,12844106	0,883292399
Q9NVS2	39S ribosomal protein S18a, mitochondrial	MRPS18A		H9FWJ2	-0,128416337	0,451093741
X6RJ95	Prostaglandin E synthase 2	PTGES2		F7HPE9	-0,128356486	0,516005771
C9JZ81	X-ray repair cross-complementing protein 5	XRCC5		F6TSQ5	-0,12782641	0,710604106
M0QXI5	Dipeptidyl peptidase 9	DPP9		H9G1M0	-0,127667627	0,64073409
Q9NS18	Glutaredoxin-2, mitochondrial	GLRX2		F7FML4	-0,126874347	0,842250954
Q9H2C0	Gigaxonin (Kelch-like protein 16)	GAN		F6V530	-0,126620311	0,608222398
O43707	Alpha-actinin-4 (Non-muscle alpha-actinin 4)	ACTN4		A0A1D5R787	-0,125449813	0,558579795
Q5TIA1	Meiosis inhibitor protein 1 (Meiosis defective protein 1)	MEI1		A0A1D5R335	-0,125343451	0,692219479
P35232	Prohibitin	PHB		A0A1D5RFM0	-0,12500389	0,644052682
Q8WUQ7	Cactin	CACTIN		F6YGG7	-0,124978293	0,311329372
G3V4B8	WD repeat-containing protein 89	WDR89		F7HKI4	-0,12490254	0,513260953
H3BQV2	26S proteasome non-ATPase regulatory subunit 7	PSMD7		F6TS39	-0,124353349	0,042076006
H7C1U3	Coiled-coil and C2 domain-containing protein 1B	CC2D1B		F7CZL5	-0,12419441	0,468740015
H7C4A8	DNA-(apurinic or apyrimidinic site) lyase (EC 4.2.99.18)	APEX1		F7GIK6	-0,124047303	0,01340644
P08670	Vimentin	VIM		G7N1N6	-0,12368854	0,397730119
K7EKI8	Periplakin	PPL		F6RZ23	-0,123667464	0,026895921
A2ABF9	Histone-lysine N-methyltransferase EHMT2	EHMT2		F7HEP1	-0,123480538	0,794801854
O95295	SNARE-associated protein Snapin	SNAPIN		F7HGD6	-0,123153859	0,826840881
Q9H9J2	39S ribosomal protein L44, mitochondrial	MRPL44		F7HSW7	-0,123049434	0,141622615
Q8IUC4	Rhophilin-2 (76 kDa RhoB effector protein)	RHPN2		F6XDY7	-0,122697797	0,701205978
Q5T3Q7	HEAT repeat-containing protein 1	HEATR1		F6UEV5	-0,121515378	0,771666816

I3L3Z7	MKL/myocardin-like protein 2	MKL2		F7H4J5	-0,120996348	0,650398887
A2AAT0	Zinc transporter SLC39A7	SLC39A7		F7HA72	-0,120864533	0,624361996
Q9BZ95	Histone-lysine N-methyltransferase NSD3	NSD3		I0FUW4	-0,120169272	0,648118221
P27707	Deoxycytidine kinase (dCK)	DCK		F6WR63	-0,119384473	0,680241184
P11142	Heat shock cognate 71 kDa protein	HSPA8	Ident.: 80.7%	A0A1D5RFM4	-0,119355413	1
A0A1B0GW4 2	Heterogeneous nuclear ribonucleoprotein F	HNRNPF		F6UEF5	-0,118677655	0,620671421
Q96GX9	Methylthioribulose-1-phosphate dehydratase	APIP		F7HS49	-0,118385335	0,441926302
F8WF67	Zinc finger CCH domain-containing protein 15	ZC3H15		F7H9Q2	-0,118005881	0,436362395
V9GYK7	Mitochondrial import inner membrane translocase subunit Tim17-B	TIMM17B		F6S5R4	-0,117974884	0,484693393
H7C4H2	Signal recognition particle receptor subunit beta	SRPRB		F7DHR2	-0,11764074	0,332804498
C9J2Q2	ATP synthase mitochondrial F1 complex assembly factor 2	ATPAF2		A0A1D5Q731	-0,117583734	0,763403334
P11498	Pyruvate carboxylase, mitochondrial	PC		F6SC45	-0,117192385	0,182648035
P00505	Aspartate aminotransferase, mitochondrial	GOT2		F6UDV1	-0,116925041	0,938207802
Q14151	Scaffold attachment factor B2 (SAF-B2)	SAFB2		F7DTN9	-0,116638939	0,571936295
Q86UA3	Submitted name: Chromosome 12 open reading frame 10	C12orf10		F7HT82	-0,116361904	0,500919748
H0YCF8	Eukaryotic translation initiation factor 4 gamma 2	EIF4G2		F7BA16	-0,116272177	0,673883495
Q9GZT9	Egl nine homolog 1	EGLN1		F7BR59	-0,115347444	0,651725274
Q9BQ13	BTB/POZ domain-containing protein KCTD14	KCTD14		A0A1D5RF14	-0,115061131	0,62964899
Q9BTE3	Mini-chromosome maintenance complex-binding protein (MCM-BP)	MCMBP		F6Y7L1	-0,114644583	0,403180476
E7EV59	V-type proton ATPase subunit C	ATP6V1C 1		F6QMH5	-0,114518816	0,54131318
Q15691	Microtubule-associated protein RP/EB family member 1	MAPRE1		A0A1D5R9A4	-0,114447129	0,326633334
D6RF50	Submitted name: Probable ATP-dependent RNA helicase YTHDC2	YTHDC2		A0A1D5QLW0	-0,113024939	0,79973164
E9PEF9	Aldose reductase	AKR1B1		G7MME8	-0,112786024	0,773902126
A0A087WZV 9	D-aminoacyl-tRNA deacylase (EC 3.1.1.-) (EC 3.1.1.96)	DTD1		F6SFP9	-0,112045666	0,757161044
F8VZQ9	SAP domain-containing ribonucleoprotein	SARNP		H9EQN2	-0,111897336	0,632333322

Q9H299	SH3 domain-binding glutamic acid-rich-like protein 3	SH3BGRL3		F6XR95	-0,111793708	0,676534241
B5MC86	EH domain-binding protein 1	EHBP1		F6VU81	-0,111769932	0,811606163
Q7L5N1	COP9 signalosome complex subunit 6 (SGN6)	COPS6		F6YPF9	-0,111614211	0,174274614
O00170	AH receptor-interacting protein (AIP) (Aryl-hydrocarbon receptor-interacting protein) (HBV X-associated protein 2) (XAP-2) (Immunophilin homolog ARA9)	AIP XAP2		F7H7B6	-0,111325075	0,469465336
O75381	Peroxisomal membrane protein PEX14 (PTS1 receptor-docking protein) (Peroxin-14) (Peroxisomal membrane anchor protein PEX14)	PEX14		F7FS99	-0,11127144	0,313234488
Q96MW1	Coiled-coil domain-containing protein 43	CCDC43		F6TL42	-0,110947145	0,630793373
Q8N3R9	MAGUK p55 subfamily member 5	MPP5		H9ELW0	-0,110578257	0,256606214
P00441	Superoxide dismutase	SOD1		Q8HXQ0	-0,110434488	0,867044694
Q9Y266	Nuclear migration protein nudC (Nuclear distribution protein C homolog)	NUDC		A0A1D5QCU5	-0,109283667	0,663028406
P08754	Guanine nucleotide-binding protein G(k) subunit alpha (G(i) alpha-3)	GNAI3		F6VL43	-0,109105589	0,40809361
D6RCF8	Cell division cycle protein 23 homolog	CDC23		A0A1D5Q362	-0,108760453	0,801319072
Q9Y2G5	GDP-fucose protein O-fucosyltransferase 2	POFUT2		F7G8X6	-0,108458519	0,379242556
P46821	Microtubule-associated protein 1B	MAP1B		F7F0Z0	-0,108009283	0,082644792
K7EIT2	Mitochondrial import inner membrane translocase subunit Tim13 (Translocase of inner mitochondrial membrane 13 homolog (Yeast), isoform CRA b)	TIMM13 hCG_2039527		F6R7Z6	-0,107967941	0,491756305
H0YD52	Clathrin interactor 1	CLINT1		F7B3Z0	-0,107712679	0,364580816
E9PFW8	Sequestosome-1	SQSTM1		F7GSB8	-0,107358532	0,551372181
C9J9C7	Poly [ADP-ribose] polymerase 3	PARP3		F6ZFB9	-0,107103936	0,574084099
Q02446	Transcription factor Sp4 (SPR-1)	SP4		F7F0R7	-0,10653389	0,411861711
H3BPW3	Ubiquinone biosynthesis protein COQ9, mitochondrial	COQ9		A0A1D5QB30	-0,106023656	0,766681768
E9PKV2	39S ribosomal protein L17, mitochondrial	MRPL17		G7NE03	-0,106018201	0,446252048
P41240	Tyrosine-protein kinase CSK	CSK		F7GRP2	-0,105990786	0,630554745
O95163	Elongator complex protein 1 (ELP1)	ELP1		F6TAF3	-0,105378761	0,395629067
Q53T59	HCLS1-binding protein 3	HS1BP3		F6TIE7	-0,105336103	0,522460791
P63220	40S ribosomal protein S21	RPS21		F7AM94	-0,104925344	0,603247929

A0A0A0MRX2	DDR GK domain-containing protein 1	DDR GK1		A0A1D5QAC7	-0,104503669	0,500997209
P50148	Guanine nucleotide-binding protein G(q) subunit alpha	GNAQ		A0A1D5Q3K4	-0,104374633	0,6306366
H0YIW3	HEAT repeat-containing protein 5A	HEATR5A		F7D6Y3	-0,104321022	0,841293628
A0A1W2PPE1	Glycine dehydrogenase (decarboxylating), mitochondrial	GLDC		F6PUG5	-0,103742233	0,589049022
P62316	Small nuclear ribonucleoprotein Sm D2	SNRPD2		F6WSZ1	-0,103353315	0,234568674
P30041	Peroxiredoxin-6	PRDX6		F7F6H0	-0,103017662	0,138494491
P04181	Ornithine aminotransferase, mitochondrial	OAT		F7BGE6	-0,102952289	0,699404933
A2AB88	Prefoldin subunit 6	PFDN6		F7H802	-0,102877803	0,596903776
Q99986	Serine/threonine-protein kinase VRK1	VRK1		F7F549	-0,101967859	0,297399707
Q9BUA3	SPIN1-docking protein	C11orf84		F7F343	-0,101579603	0,775501679
P61006	Ras-related protein Rab-8A	RAB8A		F7AVY7	-0,101546586	0,77325412
Q7Z4Q2	HEAT repeat-containing protein 3	HEATR3		F7G6J0	-0,101014118	0,605426708
J3QL05	Serine/arginine-rich-splicing factor 2	SRSF2		F7DBT5	-0,099443908	0,847537589
Q8WUZ0	B-cell CLL/lymphoma 7 protein family member C	BCL7C		F7DNX6	-0,099386395	0,769267297
H0YJS4	Eukaryotic translation initiation factor 2 subunit 1	EIF2S1		F7EFD7	-0,098786126	0,63969342
O95563	Mitochondrial pyruvate carrier 2 (Brain protein 44)	MPC2		F7D9J7	-0,098739336	0,685268499
P53602	Diphosphomevalonate decarboxylase	MVD		F6Q304	-0,098570166	0,359277737
F2Z2L5	VIP36-like protein	LMAN2L		F7D7Z6	-0,098381523	0,757113294
P48735	Isocitrate dehydrogenase [NADP], mitochondrial	IDH2		F6VPY2	-0,09816767	0,301061975
O43819	Protein SCO2 homolog, mitochondrial	SCO2		F7GLL9	-0,097934664	0,565961302
Q96I24	Far upstream element-binding protein 3 (FUSE-binding protein 3)	FUBP3		H9ETL7	-0,097608092	0,762776102
Q96QR8	Transcriptional activator protein Pur-beta (Purine-rich element-binding protein B)	PURB		I2CY42	-0,097387918	0,382298753
G3V407	Galectin-3	LGALS3		F7ETJ8	-0,097275994	0,616582189
Q04941	Proteolipid protein 2	PLP2 A4		F6VM49	-0,097224547	0,456456418
Q9NRF8	CTP synthase 2	CTPS2		F7CL99	-0,096457563	0,621859901
Q8TBM8	DnaJ homolog subfamily B member 14	DNAJB14		H9FTU6	-0,096409665	0,47018272
F2Z3E8	Bifunctional purine biosynthesis protein PURH	ATIC		F7DFY8	-0,095775004	0,467744578
A0A0G2JL06	Spermatogenesis-associated serine-rich protein 2	SPATS2		A0A1D5Q1W0	-0,095539205	0,84810324
O15226	NF-kappa-B-repressing factor (NFkB-repressing factor) (ITBA4) (Transcription factor NRF)	NKRF		F7GU34	-0,095175415	0,658782516



P36873	Serine/threonine-protein phosphatase PP1-gamma catalytic subunit	PPP1CC		F7GFT6	-0,094731698	0,600878518
Q9NVI7	ATPase family AAA domain-containing protein 3A	ATAD3A		F7G5J0	-0,094617485	0,192827458
A0A0A0MRG8	Bcl-2 homologous antagonist/killer	BAK1		A0A1D5QW64	-0,094500132	0,717555911
P13498	Cytochrome b-245 light chain	CYBA		F7D4K1	-0,094237408	0,758638456
Q8WZA0	Protein LZIC (Leucine zipper and CTNNBIP1 domain-containing protein) (Leucine zipper and ICAT homologous domain-containing protein)	LZIC		F7FGE8	-0,094096161	0,486565266
Q8WZA0	Protein LZIC (Leucine zipper and CTNNBIP1 domain-containing protein)	LZIC		G7MGT6	-0,094044377	0,474812165
Q6UX07	Dehydrogenase/reductase SDR family member 13	DHRS13		F7F6Q3	-0,09319926	0,699700833
O94776	Metastasis-associated protein MTA2	MTA2		F7EC89	-0,092972122	0,616629672
O15439	Multidrug resistance-associated protein 4	ABCC4		F7ENH5	-0,092826888	0,559034805
J3KSR8	Serine/arginine-rich-splicing factor 1	SRSF1		F6R520	-0,092792946	0,572627027
P31153	S-adenosylmethionine synthase isoform type-2	MAT2A		H9FUH5	-0,092552717	0,741594085
O43837	Isocitrate dehydrogenase [NAD] subunit beta, mitochondrial (Isocitric dehydrogenase subunit beta) (NAD(+)-specific ICDH subunit beta)	IDH3B		F6URF2	-0,092233932	0,524988704
Q9BUL8	Programmed cell death protein 10	PDCD10		F6V3C0	-0,091680359	0,469823103
Q15650	Activating signal cointegrator 1 (ASC-1)	TRIP4		F6YS99	-0,091044175	0,794175099
P43487	Ran-specific GTPase-activating protein	RANBP1		F7GMJ1	-0,09096257	0,819572245
Q9H492	Microtubule-associated proteins 1A/1B light chain 3A	MAP1LC3A		A0A1D5QDJ4	-0,090269728	0,70656453
Q53H82	Endoribonuclease LACTB2	LACTB2 CGI-83		G7MZI6	-0,090243703	0,301096931
Q96FQ6	Protein S100-A16	S100A16		H9Z3V3	-0,090215088	0,557591633
Q9NP95	Fibroblast growth factor 20 (FGF-20)	FGF20		F6SXE2	-0,089388783	0,762369102
C9JQN7	Eukaryotic translation initiation factor 3 subunit B	EIF3B		F6RP77	-0,08925559	0,709305829
F6UKU9	Tuftelin-interacting protein 11	TFIP11		A1XD94	-0,088309767	0,588159153
F8WBC5	Zinc finger protein ZPR1	ZPR1		F6WX57	-0,088125457	0,446715457
Q9HD33	39S ribosomal protein L47, mitochondrial	MRPL47		F6ZQ94	-0,087917925	0,644188251
E5RHZ1	Brefeldin A-inhibited guanine nucleotide-exchange protein 1	ARFGEF1		A0A1D5QMH9	-0,087540251	0,720385551
Q8TAD8	Smad nuclear-interacting protein 1 (FHA domain-containing protein SNIP1)	SNIP1		F6VCH4	-0,086922824	0,799361227

S4R3Z0	WD repeat-containing protein 11	WDR11		F7ELQ5	-0,086578311	0,64329585
J3KMY1	Glutamyl-tRNA(Gln) amidotransferase subunit C, mitochondrial	GATC		G7N5Y7	-0,086209859	0,260495558
Q9NSE4	Isoleucine--tRNA ligase, mitochondrial	IARS2		F7CVI4	-0,085736554	0,630235641
Q9NQT5	Exosome complex component RRP40	EXOSC3		F7F3T0	-0,085359266	0,37929393
P51689	Arylsulfatase D	ARSD		H9H4P4	-0,085060827	0,792353585
Q5TBQ0	Protein LSM14 homolog B	LSM14B		F7CDK2	-0,084982834	0,619005588
Q8N5C6	S1 RNA-binding domain-containing protein 1	SRBD1		F7E7F1	-0,083740814	0,488811118
Q9Y6N1	Cytochrome c oxidase assembly protein COX11, mitochondrial	COX11		G7NHP1	-0,083346697	0,614305865
P09661	U2 small nuclear ribonucleoprotein A' (U2 snRNP A')	SNRPA1		F7H780	-0,083271124	0,148675598
A0A087WW W9	B-cell lymphoma/leukemia 10	BCL10		F6TY58	-0,083254603	0,348955135
A0A1B0GW3 5	Exocyst complex component 1-like	EXOC1L		F7F541	-0,083241987	0,939944953
P49006	MARCKS-related protein	MARCKS L1		F7EW39	-0,083090001	0,687984006
H0YJZ3	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit gamma isoform	PPP2R5C		A0A1D5R9G1	-0,083063515	0,837575728
Q9NXG2	THUMP domain-containing protein 1	THUMPD 1		F6Z305	-0,082769362	0,731018133
B1AHA9	DNA replication licensing factor MCM5	MCM5		F6QKN8	-0,08264176	0,868669288
A6NDP7	Myeloid-associated differentiation marker-like protein 2	MYADML 2		G7NN51	-0,082417603	0,816645221
Q4VXV2	Monofunctional C1-tetrahydrofolate synthase, mitochondrial	MTHFD1L		A0A1D5QF24	-0,082018365	0,804306064
Q16740	ATP-dependent Clp protease proteolytic subunit, mitochondrial	CLPP		F6YQ20	-0,080944712	0,565651371
O14745	Na(+)/H(+) exchange regulatory cofactor NHE-RF1 (NHERF-1) (Ezrin-radixin-moesin-binding phosphoprotein 50) (EBP50) (Regulatory cofactor of Na(+)/H(+) exchanger) (Sodium-hydrogen exchanger regulatory factor 1) (Solute carrier family 9 isoform A3 regulatory factor 1)	SLC9A3R 1		F6TPX1	-0,080864204	0,292987621
Q14331	Protein FRG1 (FSHD region gene 1 protein)	FRG1		F7E851	-0,08049927	0,788424095

H0YLL5	Isocitrate dehydrogenase [NADP], mitochondrial	IDH2		F7FPP8	-0,079120051	0,698718815
Q9C005	Protein dpy-30 homolog	DPY30		F7GJI8	-0,079059797	0,743233648
H7BZC1	Hippocalcin-like protein 1	HPCAL1		F6ZAW8	-0,078547118	0,520965708
P00918	Carbonic anhydrase 2	CA2		F6TQ14	-0,077868418	0,355911342
H3BUD0	E3 ubiquitin-protein ligase CHIP	STUB1		H9FNL3	-0,077532686	0,819941882
C9JUL4	DnaJ homolog subfamily B member 4	DNAJB4		H9EQ05	-0,077252753	0,79134759
E9PP63	Coatomer subunit beta	COPB1		G7NDV5	-0,077080887	0,292465988
C9K068	Protein NipSnap homolog 2	NIPSNAP 2		A0A1D5QLC1	-0,076473386	0,640969402
Q7Z4W1	L-xylulose reductase	DCXR		F7FSI7	-0,076095402	0,716794563
A8MTM1	Carbonyl reductase [NADPH] 1	CBR1		F7D1C5	-0,075911202	0,645266324
J3QSB2	GTPase Era, mitochondrial	ERAL1		F7H299	-0,075453568	0,283550346
K7EPE7	Submitted name: Vacuole membrane protein 1	VMP1		A0A1D5RI74	-0,075179884	0,731116403
Q9H875	PRKR-interacting protein 1	PRKRIP1		A0A1D5Q913	-0,074841123	0,632075952
O43865	S-adenosylhomocysteine hydrolase-like protein 1 (DC-expressed AHCY-like molecule) (IP(3)Rs binding protein released with IP(3)) (IRBIT) (Putative adenosylhomocysteinase 2) (S-adenosyl-L-homocysteine hydrolase 2) (AdoHcyase 2)	AHCYL1		H9Z4K5	-0,074435711	0,611704417
M0QZR8	DNA polymerase (EC 2.7.7.7)	POLD1		A0A1D5R2G0	-0,074345093	0,788643579
K7EP42	Mucosa-associated lymphoid tissue lymphoma translocation protein 1	MALT1		F7D7A4	-0,07396131	0,714156615
C9J2Z4	EH domain-containing protein 1	EHD1		F6XYM2	-0,073444708	0,045273696
K7EPR0	Transmembrane protein 205	TMEM205		F6UG50	-0,07276871	0,395701137
Q9NQ50	39S ribosomal protein L40, mitochondrial	MRPL40	Ident.: 82.2%	A0A1D5Q7G4	-0,072171263	0,96169729
I3L3N5	Platelet-activating factor acetylhydrolase IB subunit alpha	PAFAH1B 1		F7AE78	-0,071880343	0,696655829
Q99613	Eukaryotic translation initiation factor 3 subunit C (eIF3c)	EIF3C		G7NQG9	-0,071223022	0,658623137
Q86SF2	N-acetylgalactosaminyltransferase 7	GALNT7		F6ZUC7	-0,070952419	0,881824296
Q8TAR2	Submitted name: EXOC4 protein	EXOC4		A0A1D5QKH6	-0,070469004	0,558546835
D6RAY8	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily A-containing DEAD/H box 1	SMARCA D1		F6Z1H5	-0,068828614	0,846969734

Q04446	1,4-alpha-glucan-branching enzyme	GBE1		A0A1D5R8L3	-0,068466337	0,649743525
P20042	Eukaryotic translation initiation factor 2 subunit 2	EIF2S2		I0FW48	-0,067770276	0,486123107
B8ZZF8	Submitted name: U6 snRNA-associated Sm-like protein Lsm5	LSM5		A0A1D5R134	-0,067444525	0,685622125
Q9Y5J1	U3 small nucleolar RNA-associated protein 18 homolog (WD repeat-containing protein 50)	UTP18		A0A1D5Q9C4	-0,067324607	0,838036841
Q6UW78	Ubiquinol-cytochrome-c reductase complex assembly factor 3	UQCC3		F6SE25	-0,067196718	0,796268586
H7C0X7	Methionine adenosyltransferase 2 subunit beta (Methionine adenosyltransferase II beta)	MAT2B		F6RZA1	-0,066872218	0,868143415
F8VSC4	Methionine aminopeptidase 2	METAP2		F6T632	-0,066768493	0,637582776
E7EN77	Condensin complex subunit 1	NCAPD2		F6ZY62	-0,066552929	0,497387609
H3BRL3	Ubiquitin domain-containing protein UBFD1	UBFD1		F7AF69	-0,066319965	0,762535843
H0YG86	Peptidyl-prolyl cis-trans isomerase FKBP4	FKBP4		H9ERN7	-0,065811328	0,36306047
P41250	Glycine--tRNA ligase	GARS		H9FSS9	-0,065199966	0,57658832
P54577	Tyrosine--tRNA ligase, cytoplasmic	YARS		G7MI96	-0,064875603	0,526455707
K7EMC6	Poliovirus receptor	PVR		F7E3H9	-0,064781008	0,936323757
A0A1B0GU83	Very-long-chain 3-oxoacyl-CoA reductase	HSD17B12		F7HCR3	-0,062844779	0,634631427
F5H4Q5	Vacuolar protein sorting-associated protein 37C	VPS37C		F6V5N7	-0,062254448	0,644690524
Q712K3	Ubiquitin-conjugating enzyme E2	UBE2R2		H9FW97	-0,061469304	0,758739913
A0A0U1RQI9	Ubiquitin carboxyl-terminal hydrolase 24	USP24		F6TPR6	-0,061466878	0,775897065
C9JN43	Prolyl 4-hydroxylase subunit alpha-2	P4HA2		F7G345	-0,061434856	0,551038263
E5RGJ2	ER membrane protein complex subunit 2	EMC2		A0A1D5QL47	-0,061255036	0,871681152
U3KQ35	Telomeric repeat-binding factor 2	TERF2		F6TW69	-0,061111744	0,764901018
A8MXU7	Bcl2-associated agonist of cell death	BAD		A0A1D5QBW1	-0,060724631	0,673778164
Q9BVQ7	Spermatogenesis-associated protein 5-like protein 1	SPATA5L1		F6SX50	-0,060579705	0,830540611
Q9BQ15	SOSS complex subunit B1 (Nucleic acid-binding protein 2)	NABP2		G7N7B9	-0,060541565	0,771693883
Q9NXH9	tRNA (guanine(26)-N(2))-dimethyltransferase	TRMT1		F6RHR7	-0,059104179	0,905466839
Q04760	Lactoylglutathione lyase	GLO1		F7GRZ9	-0,05852783	0,721618735
O75947	ATP synthase subunit d, mitochondrial	ATP5H		A0A1D5R1S4	-0,057514067	0,87129348
F8VXI1	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 12	NDUFA12		A0A1D5R6K9	-0,057402753	0,756640526
Q9NQH7	Probable Xaa-Pro aminopeptidase 3	XPNPEP3		I0FI11	-0,057316335	0,73750491
Q16762	Thiosulfate sulfurtransferase	TST		F7ENR1	-0,056351453	0,678904713

Q99459	Cell division cycle 5-like protein	CDC5L		F7BX98	-0,05589935	0,544993992
Q9NYL9	Tropomodulin-3 (Ubiquitous tropomodulin) (U-Tmod)	TMOD3		F7C5M5	-0,055897174	0,642234346
K7EJ03	Endoplasmic reticulum protein SC65	P3H4		F7H7U6	-0,055581688	0,869779162
Q9UBR2	Cathepsin Z	CTSZ		F6S8W9	-0,055291361	0,831418982
O14979	Heterogeneous nuclear ribonucleoprotein D-like (hnRNP D-like) (hnRNP DL) (AU-rich element RNA-binding factor) (JKT41-binding protein) (laAUF1)	HNRNPDL		F6QIA8	-0,054735261	0,6353098
F8WDN5	BRCA1-associated ATM activator 1	BRAT1		F6ZD05	-0,054452119	0,81904014
C9JB84	Intraflagellar transport protein 57 homolog	IFT57		F7F6A6	-0,054221408	0,730633274
I3L4G8	Charged multivesicular body protein 6	CHMP6		F7F4P7	-0,052415718	0,756430733
Q9HAS0	Protein Njmu-R1	C17orf75		F6YYZ8	-0,052314706	1
Q15814	Tubulin-specific chaperone C	TBCC		F7BNI0	-0,051870547	0,896161999
P56192	Methionine--tRNA ligase, cytoplasmic	MARS		F6WGN2	-0,051417658	0,735403495
Q9UBK8	Methionine synthase reductase	MTRR		A0A1D5QVV0	-0,051321374	0,869320502
Q96L58	Beta-1,3-galactosyltransferase 6	B3GALT6		F7CX70	-0,051043592	0,961338081
A0A0D9SGJ0	Ubiquitin-protein ligase E3A	UBE3A		F6RKN5	-0,051028461	0,900536828
E9PGX9	Lupus La protein	SSB		H9FYW7	-0,050746663	0,606817456
Q9UGM6	Tryptophan--tRNA ligase, mitochondrial	WARS2		G7MG05	-0,0506	0,788669866
Q13610	Periodic tryptophan protein 1 homolog	PWP1		H9FPB0	-0,050584543	0,85555817
P62140	Serine/threonine-protein phosphatase PP1-beta catalytic subunit	PPP1CB		H9FWD0	-0,050394584	0,873535603
Q9BV44	THUMP domain-containing protein 3	THUMPD3		H9FSL6	-0,050294824	0,866371463
Q8NHU6	Tudor domain-containing protein 7	TDRD7		H9EVV9	-0,050291499	0,771002388
Q9HA64	Ketosamine-3-kinase	FN3KRP		F7FYS5	-0,050023027	0,905177485
C9J1E1	Biliverdin reductase A	BLVRA		F7H4J1	-0,049740321	0,796723387
Q15170	Transcription elongation factor A protein-like 1	TCEAL1		A2D671	-0,049436084	0,845740667
P52758	2-iminobutanoate/2-iminopropanoate deaminase	RIDA		A0A1D5R7M5	-0,049262864	0,83101038
E9PL12	Elongation factor 1-delta	EEF1D		F7GRR9	-0,049202071	0,842055117
O76071	Probable cytosolic iron-sulfur protein assembly protein CIAO1	CIAO1		F6SGP0	-0,04905376	0,887412258
I6L8B7	Fatty acid-binding protein, epidermal	FABP5		A0A1D5Q399	-0,048829684	0,753708187
P42898	Methylenetetrahydrofolate reductase	MTHFR		F7CI98	-0,04859851	0,870807675
P61225	Ras-related protein Rap-2b	RAP2B		F7AWM6	-0,048343053	0,843984102

P30520	Adenylosuccinate synthetase isozyme 2	ADSS		F7HTL0	-0,047674347	0,794911527
I3L4X8	Integrin beta	ITGB3		F7FG54	-0,046902709	0,697930519
O95302	Peptidyl-prolyl cis-trans isomerase FKBP9	FKBP9		F7HEF9	-0,046422332	0,843729796
P55072	Transitional endoplasmic reticulum ATPase	VCP		H9EPW4	-0,046291159	0,77273299
O43852	Calumenin (Crocabin) (IEF SSP 9302)	CALU		F6ZZ73	-0,045409742	0,817820777
H0YGS1	Putative sodium-coupled neutral amino acid transporter 10	SLC38A10		F6VLD1	-0,045325057	0,770806494
Q9UMX5	Neudesin	NENF		F6UN10	-0,045111862	0,271917305
P62280	40S ribosomal protein S11	RPS11		F6T7U9	-0,044394101	0,910602477
Q12792	Twinfilin-1 ( A6) ( tyrosine kinase 90	TWF1		F6PNP1	-0,044331751	0,798454268
Q8I281	ELMO domain-containing protein 2	ELMOD2		F6VUN8	-0,043823205	0,883821233
C9IYL4	General transcription factor IIE subunit 1	GTF2E1		F7GV34	-0,043595268	0,858463885
P78310	Coxsackievirus and adenovirus receptor	CXADR		F7FY16	-0,04358351	0,871226946
H7C3X0	Protein O-GlcNAcase	MGEA5		A0A1D5Q244	-0,043479637	0,861686248
M0R008	A-kinase anchor protein 8-like	AKAP8L		F7DSP9	-0,043307454	0,845738521
B8ZZA2	Hyccin	FAM126A		F7A477	-0,04313289	0,817498672
C9JRG1	SH3 domain-binding protein 4	SH3BP4		F6T6Y1	-0,042684635	0,889325539
H3BRK1	Poly(A)-specific ribonuclease PARN	PARN		H9Z3A3	-0,042018824	0,887697073
Q14692	Ribosome biogenesis protein BMS1 homolog	BMS1		F7FYT2	-0,041818729	0,934855379
H0YJB9	RNA transcription, translation and transport factor protein	RTRAF		F7E9I3	-0,041449871	0,901332578
F8WEG8	Interferon-inducible double-stranded RNA-dependent protein kinase activator A	PRKRA		F7FQV9	-0,041265828	0,897519222
P26447	Protein S100-A4	S100A4		F7GDB8	-0,040528618	0,834189896
Q8N5M9	Protein jagunal homolog 1	JAGN1		G7MKR7	-0,04049309	0,909329855
A0A0U1RRB6	Exocyst complex component	EXOC6B		F7GZR4	-0,040273399	0,646271265
P49454	Centromere protein F	CENPF		F6RLX8	-0,040189877	0,890995009
Q8TCS8	Polyribonucleotide nucleotidyltransferase 1, mitochondrial	PNPT1		F7DK85	-0,038726433	0,323977158
P62906	60S ribosomal protein L10a	RPL10A		F7AMR7	-0,038652234	0,677896727
P34931	Heat shock 70 kDa protein 1-like	HSPA1L		F7CZ86	-0,038599048	0,869101463
C9IZ04	Serine/threonine-protein phosphatase 4 regulatory subunit 2	PPP4R2		F7B7B8	-0,038213653	0,836964387
H7BZE2	Thyroid receptor-interacting protein 6	TRIP6		F7HPJ8	-0,037105733	0,773770378



A0A0A0MR70	E1A-binding protein p400	EP400		F7F7Z2	-0,03668193	0,867654546
Q9Y696	Chloride intracellular channel protein 4 (Intracellular chloride ion channel protein p64H1)	CLIC4		F6PP70	-0,036436205	0,719873381
Q9GZL7	Ribosome biogenesis protein WDR12	WDR12	Ident.: 79.9%	A0A1D5R5Y3	-0,036194935	0,856148516
P07195	L-lactate dehydrogenase B chain	LDHB		F7HQ10	-0,036149009	0,836087438
K7ERS8	Alpha-enolase	ENO1		F7HMT2	-0,03563976	0,62484303
Q15459	Splicing factor 3A subunit 1	SF3A1		F7GEU6	-0,035363847	0,896277284
Q5T851	Poly(A) RNA polymerase, mitochondrial	MTPAP		F6VV65	-0,034976707	0,902848549
H0YCW6	Mannosyltransferase (EC 2.4.1.-)	ALG9		F6ZPS0	-0,034684718	0,902101585
E7EMA0	Sphingolipid delta(4)-desaturase DES1	DEGS1		F6PPX9	-0,034263576	0,889937005
O95817	BAG family molecular chaperone regulator 3	BAG3		F6R2V4	-0,033698543	0,847272835
H3BNU3	Elongation factor Tu, mitochondrial	TUFM		F7ELD6	-0,03314843	0,855794033
A0A0U1RR58	transport protein Sec24C	SEC24C		F7F6F3	-0,033022294	0,822564928
Q7Z2K6	Endoplasmic reticulum metalloproteinase 1	ERMP1		F7G2I9	-0,032846593	0,750103435
P31689	DnaJ homolog subfamily A member 1	DNAJA1		F7C2X2	-0,032429177	0,730956055
F2Z2C0	Exosome complex exonuclease RRP44	DIS3		F6RAL3	-0,032159409	0,920592459
P15531	Nucleoside diphosphate kinase A	NME1		G7MPT7	-0,03195452	0,911112572
H3BR63	Telomeric repeat-binding factor 2-interacting protein 1	TERF2IP		F6W1N3	-0,031603767	0,754539215
O60220	Mitochondrial import inner membrane translocase subunit Tim8 A	TIMM8A		F7BGN5	-0,031169015	0,896718399
A0A087X1G7	Submitted name: Selenoprotein F	SELENOF		A0A1D5R8W7	-0,03104068	0,83457593
P60903	Protein S100-A10	S100A10		P62504	-0,030853147	0,899131463
B2ZWH1	Calcyclin-binding protein	CACYBP		F7FP94	-0,03041758	0,748468126
K7EJC8	Golgi SNAP receptor complex member 1	GOSR1		F7HCV3	-0,03004157	0,906777694
Q8TEM1	Nuclear pore membrane glycoprotein 210	NUP210		F6XNY4	-0,030015868	0,952435023
P05186	Alkaline phosphatase, tissue-nonspecific isozyme	ALPL		A0A1D5R5B1	-0,02974122	0,931219311
O60921	Checkpoint protein HUS1	HUS1		A0A1D5RIF9	-0,028750471	0,951229218
Q9Y303	N-acetylglucosamine-6-phosphate deacetylase	AMDHD2		F6TFR5	-0,028664838	0,851761171
Q01469	Fatty acid-binding protein, epidermal	FABP5		F6SAR5	-0,028326048	0,846397048
F8WEW2	Actin-related protein 3	ACTR3		F6TM14	-0,028235035	0,876222311
H7C3P0	Baculoviral IAP repeat-containing protein 6	BIRC6		F7HH34	-0,028175895	0,898869582
Q01469	Fatty acid-binding protein, epidermal	FABP5		F7D8N8	-0,027303417	0,86502611
H9KVB6	Ubiquitin carboxyl-terminal hydrolase 16	USP16		F6VN92	-0,027038532	0,9377686

Q9H9A6	Leucine-rich repeat-containing protein 40	LRRC40		F6T4T3	-0,02695659	0,939669237
O14647	Chromodomain-helicase-DNA-binding protein 2 (CHD-2) (EC 3.6.4.12) (ATP-dependent helicase CHD2)	CHD2		G7MW02	-0,026822738	0,926861189
Q96CT7	Coiled-coil domain-containing protein 124	CCDC124		A0A1D5QAG8	-0,026764876	0,782888071
Q9BUQ8	Probable ATP-dependent RNA helicase DDX23	DDX23		F6VB85	-0,026049512	0,823203031
Q9BRT6	Protein LLP homolog ( LAPS18-like)	LLPH		F6TQE1	-0,025903138	0,955210875
C9J7Z1	Probable peptidyl-tRNA hydrolase	PTRH1		F7FKW9	-0,025864606	0,932965946
Q99943	1-acyl-sn-glycerol-3-phosphate acyltransferase alpha	AGPAT1		F6V4S7	-0,025725799	0,901158169
E9PFD2	Uridine 5'-monophosphate synthase	UMPS		F6Y0R1	-0,025572439	0,833513194
E9PFD2	Uridine 5'-monophosphate synthase	UMPS		F7H6L5	-0,025483959	0,961054622
Q5C9Z4	Nucleolar MIF4G domain-containing protein 1	NOM1		A0A1D5QT77	-0,02545058	0,888301815
Q9UK76	Jupiter microtubule associated homolog 1	JPT1		F6W1B9	-0,025200912	0,82919927
H0YBT4	Dihydropyrimidinase-related protein 3	DPYSL3		F6SAK8	-0,024980222	0,787038775
E9PQI8	U4/U6.U5 tri-snRNP-associated protein 1	SART1		F7H2R4	-0,024225328	0,834276829
Q9HAU5	Regulator of nonsense transcripts 2	UPF2		F7HDY5	-0,023551783	0,919364124
C9JLR4	UBX domain-containing protein 4	UBXN4		F6V7D5	-0,023545268	0,896580687
H3BS51	Sphingomyelin phosphodiesterase 3	SMPD3		F7D3F4	-0,022233825	0,947744934
P49903	Selenide, water dikinase 1	SEPHS1		A0A1D5QFL4	-0,021480238	0,884780649
Q9Y2B0	Protein canopy homolog 2	CNPY2		A0A1D5Q3H2	-0,020925161	0,938114365
Q9H0N5	Pterin-4-alpha-carbinolamine dehydratase 2	PCBD2		F7BHL7	-0,020845788	0,958510134
A0A024RAL3	Submitted name: Zinc finger, FYVE domain containing 16, isoform CRA a	ZFYVE16		A0A1D5QN59	-0,020743042	0,944364712
Q96EK5	KIF1-binding protein	KIF1BP		F7EQ72	-0,020542965	0,858109219
G3V448	Thioredoxin-related transmembrane protein 1	TMX1		F7FWZ6	-0,019990077	0,803849994
Q96TC7	Regulator of microtubule dynamics protein 3	RMDN3		F6YVC2	-0,019454815	0,932699263
V9GZ76	Bifunctional glutamate/proline--tRNA ligase	EPRS		F7E161	-0,019256447	0,916222953
P49711	Transcriptional repressor CTCF	CTCF		G7NQ61	-0,018548107	0,969549221
Q99598	Translin-associated protein X (Translin-associated factor X)	TSNAX		F7FPN4	-0,018268569	0,956083725
Q8WTT2	Nucleolar complex protein 3 homolog	NOC3L		F7GTD9	-0,017548097	0,836456915
Q5SXN9	Mitochondrial-processing peptidase subunit alpha	PMPCA		F7DRX8	-0,017412208	0,826840689
Q9NVC6	Mediator of RNA polymerase II transcription subunit 17	MED17		F7GST6	-0,017388024	0,897449798
P50552	Vasodilator-stimulated phosphoprotein (VASP)	VASP		I0FG82	-0,017329453	0,902381384
O95777	U6 snRNA-associated Sm-like protein LSM8	LSM8		A0A1D5RJ46	-0,017258779	0,929559849

Q15024	Exosome complex component RRP42	EXOSC7		F6T0A2	-0,017053711	0,894698892
Q9NX46	Poly(ADP-ribose) glycohydrolase ARH3	ADPRHL2		F7GY61	-0,016465043	0,903196373
P35606	Coatomer subunit beta'	COPB2		A0A1D5R7T2	-0,015740802	0,953590288
Q96P11	Probable 28S rRNA (cytosine-C(5))-methyltransferase	NSUN5		F7G8Y6	-0,01416188	0,953987659
Q9P253	Vacuolar protein sorting-associated protein 18 homolog (hVPS18)	VPS18		F7G761	-0,013021958	0,914583266
Q13868-3	Exosome complex component RRP4	EXOSC2		A0A1D5Q1C6	-0,012775046	0,982798216
O94808	Glutamine--fructose-6-phosphate aminotransferase	GFPT2		F7GN87	-0,012604969	0,985426259
P50453	Serpin B9	SERPINB9		F7HA35	-0,011328139	0,90632841
Q53EU6	Glycerol-3-phosphate acyltransferase 3	GPAT3		A0A1D5RC36	-0,010636583	0,972809139
I3L0U5	Coiled-coil domain-containing protein 137	CCDC137		F7EWW4	-0,010481518	0,941695693
Q8WX92	Negative elongation factor B (NELF-B) (Cofactor of BRCA1)	NELFB		F7C878	-0,010407873	0,931523537
Q6PKG0	La-related protein 1	LARP1		F6X9Z9	-0,010078658	0,958343657
Q96ST3	Paired amphipathic helix protein Sin3a	SIN3A		F7H3V1	-0,010037815	0,944890375
A0A0D9SF54	Submitted name: Spectrin alpha chain, non-erythrocytic 1	SPTAN1		A0A1D5QAI4	-0,009851032	0,976471314
E5RH56	DNA replication complex GINS protein SLD5	GINS4		F7E9E1	-0,009738138	0,960619078
Q9Y3A3	MOB-like protein phocein (2C4D)	MOB4		F6W5F5	-0,009720407	0,970652269
Q52LC2	V-type proton ATPase subunit S1-like protein	ATP6AP1 L		F7GKQ8	-0,009282846	0,976367995
Q9UBR5	Chemokine-like factor (C32)	CKLF		F7HEG3	-0,008890917	0,987267119
H7C5C3	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform	PIK3CB		F7F3S0	-0,008468284	0,983270258
M0R0N3	Heterogeneous nuclear ribonucleoprotein M	HNRNPM		F6ZI29	-0,008295957	0,962575866
P17980	26S proteasome regulatory subunit 6A	PSMC3		F7HUG4	-0,008207935	0,946439768
P80723	Brain acid soluble protein 1 (22 kDa neuronal tissue-enriched acidic protein)	BASP1		H9ERL9	-0,007779563	0,961637082
K7ES89	Dual-specificity protein phosphatase 3	DUSP3		F7C5I2	-0,007285298	0,956731989
Q8NAV1	Pre-mRNA-splicing factor 38A	PRPF38A		F7CZ30	-0,007019158	0,970308289
I3L309	Serine/threonine-protein kinase PLK1	PLK1		F7HSC1	-0,006531449	0,979116559
C9JN98	Glia-derived nexin	SERPINE2		F7HSW0	-0,006127379	0,995960389
P49756	RNA-binding protein 25	RBM25		F7C691	-0,005664125	0,97645941
Q09666	Neuroblast differentiation-associated protein AHNAK	AHNAK		F6S2X3	-0,00488355	0,943944343

H0YHU4	tRNA (guanine-N(7)-)-methyltransferase	METTL1		F7H363	-0,003486058	0,987047595
H0YB37	Tetratricopeptide repeat protein 1	TTC1		F7AF32	-0,00311781	0,981970432
O43677	NADH dehydrogenase [ubiquinone] 1 subunit C1, mitochondrial	NDUFC1		H9ELX9	-0,002699523	0,964511606
Q9BRF8	Serine/threonine-protein phosphatase CPPED1	CPPED1		A0A1D5RDC1	-0,00263262	0,982399876
Q12874	Splicing factor 3A subunit 3 (SF3a60)	SF3A3		G7MFY2	-0,002303151	0,986291904
P53701	Cytochrome c-type heme lyase	HCCS		F6RYI5	-0,002238337	0,990757842
Q13283	Ras GTPase-activating protein-binding protein 1	G3BP1		F7GTP0	-0,002025534	0,954234878
Q0IIM8	TBC1 domain family member 8B	TBC1D8B		F7EJ20	-0,001626387	0,99090217
Q9H0D6	5'-3' exoribonuclease 2	XRN2		H9FRE3	-0,001578429	0,9862754
P63096	Guanine nucleotide-binding protein G(i) subunit alpha-1	GNAI1		F7EZT2	-0,001216876	0,989310514
Q9BRX8	Redox-regulatory protein FAM213A	FAM213A		H9Z3J8	-0,000913159	0,995509501
Q9NRA0	Sphingosine kinase 2	SPHK2		F6Y855	-0,000638814	0,993866683
P35268	60S ribosomal protein L22	RPL22		A0A1D5R0K2	-0,000567387	0,995128779
Q92608	Dedicator of cytokinesis protein 2	DOCK2		F7HH92	0	1
Q8N7H5	RNA polymerase II-associated factor 1 homolog (hPAF1)	PAF1		G7NNK8	0	1
Q71F23	Centromere protein U	CENPU		F7HTT5	0,001295989	0,99881154
Q13263	Transcription intermediary factor 1-beta	TRIM28		A0A1D5Q8X7	0,001861801	0,990405997
Q9UHA4	Ragulator complex protein LAMTOR3	LAMTOR3		G7MTI2	0,001886436	0,991272955
Q9UHI6	Probable ATP-dependent RNA helicase DDX20	DDX20		F7GH80	0,001894576	0,994910105
A4D1P6	WD repeat-containing protein 91	WDR91		F7D8K6	0,001901424	0,994216383
O75439	Mitochondrial-processing peptidase subunit beta (EC 3.4.24.64) (Beta-MPP) (P-52)	PMPCB		F7F9E1	0,002360681	0,977991479
P08910	Monoacylglycerol lipase	ABHD2		F7BPV5	0,002508546	0,998223882
Q06481	Amyloid-like protein 2 (APLP-2)	APLP2		F7FJ85	0,002802731	0,979555073
Q9NVM9	Integrator complex subunit 13	INTS13		H9FX01	0,003151419	0,991002776
Q8IXM3	39S ribosomal protein L41, mitochondrial (L41mt) (MRP-L41)	MRPL41		H9ZCJ3	0,003245846	0,989667596
Q8NBX0	Saccharopine dehydrogenase-like oxidoreductase	SCCPDH		F6Z9P9	0,003305361	0,981826882
Q8IWS0	PHD finger protein 6 (PHD-like zinc finger protein)	PHF6		F7HLJ3	0,003340993	0,976496244
Q9GZR7	ATP-dependent RNA helicase DDX24	DDX24		F7BWF7	0,003360432	0,989735338
Q96EV2	RNA-binding protein 33	RBM33		F7E9S1	0,004036613	0,992482038
Q12996	Cleavage stimulation factor subunit 3	CSTF3		F7GX05	0,00408413	0,98260075

Q6P158	Putative ATP-dependent RNA helicase DHX57	DHX57		F7H061	0,005385424	0,962703318
Q16864	V-type proton ATPase subunit F	ATP6V1F		A0A1D5RKZ4	0,005616077	0,975985265
P14314	Glucosidase 2 subunit beta	PRKCSH		F7C6C6	0,005790057	0,963058011
Q3ZK31	Serine racemase	SRR		F7DQ15	0,005850075	0,968258911
Q9NWS8	Required for meiotic nuclear division protein 1 homolog	RMND1		F7H660	0,00626285	0,97503472
P26196	Probable ATP-dependent RNA helicase DDX6	DDX6		H9FQP5	0,006446303	0,947205835
A0A087WYU6	Lysophosphatidic acid phosphatase type 6	ACP6		F6PJQ1	0,007331627	0,981917234
P48637	Glutathione synthetase	GSS		F7EMC7	0,007341186	0,955228502
Q9H0U4	Ras-related protein Rab-1B	RAB1B		F6QR86	0,007915587	0,936897006
P52815	39S ribosomal protein L12, mitochondrial	MRPL12		F7H0R4	0,008118695	0,949137423
Q14012	Calcium/calmodulin-dependent protein kinase type 1	CAMK1		F7B069	0,008455228	0,985989299
Q9NVJ2	ADP-ribosylation factor-like protein 8B	ARL8B		F7F1D7	0,008852105	0,963964976
E5RGR9	Protein YIPF5	YIPF5		F7HEG6	0,00901465	0,974940697
Q9Y4H2	Insulin receptor substrate 2 (IRS-2)	IRS2		F7DE94	0,009833786	0,956979108
E9PKW8	Ubiquitin/ISG15-conjugating enzyme E2 L6	UBE2L6		F7BFH8	0,010143319	0,979440941
Q9NZS9	Bifunctional apoptosis regulator (RING finger protein 47)	BFAR		F7HDR2	0,010687497	0,193669617
Q14254	Flotillin-2 (Epidermal surface antigen)	FLOT2		H9FRU4	0,010732321	0,953757229
P30153	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	PPP2R1A		F6RRV0	0,01080332	0,93962664
Q14764	Major vault protein (MVP)	MVP LRP		F7FKY6	0,010847772	0,88382448
M0R3G4	Splicing factor, arginine/serine-rich 19	SCAF1		F6RK87	0,011889846	0,958446744
J3QLE3	Monocarboxylate transporter 4	SLC16A3		F6R637	0,012951212	0,94461901
Q9Y6K1	DNA (cytosine-5)-methyltransferase 3A (Dnmt3a)	DNMT3A		F6QRP0	0,013261349	0,964708533
P46013	Proliferation marker protein Ki-67	MKI67		A0A1D5RER2	0,013672827	0,850975447
P20339	Ras-related protein Rab-5A	RAB5A		A0A1D5Q284	0,014162749	0,956178035
F8WAA7	Integrator complex subunit 4	INTS4		F6R657	0,014282518	0,977727201
P20339	Ras-related protein Rab-5A	RAB5A		F6YS07	0,014285816	0,925627009
Q13895	Bystin	BYSL		F7GU46	0,014334329	0,845931764
O75817	Ribonuclease P protein subunit p20 (RNaseP protein p20)	POP7		F6UHY1	0,015414024	0,965577233
P28066	Proteasome subunit alpha type-5	PSMA5		A0A1D5QEC6	0,015628589	0,957363995
H0YCV6	Oxysterol-binding protein 1	OSBP		F7GLW7	0,015638819	0,855333199

A0A024R7B7	Submitted name: CDC37 cell division cycle 37 homolog ( <i>S. cerevisiae</i> ), isoform CRA a	CDC37		A0A1D5RA77	0,015849964	0,935855985
O95169	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial	NDUFB8		A0A1D5RE69	0,015882713	0,956931623
A0A0A0MSZ7	Germinal-center-associated nuclear protein	MCM3AP		F6ZIW1	0,016024087	0,919663604
Q5VV42	Threonylcarbamoyladenosine tRNA methylthiotransferase (EC 2.8.4.5) (CDK5 regulatory subunit-associated protein 1-like 1) (tRNA-t(6)A37 methylthiotransferase)	CDKAL1		F7HQX9	0,016351066	0,964398027
Q8N392	Rho GTPase-activating protein 18 (MacGAP)	ARHGAP18		F6W8H8	0,016612557	0,891488151
Q9ULT8	E3 ubiquitin-protein ligase HECTD1	HECTD1		H9FSK0	0,017129629	0,937761874
P35625	Metalloproteinase inhibitor 3	TIMP3		F7GL33	0,018329516	0,873185357
Q9HBL7	Plasminogen receptor (KT) (Plg-R(KT))	PLGRKT		F7HNT6	0,018438943	0,969055078
Q9NRP4	Succinate dehydrogenase assembly factor 3, mitochondrial	SDHAF3		A0A1D5RHV0	0,018858459	0,956760231
D6RHG2	[Pyruvate dehydrogenase (acetyl-transferring)] kinase isozyme 2, mitochondrial	PDK2		F7GTZ6	0,01891478	0,931267438
O43264	Centromere/kinetochore protein zw10 homolog	ZW10		F7GVG6	0,019474486	0,809946737
Q8IY18	Structural maintenance of chromosomes protein 5	SMC5		F7HRW6	0,020431579	0,872682434
P61026	Ras-related protein Rab-10	RAB10		G7N9K6	0,020794134	0,822466523
Q8N3C0	Activating signal cointegrator 1 complex subunit 3	ASCC3		F6X804	0,020927147	0,92715582
P33240	Cleavage stimulation factor subunit 2	CSTF2		A0A1D5R4X5	0,020994843	0,802929467
A0A087X2B5	Basigin	BSG		H9FYZ1	0,021105411	0,919488707
Q7L2J0	7SK snRNA methylphosphate capping enzyme (MePCE)	MEPCE		F7EXI8	0,021105737	0,932749193
H0YK04	Rho GTPase-activating protein 5	ARHGAP5		F7GRE8	0,021567846	0,951960221
P54886	Delta-1-pyrroline-5-carboxylate synthase	ALDH18A1		G7N2M0	0,02170161	0,835403957
Q92750	Transcription initiation factor TFIID subunit 4B	TAF4B		F7E5W7	0,021843555	0,890851679
Q14249	Endonuclease G, mitochondrial	ENDOG		F7FG25	0,022184094	0,947726144
C9JK45	Solute carrier family 35 member E1	SLC35E1		F7GVS2	0,022716844	0,956494286
O14929	Histone acetyltransferase type B catalytic subunit (EC 2.3.1.48) (Histone acetyltransferase 1)	HAT1		G7N8B0	0,022990466	0,842364843
C9JZG2	Trifunctional purine biosynthetic protein adenosine-3	GART		F7GSL0	0,023013622	0,886291387



A0A087X2I1	Submitted name: 26S proteasome regulatory subunit 10B	PSMC6		F7ALC4	0,023197377	0,837391724
H7C201	Glutaminase kidney isoform, mitochondrial	GLS		F7AIH5	0,023531296	0,816480419
O95219	Sorting nexin-4	SNX4		F6TZZ6	0,024016395	0,563267007
F8VUA2	Charged multivesicular body protein 1a	CHMP1A		F6TVW3	0,025107111	0,946623549
F8WEL8	Solute carrier family 25 member 40	SLC25A40		F7H3V4	0,025624056	0,891610465
P35249	Replication factor C subunit 4	RFC4		F6S9R5	0,026046604	0,957768971
P62330	ADP-ribosylation factor 6	ARF6		F6RLV0	0,026590635	0,840593263
Q9NYJ1	Cytochrome c oxidase assembly factor 4 homolog, mitochondrial	COA4		F7E4U8	0,02684717	0,911798446
Q8N0X7	Spartin (Spastic paraplegia 20 protein) (Trans-activated by hepatitis C virus core protein 1)	SPART		F6YG32	0,028241841	0,939756967
P23284	Peptidyl-prolyl cis-trans isomerase B	PPIB		F7HFK5	0,028778525	0,871721142
P49840	Glycogen synthase kinase-3 alpha	GSK3A		F7GQ30	0,029342797	0,91800772
H7C5R8	Poly [ADP-ribose] polymerase 14	PARP14		F6ZKX3	0,029477439	0,893888943
H7C153	Transmembrane prolyl 4-hydroxylase	P4HTM		H9FW46	0,029770069	0,930199272
V9GYC8	Transmembrane protein 165	TMEM165		F6TZV2	0,031118558	0,906526944
C9JWJ4	E3 ubiquitin-protein ligase BRE1A	RNF20		F6VU61	0,032088181	0,788688699
D6RG29	Calnexin	CANX		H9ES13	0,032159716	0,817963297
Q5VT52	Regulation of nuclear pre-mRNA domain-containing protein 2	RPRD2		F7F708	0,032513362	0,762884528
P45379	Troponin T, cardiac muscle (TnTc)	TNNT2		H9FS68	0,032881355	0,592023788
A0A087WW82	Golgi pH regulator B	GPR89B		F7D013	0,032990633	0,798921266
P51571	Translocon-associated protein subunit delta	SSR4		A0A1D5R9I4	0,034413104	0,795550118
Q8WXX5	DnaJ homolog subfamily C member 9	DNAJC9		F6WGL3	0,034522246	0,820163992
H0YNN4	Complex I intermediate-associated protein 30, mitochondrial	NDUF4F1		I2CYE1	0,035049198	0,840529428
Q9Y3A5	Ribosome maturation protein SBDS	SBDS		G7MP28	0,03517177	0,837944961
P07686	Beta-hexosaminidase subunit beta	HEXB		F7FNG8	0,03521034	0,801883621
P35080	Profilin-2 (Profilin II)	PFN2		F7EGP4	0,035370892	0,854056765
Q69YN4	Protein virilizer homolog	VIRMA		F7HTB4	0,035469004	0,816096542
P60468	Protein transport protein Sec61 subunit beta	SEC61B		F7B5P3	0,035622159	0,919795851
Q9P0I2	ER membrane protein complex subunit 3 (Transmembrane protein 111)	EMC3		G7MKR4	0,035765671	0,878333775

Q4G0F5	Vacuolar protein sorting-associated protein 26B (Vesicle protein sorting 26B)	VPS26B		F7DYN9	0,03586101	0,815393006
A6NHL2	Tubulin alpha chain-like 3	TUBAL3		F7HMJ1	0,036079125	0,87712824
P51571	Translocon-associated protein subunit delta	SSR4		A0A1D5R2A3	0,036371889	0,821403605
I3L0V0	Enhancer of mRNA-decapping protein 4	EDC4		F7HN31	0,037127073	0,432292597
O00273	DNA fragmentation factor subunit alpha (DNA fragmentation factor 45 kDa subunit) (DFF-45) (Inhibitor of CAD) (ICAD)	DFFA		F7HGW2	0,037910604	0,860884908
Q8WXH0	Nesprin-2	SYNE2		A0A1D5RFP7	0,038154892	0,859093097
Q8IUH3	RNA-binding protein 45	RBM45		F6UTG6	0,038303798	0,789073799
Q68D91	Metallo-beta-lactamase domain-containing protein 2	MBLAC2		F6Y5L8	0,038383849	0,895480287
M0R263	Submitted name: Far upstream element-binding protein 2	KHSRP		A0A1D5QV59	0,038618323	0,80792496
O60427	Fatty acid desaturase 1 (EC 1.14.19.-) (Delta(5) fatty acid desaturase) (D5D) (Delta(5) desaturase) (Delta-5 desaturase)	FADS1		F6TDF1	0,0388184	0,89300168
Q5T6L5	Argininosuccinate synthase	ASS1		H9ESN2	0,03903348	0,92451339
Q96Q11	CCA tRNA nucleotidyltransferase 1, mitochondrial	TRNT1		F7DSQ6	0,039125891	0,695770528
Q9Y3B6	ER membrane protein complex subunit 9 (FAM158A)	EMC9		F7FF56	0,039729361	0,732807756
H7BY16	Nucleolin	NCL		H9H3Z4	0,040151777	0,874093446
Q96EY1	DnaJ homolog subfamily A member 3, mitochondrial	DNAJA3		A0A1D5QUC9	0,040718439	0,867732197
Q9UPU7	TBC1 domain family member 2B	TBC1D2B		F6PZI2	0,041335232	0,632921533
O95696	Bromodomain-containing protein 1	BRD1		F6ZXG4	0,04242809	0,951600213
H3BRR7	Piezo-type mechanosensitive ion channel component 1	PIEZO1		F7FGI4	0,042688125	0,875626314
A0A0A0MQS9	Submitted name: Laminin subunit alpha-4	LAMA4		F7GVU4	0,042803743	0,685397243
B5MCB5	Cellular retinoic acid-binding protein 1	CRABP1		F7HEV1	0,043139531	0,800078952
Q13427	Peptidyl-prolyl cis-trans isomerase G	PPIG		F7B2W8	0,043197492	0,886413766
Q15528	Mediator of RNA polymerase II transcription subunit 22	MED22		F6ZDB0	0,043736598	0,9279753
Q9UL15	BAG family molecular chaperone regulator 5	BAG5		F6PND4	0,044337911	0,818723332
H7BZC4	28S ribosomal protein S9, mitochondrial	MRPS9		F7CGI1	0,04448762	0,53725522
Q9NWU2	Glucose-induced degradation protein 8 homolog	GID8		F6U494	0,04472449	0,769652904

O43242	26S proteasome non-ATPase regulatory subunit 3 (26S proteasome regulatory subunit RPN3) (26S proteasome regulatory subunit S3) (Proteasome subunit p58)	PSMD3		F6UG68	0,045501725	0,541549201
Q9BV40	Vesicle-associated membrane protein 8 (VAMP-8)	VAMP8		F6ZVQ1	0,045628803	0,765892917
P24386	Rab proteins geranylgeranyltransferase component A 1	CHM		F7DAV9	0,04564892	0,8533604
Q99757	Thioredoxin, mitochondrial	TXN2		A0A1D5RD29	0,045948989	0,846162976
Q9NR45	Sialic acid synthase	NANS		A0A1D5R708	0,046052097	0,650549115
H7C4H7	5-aminolevulinate synthase, nonspecific, mitochondrial	ALAS1		F7D1M7	0,046227544	0,860253333
O76080	AN1-type zinc finger protein 5	ZFAND5		A0A1D5R7J9	0,046508714	0,937863401
H7C4H7	5-aminolevulinate synthase, nonspecific, mitochondrial	ALAS1		F7H7H8	0,046902506	0,752962887
Q5RKV6	Exosome complex component MTR3 (Exosome component 6) (mRNA transport regulator 3 homolog) (hMtr3) (p11)	EXOSC6		H9Z3C0	0,047191669	0,867534943
Q96E11	Ribosome-recycling factor, mitochondrial (RRF) (Ribosome-releasing factor, mitochondrial)	MRRF		F6S9D7	0,047306462	0,596525833
O43913	Origin recognition complex subunit 5	ORC5		F7HFP9	0,047655537	0,808135758
H0YFD6	Trifunctional enzyme subunit alpha, mitochondrial	HADHA		F7FRK6	0,047747669	0,521937804
A0A1W2PP97	Ribonuclease (EC 3.1.26.-)	RNASEH2A		F6U5A6	0,047938169	0,877215152
Q6PIU2	Neutral cholesterol ester hydrolase 1	NCEH1		F6PMM4	0,048627583	0,868099004
Q92613	Protein Jade-3 (Jade family PHD finger protein 3)	JADE3		F6VMM7	0,048865324	1
H0YNN5	Serine beta-lactamase-like protein LACTB, mitochondrial	LACTB		F7EXQ6	0,050267409	0,663617389
P16402	Histone H1.3	HIST1H1D		F7HR57	0,050368723	0,721329697
I3L239	Heat shock protein 75 kDa, mitochondrial	TRAP1		F7EHQ6	0,050459356	0,266057502
P50851	Lipopolysaccharide-responsive and beige-like anchor protein	LRBA		F6W7V2	0,051519898	0,753162201
P29590	Protein PML	PML		F7HSN1	0,051724268	0,711173666
P46821	Microtubule-associated protein 1B	MAP1B		F7H119	0,051984944	0,912195488
P56537	Eukaryotic translation initiation factor 6	EIF6		A0A1D5R862	0,052332955	0,810628503
Q9UKD2	mRNA turnover protein 4 homolog	MRTO4		F7HJV5	0,052615972	0,880935422

Q8IWE2	NOXP20	FAM114A1		F7GKZ3	0,052769281	0,772842204
Q5JT45	Utrophin	UTRN		F6R0R2	0,052833249	0,529335104
Q5JY01	tRNA (guanine(10)-N2)-methyltransferase homolog	TRMT11		F6ZLG8	0,053262681	0,863437353
P07954	Fumarate hydratase, mitochondrial (Fumarase)	FH		F6VWV9	0,053414829	0,694861877
Q9UQ80	Proliferation-associated protein 2G4	PA2G4		F7H6R7	0,054207544	0,323377072
Q9Y535	DNA-directed RNA polymerase III subunit RPC8	POLR3H		F7BKF0	0,054384897	0,861105653
O60832	H/ACA ribonucleoprotein complex subunit 4	DKC1		A0A1D5REQ8	0,055328965	0,733344735
Q99497	nucleic acid deglycase DJ-1	PARK7		A0A1D5Q5I8	0,056132927	0,534772825
P45973	Chromobox protein homolog 5	CBX5		F7C841	0,056681875	0,545041706
Q9NQC3	Reticulon-4	RTN4		F6ZYE6	0,056729445	0,899304745
Q9BSJ8	Extended synaptotagmin-1	ESYT1		A0A1D5QPB7	0,056955558	0,683925963
P04264	Keratin, type II cytoskeletal 1	KRT1		F7B786	0,057093331	0,920036363
Q13907-2	Isopentenyl-diphosphate Delta-isomerase 1	IDII		A0A1D5Q3J7	0,05758813	0,946380299
P48723	Heat shock 70 kDa protein 13	HSPA13		F7GMR0	0,05764643	0,623827306
Q96C86	m7GpppX diphosphatase	DCPS		A0A1D5RGV4	0,057737014	0,605131983
O94905	Erlin-2	ERLIN2		F6R5W0	0,057889364	0,531663424
Q96K30	RBPJ-interacting and tubulin-associated protein 1	RITA1		F6UQX2	0,058011865	0,800830823
F8W914	Reticulon	RTN4		F6ZYE0	0,058061923	0,717865112
F8WF45	TATA element modulatory factor	TMF1		F7FD09	0,058142703	0,755312452
H0Y7M9	Protein Niban	FAM129A		F7CXT6	0,058331475	0,519967435
P34059	N-acetylgalactosamine-6-sulfatase	GALNS		F7DJ55	0,058994384	0,866391651
P57740	Nuclear pore complex protein Nup107	NUP107		F7AS65	0,059003681	0,870747103
Q9NW82	WD repeat-containing protein 70	WDR70		F7B6T8	0,059486195	0,811302863
Q16851	UTP--glucose-1-phosphate uridylyltransferase	UGP2		A0A1D5Q741	0,059579262	0,954630936
P35573	Glycogen debranching enzyme	AGL GDE		F7EAR8	0,059670176	0,898706222
Q86U38	Nucleolar protein 9	NOP9		F6TFH6	0,059792985	0,899957208
D6REW6	Alpha-2-macroglobulin receptor-associated protein	LRPAP1		F7DRI7	0,060897613	0,516558641
P31942	Heterogeneous nuclear ribonucleoprotein H3	HNRNPH3		F6Y030	0,060970013	0,343575748
P58557	Endoribonuclease YbeY	YBEY		F6S0W3	0,061027807	0,769486635
Q8N9N8	Probable RNA-binding protein EIF1AD (Eukaryotic translation initiation factor 1A domain-containing protein) (Haponin)	EIF1AD		F6T7W0	0,061177162	0,810991469
Q9NPJ6	Mediator of RNA polymerase II transcription subunit 4	MED4		A0A1D5QCL7	0,061307623	0,791790097
Q9BY32	Inosine triphosphate pyrophosphatase (ITPase)	ITPA		F6QR76	0,063335979	0,879605771

Q8N7S2	DnaJ homolog subfamily C member 5G	DNAJC5G		F7GUQ8	0,063695588	0,791551731
E9PD53	Structural maintenance of chromosomes protein	SMC4		F7HUF4	0,064314363	0,578708766
P0DN25	C1GALT1-specific chaperone 1-like protein	C1GALT1 C1L		F6TJI6	0,065112768	0,859463171
Q9Y5B0	RNA polymerase II subunit A C-terminal domain phosphatase	CTDP1		F7E4V3	0,065382487	0,821290812
Q6L8Q7	2',5'-phosphodiesterase 12	PDE12		F6ZR60	0,065922685	0,828265873
Q8NBS9	Thioredoxin domain-containing protein 5	TXNDC5		F7E4H1	0,066134074	0,595288792
P36954	DNA-directed RNA polymerase II subunit RPB9	POLR2I		F7A420	0,066151525	0,788154694
P10301	Ras-related protein R-Ras (p23)	RRAS		F6ZGX8	0,066271947	0,573470169
H0YFA4	Cysteine-rich protein 2	CRIP2		H9FQ52	0,066546706	0,704148729
C9JM54	Chromobox protein homolog 8	CBX8		H9ZBK9	0,066790061	0,589787353
Q7Z2K6	Endoplasmic reticulum metalloproteinase 1	ERMP1		F6PJ43	0,06843888	0,776671753
F8WEQ7	Programmed cell death 6-interacting protein	PDCD6IP		H9Z3W8	0,068712239	0,541767691
O95721	Synaptosomal-associated protein 29	SNAP29		F6UFJ7	0,068891433	0,753564377
Q9BRL6	Serine/arginine-rich splicing factor 8 (Pre-mRNA-splicing factor SRP46)	SRSF8		F7AJ92	0,069579466	0,830284534
Q96SZ5	2-aminoethanethiol dioxygenase	ADO		F7FC21	0,070576325	0,737413008
Q96KP4	Cytosolic non-specific dipeptidase	CNDP2		F7EW08	0,071353237	0,822046528
J3KRP5	Leucine-rich repeat-containing protein 47	LRRC47		F7GCY4	0,071389081	0,540400824
G3V5E4	Glucosamine 6-phosphate N-acetyltransferase	GNPNAT1		F7BLF8	0,072059977	0,834761639
A0A0A0MSM0	Heat shock protein 105 kDa	HSPH1		F6Y7D1	0,072065341	0,896879659
C9JGR5	Rab GTPase-activating protein 1	RABGAP1		G7NFI3	0,072405864	0,746394626
Q6PI48	Aspartate--tRNA ligase, mitochondrial	DARS2		G7NB00	0,072548199	0,566715638
P09497	Clathrin light chain B (Lcb)	CLTB		H9FPR6	0,072623356	0,686910709
O75976	Carboxypeptidase D	CPD		A0A1D5QF46	0,073118094	0,321325536
J3QL86	CDK5 regulatory subunit-associated protein 3	CDK5RAP3		H9YZ21	0,074187457	0,890784887
O43402	ER membrane protein complex subunit 8	EMC8		A0A1D5R636	0,07467426	0,798834428
H0YJ17	Neuroguidin	NGDN		F7G0P4	0,074922326	0,5542048
P00367	Glutamate dehydrogenase 1, mitochondrial (GDH 1)	GLUD1		F7HP31	0,07501857	0,545719613
J3KN43	Transmembrane protein 33	TMEM33		F7H2H1	0,075105353	0,858142983
H0YJI8	Pro-low-density lipoprotein receptor-related protein 1	LRP1		H9EMK7	0,075791979	0,885203712
Q9BVV7	Mitochondrial import inner membrane translocase subunit Tim21	TIMM21		F7FB39	0,076339791	0,829145752

A0A087WWS1	THO complex subunit 1	THOC1		G7NKF9	0,076486475	0,813703877
G3V340	Striatin-3	STRN3		F7C5N3	0,076563791	0,710377128
H3BV80	Submitted name: RNA-binding protein with serine-rich domain 1	RNPS1		A0A1D5Q043	0,076595088	0,593563513
Q13641	Trophoblast glycoprotein	TPBG		F7CT46	0,077008488	0,693623301
O75629	CREG1	CREG1		A0A1D5R7I1	0,07726837	0,440459869
Q9Y6U3	Adseverin (Scinderin)	SCIN		F6T8Z7	0,07786876	0,340134507
I3L1P8	Mitochondrial 2-oxoglutarate/malate carrier protein	SLC25A11		F7H2B1	0,0779978	0,538942234
Q15125	3-beta-hydroxysteroid-Delta(8),Delta(7)-isomerase	EBP		A0A1D5Q142	0,078293093	0,739107243
O00623	Peroxisome assembly protein 12 (Peroxin-12) (Peroxisome assembly factor 3) (PAF-3)	PEX12		F6WC25	0,078419023	0,771704489
Q8IYS2	Uncharacterized protein KIAA2013	KIAA2013		F7FF73	0,07843396	0,65459161
Q5EBL8	PDZ domain-containing protein 11	PDZD11		G7NRU3	0,078504182	0,800701202
Q6YP21	Kynurenine--oxoglutarate transaminase 3	KYAT3		F6UIB5	0,078591359	0,535095127
Q4G0F5	Vacuolar protein sorting-associated protein 26B	VPS26B		A0A1D5Q748	0,079192011	0,577332442
Q5SPU2	Tripartite motif-containing protein 26	TRIM26		Q5TM56	0,079962294	0,685948523
P49750	YLP motif-containing protein 1	YLPM1		G7MYT7	0,080358877	0,537196976
P05556	Integrin beta-1	ITGB1		F7EUS3	0,080730796	0,582683479
Q6NUQ4	Transmembrane protein 214	TMEM214		F7B5X0	0,081110257	0,839252052
Q96PD6	2-acylglycerol O-acyltransferase 1	MOGAT1		H9G0W3	0,081775546	0,70139987
A0A1D5RGN6	Cyclin-K	CCNK		A0A1D5RGN6	0,082906839	0,782208388
Q8NHG7	Small VCP/p97-interacting protein	SVIP		H9ENV2	0,082967832	0,859857538
P67936	Tropomyosin alpha-4 chain (TM30p1)	TPM4		H9END9	0,083948798	0,632850828
Q9Y5K6	CD2-associated protein	CD2AP		F7ELX5	0,086605284	0,455433984
O14497	AT-rich interactive domain-containing protein 1A	ARID1A		F7DX53	0,086733417	0,8403393
O15145	Actin-related protein 2/3 complex subunit 3 (Arp2/3 complex 21 kDa subunit) (p21-ARC)	ARPC3		F7H998	0,086772677	0,773508301
Q02388	Collagen alpha-1(VII) chain (Long-chain collagen) (LC collagen)	COL7A1		F7GSG4	0,087160006	0,429757527
Q9UGP4	LIM domain-containing protein 1	LIMD1		F7G8E9	0,087334728	0,777289495
G3V2Q5	Actin-related protein 10	ACTR10		F7E2U8	0,087712207	0,653345414
Q99884	Sodium-dependent proline transporter	SLC6A7		F6PWF2	0,087723541	0,788876253
P31641	Sodium- and chloride-dependent taurine transporter (Solute carrier family 6 member 6)	SLC6A6		F7HEB3	0,088066244	0,768853918



G3V5T3	Cleavage and polyadenylation specificity factor subunit 2 (Cleavage and polyadenylation specificity factor 100 kDa subunit)	CPSF2		F6YTM3	0,088931688	0,4822213
O43570	Carbonic anhydrase 12	CA12	96.0%	F7DLJ4	0,089310259	0,715100742
P25325-2	3-mercaptopyruvate sulfurtransferase	MPST		F7EJT9	0,089471718	0,726116701
O75355	Ectonucleoside triphosphate diphosphohydrolase 3	ENTPD3	97.9%	F6XK13	0,089785732	0,608793255
Q04917	14-3-3 protein eta	YWHAH		F6RIX6	0,091581763	0,574717977
Q96D71	RalBP1-associated Eps domain-containing protein 1	REPS1	99.1%	G7MQ88	0,091788932	0,712217885
Q6P2Q9	Pre-mRNA-processing-splicing factor 8	PRPF8		G7NHM1	0,091995633	0,134684683
Q86VS8	Protein Hook homolog 3	HOOK3	99.9%	F7GTC3	0,092093948	0,520023266
Q15054	DNA polymerase delta subunit 3	POLD3	97.4%	F7BL41	0,092359949	0,738824142
Q9Y6W5	Wiskott-Aldrich syndrome protein family member 2	WASF2	99.0%	F7E520	0,092463741	0,702123106
F7HIR8	Submitted name: O-fucosyltransferase 1	POFUT1		F7HIR8	0,092480183	0,459809394
Q14696	LRP chaperone MESD	MESD	97.0%	G7MYN0	0,092670339	0,59098142
Q96EY7	Pentatricopeptide repeat domain-containing protein 3, mitochondrial	PTCD3	90.0%	F7AG04	0,0930015	0,579666624
Q96T23	Remodeling and spacing factor 1	RSF1	98.1%	F7H963	0,09302748	0,66547364
Q4R4I6	Adenylyl cyclase-associated protein	CAP1	99.0%	F7HMC9	0,093129078	0,702580881
Q14165	Malectin	MLEC		F7HJM2	0,093705456	0,372001191
Q9UBW7	Zinc finger MYM-type protein 2	ZMYM2	85.5%	F7A6C9	0,093918371	0,538038859
O15143	Actin-related protein 2/3 complex subunit 1B	ARPC1B		F7BKH1	0,094046752	0,788953633
Q99471	Prefoldin subunit 5	PFDN5		F7HTC8	0,094201777	0,734360087
Q12769	Nuclear pore complex protein Nup160	NUP160	98.7%	F7G010	0,094460717	0,28821327
O43818	U3 small nucleolar RNA-interacting protein 2	RRP9	98.7%	F6PY48	0,095102583	0,493157679
Q9Y6V7	Probable ATP-dependent RNA helicase DDX49	DDX49	98.8%	F7FF28	0,095293294	0,584745021
Q56P03	E2F-associated phosphoprotein	EAPP	97.9%	G7MXF5	0,096795771	0,771911244
Q9Y618-4	Nuclear receptor corepressor 2	NCOR2	94.2%	F7DM20	0,097110814	0,633513217
Q14697	Neutral alpha-glucosidase AB	GANAB	98.7%	F6RVK6	0,097369829	0,558079103
P63172	Dynein light chain Tctex-type 1	DYNLT1		F6QZS9	0,097898164	0,732642662
Q9BVM4	Gamma-glutamylaminocyclotransferase	GGACT	92.8%	F7GFS1	0,098491698	0,836447789
Q15181	Inorganic pyrophosphatase	PPA1	98.0%	F7GWS5	0,098639501	0,7075225
O15126	Secretory carrier-associated membrane protein 1	SCAMP1	89.3%	F7G220	0,098663764	0,519018231
Q9UKI2	Cdc42 effector protein 3	CDC42EP3	99.2%	F6PS82	0,099462571	0,526331587
Q96HS1	Serine/threonine-protein phosphatase PGAM5, mitochondrial	PGAM5	99.6%	F6QAL8	0,100445066	0,085095047

A6NEM2	Submitted name: Host cell factor 1	HCFC1	97.5%	F6YUN7	0,100768454	0,820931745
P51570	Galactokinase	GALK1	96.9%	F7DF76	0,100923434	0,170615332
Q92890	Ubiquitin recognition factor in ER-associated degradation protein 1	UFD1	99.7%	F6SHL7	0,10129221	0,689644366
Q8N138	ORM1-like protein 3	ORMDL3	99.3%	F6RNL9	0,101373023	0,588028669
Q96PU4	E3 ubiquitin-protein ligase UHRF2	UHRF2	99.1%	H9ET07	0,102305966	0,627466513
P78417	Glutathione S-transferase omega-1	GSTO1	97.1%	F6SPY0	0,102432852	0,711675743
Q9UBT2	SUMO-activating enzyme subunit 2	UBA2	99.5%	F6TLE0	0,102918634	0,45836519
Q5T4S7	E3 ubiquitin-protein ligase UBR4	UBR4	99.6%	F7H1W6	0,103001672	0,369586425
P49903	Selenide, water dikinase 1	SEPHS1		F7HTN4	0,103160673	0,309816962
A6NG45	Submitted name: Peroxiredoxin-4	PRDX4	88.2%	F7FIF8	0,103311744	0,841427818
A0A0S2Z4D7	Submitted name: NCK adaptor protein 1 isoform 2	NCK1	98.8%	A0A1D5R4U9	0,103834069	0,752978077
P49327	Fatty acid synthase	FASN	93.3%	F6PYE7	0,103887224	0,490863855
Q9UFN0	Protein NipSnap homolog 3A	NIPSNAP 3A	97.2%	F7BTR7	0,10395818	0,73476779
Q92696	Geranylgeranyl transferase type-2 subunit alpha	RABGGT A	98.2%	F7FK93	0,104252319	0,375062277
P38432	Coilin	COIL	95.8%	F7H5Z2	0,104284263	0,647889752
Q6QNY0	Biogenesis of lysosome-related organelles complex 1 subunit 3	BLOC1S3	95.0%	F6U731	0,104304464	0,83139677
P35998	26S proteasome regulatory subunit 7	PSMC2		H9FXE8	0,104326196	0,422556907
Q5NDL2	EGF domain-specific O-linked N-acetylglucosamine transferase	EOGT	97.2%	F7FWV8	0,104344284	0,538314512
Q8WWA1-2	Transmembrane protein 40	TMEM40	96.1%	F7HU05	0,104465507	0,697255735
Q14344	Guanine nucleotide-binding protein subunit alpha-13	GNA13		H9EP41	0,105842219	0,401060889
Q9UPT8	Zinc finger CCCH domain-containing protein 4	ZC3H4	97.8%	F7GSF2	0,105958038	0,316054766
P41743	Protein kinase C iota type	PRKCI	97.0%	F6WY19	0,106510004	0,678220285
P34932	Heat shock 70 kDa protein 4	HSPA4	99.5%	A0A1D5QUV8	0,106891999	0,632161329
P06703	S100-A6	S100A6		F7DI51	0,10711614	0,275930273
Q8IWB7	WD repeat and FYVE domain-containing protein 1	WDFY1	98.5%	F6R8Q0	0,107505503	0,686073944
P62318	Small nuclear ribonucleoprotein Sm D3	SNRPD3		F6X983	0,108158331	0,865419727
Q9H4A5	Golgi phosphoprotein 3-like	GOLPH3L	99.6%	F7B4L7	0,108727073	0,821932263
Q15648	Mediator of RNA polymerase II transcription subunit 1	MED1		F7E5Q9	0,108901195	0,644738661
Q9Y3D9	28S ribosomal protein S23, mitochondrial	MRPS23	91.6%	F7FWQ8	0,110191484	0,517629757

E9PAU2	Submitted name: Ribonucleoprotein PTB-binding 1	RAVER1	98.5% v	F6TPA3	0,112254269	0,427431773
Q96LC9	Bcl-2-modifying factor	BMF	95.7%	F7CM09	0,112551772	0,455363834
Q9NRY4	Rho GTPase-activating protein 35	ARHGAP3	99.7%	A0A1D5QQ64	0,112590733	0,450102431
Q53EP0		5				
Q53EP0	Fibronectin type III domain-containing protein 3B	FNDC3B	98.9%	F6Z4C0	0,113149512	0,748509709
Q9P2X0	Dolichol-phosphate mannosyltransferase subunit 3	DPM3	96.7%	F6R3K4	0,113343238	0,365719826
Q8N4T8	Carbonyl reductase family member 4	CBR4	97.0%	G7MSA6	0,113421328	0,770810613
O00767	Acyl-CoA desaturase	SCD	95.5%	G7N0X4	0,113789102	0,81976481
Q99487	Platelet-activating factor acetylhydrolase 2, cytoplasmic	PAFAH2	98.2%	G7MHQ4	0,114360057	0,753866322
Q9NWT6	Hypoxia-inducible factor 1-alpha inhibitor	HIF1AN		F7H440	0,115799311	0,703296753
O14734	Acyl-coenzyme A thioesterase 8	ACOT8	97.8%	F7G1E9	0,116343602	0,486952171
Q8WXF1	Paraspeckle component 1	PSPC1	99.2%	F6XYS7	0,116940584	0,419064661
Q9H3P7	Golgi resident protein GCP60	ACBD3	98.7%	F6QTK2	0,118075083	0,321615428
P50151	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-10	GNG10		A0A1D5RGW5	0,118420555	0,517844099
Q68CZ6	HAUS augmin-like complex subunit 3	HAUS3	97.0%	F6RPM9	0,118524278	0,652436191
Q8TBA6	Golgin subfamily A member 5	GOLGA5	96.9%	F6U7C5	0,11926518	0,642013253
Q12849	G-rich sequence factor 1	GRSF1	97.5%	F6X6F5	0,119288855	0,735826798
O94919	Endonuclease domain-containing 1 protein	ENDOD1	97.0%	F7AJA1	0,119546417	0,57858736
Q9BRQ0	Pygopus homolog 2	PYGO2	98.4%	F7HPS9	0,119699113	0,50356332
P13591	Neural cell adhesion molecule 1	NCAM1	99.8%	A0A1D5QXN3	0,119704971	0,49574903
Q7KZF4	Staphylococcal nuclease domain-containing protein 1	SND1	99.6%	G7MMA3	0,11984512	0,14696213
O00425	Insulin-like growth factor 2 mRNA-binding protein 3	IGF2BP3		F6WAQ5	0,120924011	0,21419603
O94903	Pyridoxal phosphate homeostasis protein	PLPBP	96.7%	A0A1D5QUI1	0,121506808	0,253679151
Q6NZY4	Zinc finger CCHC domain-containing protein 8	ZCCHC8	96.6%	F7GKW0	0,121796537	0,591921207
Q9Y6N5	Sulfide:quinone oxidoreductase, mitochondrial	SQOR	96.9%	F6S067	0,121835976	0,098457669
Q7L014	Probable ATP-dependent RNA helicase DDX46	DDX46	99.7%	F7FFQ7	0,12247953	0,398934214
Q9Y310	tRNA-splicing ligase RtcB homolog	RTCB	99.4%	F7HFI7	0,12249437	0,447149289
P84090	Enhancer of rudimentary homolog	ERH		I0FGK6	0,12257972	0,425573747
P84095	Rho-related GTP-binding protein RhoG	RHOG	99.5%	F6ZFI9	0,122621864	0,556063149
P56199	Integrin alpha-1	ITGA1	98.7%	F7GLS1	0,122813687	0,418434188
Q9C0J8	pre-mRNA 3' end processing protein WDR33	WDR33	99.5%	F6SBK9	0,123234043	0,195252827
Q96H79	Zinc finger CCCH-type antiviral protein 1-like	ZC3HAV1 L	98.7%	F7HRZ4	0,123310355	0,679266553

Q9Y3E0	Vesicle transport protein GOT1B	GOLT1B		A0A1D5R1M2	0,123395408	0,483544823
Q12768	WASH complex subunit 5	WASHC5	99.7%	H9G2L5	0,123589822	0,603364582
O15031	Plexin-B2	PLXNB2	96.8%	F7E8S5	0,123967368	0,344933735
P28062	Proteasome subunit beta type-8	PSMB8	97.1%	F7GFK7	0,124626799	0,606699688
Q00325-2	Phosphate carrier protein, mitochondrial	SLC25A3	98.3%	F6VER2	0,124711403	0,637976185
Q9NXX6-2	Non-structural maintenance of chromosomes element 4 homolog A	NSMCE4 A	97.2%	F7GWD3	0,124721793	0,462952525
Q9Y530	O-acetyl-ADP-ribose deacetylase 1	OARD1		G7MP92	0,124764979	0,51912502
Q9Y3Z3	Deoxynucleoside triphosphate triphosphohydrolase SAMHD1	SAMHD1	93.8%	F6WNQ8	0,125026668	0,588874516
P30837	Aldehyde dehydrogenase X, mitochondrial	ALDH1B1	97.9%	F7H5N9	0,125252278	0,427266121
Q9P013	Spliceosome-associated protein CWC15 homolog	CWC15		F7E4K7	0,125474121	0,183387058
Q96S79	Ras-like protein family member 10B	RASL10B		F7EQP3	0,12608753	0,419660707
E7EVX8	U4/U6 small nuclear ribonucleoprotein Prp31	PRPF31		F6X6X6	0,126445358	0,425471303
Q12929	Epidermal growth factor receptor kinase substrate 8	EPS8		F6TUH1	0,12651463	0,525883168
Q8WY22	BRI3-binding protein	BRI3BP		F7CM78	0,126665491	0,665352161
Q15813	Tubulin-specific chaperone E	TBCE		F6VBW2	0,126682117	0,647097555
P36542	ATP synthase subunit gamma, mitochondrial	ATP5C1		F7HJS5	0,126723086	0,307320724
Q09328	Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A	MGAT5		G7NB12	0,12715691	0,744434441
H0Y8S0	Stress-70 protein, mitochondrial	HSPA9		F6TLV2	0,127232452	0,017323338
K7EKM4	Spermidine synthase	SRM		F6S2N2	0,127335809	0,25866782
Q6ZXV5	Transmembrane and TPR repeat-containing protein 3 ( SMILE)	TMTC3		F6VRM2	0,127344334	0,511306843
P35914	Hydroxymethylglutaryl-CoA lyase, mitochondrial	HMGCL		H9Z8B6	0,12755547	0,259118158
Q14558	Phosphoribosyl pyrophosphate synthase-associated protein 1	PRPSAP1		G7NGX7	0,127730397	0,464582198
Q5TFE4	5'-nucleotidase domain-containing protein 1	NT5DC1		F7HC19	0,128693514	0,487379084
Q07666	KH domain-containing, RNA-binding, signal transduction-associated protein 1	KHDRBS1		F7F4N3	0,128985384	0,378634528
A0A0C4DH8 2	SEC23-interacting protein	SEC23IP		F7ELL6	0,129106526	0,543871564
Q7L0Y3	tRNA methyltransferase 10 homolog C	TRMT10C		F7EUC5	0,129456296	0,541636671
H0YHS6	Tyrosine--tRNA ligase (EC 6.1.1.1) (Tyrosyl-tRNA synthetase)	YARS2		H9H3M7	0,129935899	0,183616836
Q2TU80	Submitted name: Proliferation-inducing protein 43	PIG43		F6WLY4	0,130059154	0,60094566

Q9BQ48	39S ribosomal protein L34, mitochondrial	MRPL34		F6YJR8	0,130076197	0,879405099
Q9UIG0	Tyrosine-protein kinase BAZ1B	BAZ1B		F7ETW7	0,130289354	0,052665241
H7C3L2	D-2-hydroxyglutarate dehydrogenase, mitochondrial	D2HGDH		F6YN82	0,130714373	0,394857277
Q9UBS4	DnaJ homolog subfamily B member 11	DNAJB11		A0A1D5REF1	0,131434019	0,263577076
Q9BQ39	ATP-dependent RNA helicase DDX50	DDX50		F6SQG1	0,131442056	0,662727308
Q9BYG5	Partitioning defective 6 homolog beta	PARD6B		A0A1D5R5G0	0,131461428	0,417499113
A0A087WTZ5	UBX domain-containing protein 1	UBXN1		F6W1J6	0,132604966	0,704333008
Q7KZ85	Transcription elongation factor SPT6 (hSPT6)	SUPT6H		G7NGK3	0,133063633	0,110147629
O15240	Neurosecretory protein VGF	VGF		A0A1D5R9W4	0,133478943	0,615208641
Q96FN4	Copine-2	CPNE2		F6W9H8	0,133481315	0,443472048
G3V457	Poly(A) polymerase alpha	PAPOLA		H9FP34	0,134914601	0,282924687
Q96F85	CB1 cannabinoid receptor-interacting protein 1 (CRIP-1)	CNRIP1		F7HHM6	0,134991943	0,819193218
P62269	40S ribosomal protein S18	RPS18		G7N7R0	0,135682093	0,598795863
Q8N1N2	Dynactin-associated protein (Full)	DYNAP		F6VUB3	0,13600075	0,016062184
H0YJH7	Lamina-associated polypeptide 2, isoforms beta/gamma	TMPO		F7HAU0	0,136060513	0,41795886
Q24JP5	Transmembrane protein 132A (HSPA5-binding protein 1)	TMEM132A		F7C3R1	0,136266127	0,208784868
Q9UPY5	Cystine/glutamate transporter	SLC7A11		F6WP35	0,136424431	0,700630652
P35610	Sterol O-acyltransferase 1	SOAT1		F6XC62	0,137027752	0,464430635
A0A087WVV1	Proteasome subunit beta type-2	PSMB2		F6XJL9	0,137856557	0,175365402
Q13505	Metaxin-1	MTX1		F6WSI0	0,138753204	0,322936649
Q96L92	Sorting nexin-27	SNX27		F7CIG2	0,139077331	0,451401688
P13073	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	COX4I1		A0A1D5QPJ7	0,139290832	0,369602149
Q14684	Ribosomal RNA processing protein 1 homolog B	RRP1B	92.5%	F7H8G2	0,139482202	0,458045683
Q9NY33	Dipeptidyl peptidase 3	DPP3	98.6%	G7NC55	0,140018157	0,53186787
Q14156	Protein EFR3 homolog A	EFR3A	99.8%	H9FRT5	0,140200314	0,185996049
Q6PJF5	Inactive rhomboid protein 2	RHBDF2		F6Y4X6	0,141471592	0,38591233
P21399	Cytoplasmic aconitate hydratase	ACO1	99.0%	F7HA06	0,141626031	0,03750469
A0A0J9YWL0	Submitted name: Beta/gamma crystallin domain-containing protein 1	CRYBG1	94.6%	F7HIP5	0,141737848	0,325556531
K7EP01	Submitted name: Histone H3.3	H3F3B	95.6%	A0A1D5R944	0,142487087	0,061192176

Q96RT8	Gamma-tubulin complex component 5	TUBGCP5	98.2%	F7GFA2	0,142642472	0,553650222
P26368	Splicing factor U2AF 65 kDa subunit	U2AF2	99.8%	F6RZR0	0,143006224	0,359393903
A0A087WV2 6	Submitted name: Sjogren syndrome nuclear autoantigen 1	SSNA1	98.8%	A0A1D5QT47	0,143322758	0,6576388
A0A087X2I1	Submitted name: 26S proteasome regulatory subunit 10B	PSMC6	70.0%	F6PTM6	0,143342883	0,419456502
O15438	Canalicular multispecific organic anion transporter 2	ABCC3	95.4%	F7F9V4	0,144598379	0,012586536
A0A0B4J1W3	Submitted name: N-alpha-acetyltransferase 15, NatA auxiliary subunit	NAA15	99.5%	F7EDH4	0,145021721	0,249856071
Q5UIP0	Telomere-associated protein RIF1	RIF1	95.3%	F6U9Z7	0,145411633	0,127106929
Q5JRA6	Transport and Golgi organization protein 1 homolog	MIA3	92.4%	F6SJ00	0,145535045	0,445322281
Q5SY16	Polynucleotide 5'-hydroxyl-kinase NOL9	NOL9	88.2%	F7GVZ7	0,145544061	0,187208576
Q15061	WD repeat-containing protein 43	WDR43	98.7%	F6XGL8	0,145985313	0,561320578
O43678	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 2	NDUFA2	97.3%	F6QT06	0,146036137	0,557484925
Q6GMV2	SET and MYND domain-containing protein 5	SMYD5	99.0%	F7FKQ3	0,146532019	0,608186915
O76003	Glutaredoxin-3	GLRX3	99.0%	F7HH37	0,147563587	0,154999792
B7ZLQ5	Submitted name: Probable global transcription activator SNF2L1	SMARCA1		F7F0X3	0,147627148	0,655412148
Q05469	Hormone-sensitive lipase	LIPE	93.1%	F7EWI0	0,14766945	0,183180688
A0A0G2JNW 7	Submitted name: Solute carrier family 12 member 7	SLC12A7	98.2%	F6R182	0,148997711	0,309743526
Q69YN2	CWF19-like protein 1	CWF19L1	96.7%	F6X973	0,149029986	0,099453567
Q9Y617	Phosphoserine aminotransferase	PSAT1	98.1%	F7H2J8	0,150170488	0,674625967
Q86U44	N6-adenosine-methyltransferase catalytic subunit	METTL3	99.6%	F6VDM0	0,150567055	0,537814889
Q9BX68	Histidine triad nucleotide-binding protein 2, mitochondrial	HINT2	95.7%	F7GRL0	0,150569222	0,429358991
O60488	Long-chain-fatty-acid--CoA ligase 4	ACSL4	99.6%	F6Z9U8	0,151195343	0,297010117
Q13200	26S proteasome non-ATPase regulatory subunit 2	PSMD2	99.9%	F6R1X3	0,151521302	0,094916586
P13667	Protein disulfide-isomerase A4	PDIA4	98.0%	H9G279	0,151585706	0,026341952
Q15633	RISC-loading complex subunit TARBP2	TARBP2	99.2%	F6X0I0	0,152138205	0,369317911
Q16531	DNA damage-binding protein 1	Q9NVM6		F7HN48	0,152182296	0,23936974
Q9NVM6	DnaJ homolog subfamily C member 17	DNAJC17	98.4%	A0A1D5R788	0,153176877	0,457596803
P31937	3-hydroxyisobutyrate dehydrogenase, mitochondrial	HIBADH	99.4%	F6W2R9	0,153395036	0,06744814
Q8NBL1	Protein O-glucosyltransferase 1	POGLUT1	99.2%	F7GYD9	0,153823735	0,627975402



A6ND22	Submitted name: 28S ribosomal protein S16, mitochondrial	MRPS16	90.9%	F6W GK3	0,153954119	0,616868612
Q99638	Cell cycle checkpoint control protein RAD9A	RAD9A	98.2%	F7GWR5	0,155513398	0,944287921
P52209	6-phosphogluconate dehydrogenase, decarboxylating	PGD	99.6%	F7GIV7	0,155828695	0,458917462
Q9UBV2	Protein sel-1 homolog 1	SEL1L	99.0%	F6QKZ6	0,156548857	0,36432414
Q4R4I6	Adenylyl cyclase-associated protein 1	CAP1	98.6%	F7FR05	0,157638836	0,057680649
Q16658	Fascin	FSCN1	99.4%	F7EX32	0,157727643	0,330121754
Q9BTU6	Phosphatidylinositol 4-kinase type 2-alpha	PI4K2A	99.6%	A0A1D5QJT5	0,157749207	0,51751544
O14548	Cytochrome c oxidase subunit 7A-related protein, mitochondrial	COX7A2L	97.4%	A0A1D5Q209	0,157814875	0,565038149
P23786	Carnitine O-palmitoyltransferase 2, mitochondrial	CPT2	97.9%	F6S JN6	0,158309989	0,291413003
Q8NHP1	Aflatoxin B1 aldehyde reductase member 4	AKR7L	92.7%	F7HJV1	0,15852934	0,642126008
P98170	E3 ubiquitin-protein ligase XIAP	XIAP	98.8%	H9FTU3	0,158726202	0,632175089
P19256	Lymphocyte function-associated antigen 3	CD58	82.0%	F7HE75	0,158760821	0,793867893
Q8N183	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 2	NDUFAF2	92.9%	F7END8	0,159149492	0,459389724
Q13049	E3 ubiquitin-protein ligase TRIM32	TRIM32	99.5%	F6ZUB8	0,15925392	0,368888672
Q9BWM7	Sideroflexin-3	SFXN3	92.5%	F6Z6E2	0,159678716	0,535302164
Q86VP6	Cullin-associated NEDD8-dissociated protein 1	CAND1	96.8%	F7H6Z9	0,160266841	0,080893812
A0A0A0MRN4	Submitted name: DBIRD complex subunit ZNF326	ZNF326	98.2%	F7F4S6	0,160312571	0,231620436
O15498	Synaptobrevin	YKT6		F6PLE2	0,160323611	0,577501866
Q8NE71	ATP-binding cassette sub-family F member 1	ABCF1	97.0%	F7FXH1	0,16151192	0,234551488
Q96I25	Splicing factor 45	RBM17		F6UDK4	0,16227206	0,752653743
Q6NZI2	Caveolae-associated protein 1	CAVIN1	98.5%	G7NIL2	0,162756353	0,106321393
P20645	Cation-dependent mannose-6-phosphate receptor	M6PR	98.9%	F7DKQ6	0,163073188	0,65626634
Q4KMP7	TBC1 domain family member 10B	TBC1D10B	96.9%	F7EIA1	0,163134972	0,399723714
P55884	Eukaryotic translation initiation factor 3 subunit B	EIF3B	96.8%	F6RP85	0,164468477	0,626293639
Q9Y478	5'-AMP-activated protein kinase subunit beta-1	PRKAB1		F7GTI4	0,165227529	0,508187675
Q9Y2L5	Trafficking protein particle complex subunit 8	TRAPPC8	98.5%	F7DHT0	0,165587623	0,711200462
P42345	Serine/threonine-protein kinase mTOR	MTOR	99.9%	H9ENS2	0,165724466	0,462439928
P28074	Proteasome subunit beta type-5	PSMB5	99.2%	G7MX33	0,166705666	0,413539645
Q99720	Sigma non-opioid intracellular receptor 1	SIGMAR1		F7HC83	0,168630585	0,698899064
Q9P0S9	Transmembrane protein 14C	TMEM14C	97.3%	A0A1D5R9A7	0,169314967	0,729478377

J3QQJ0	Submitted name: SAP30-binding protein	SAP30BP	98.5%	F7DZ34	0,169759447	0,318284791
Q9Y6B6	GTP-binding protein SAR1b	SAR1B	99.5%	F7GU48	0,169768348	0,534224519
Q9Y5J1	U3 small nucleolar RNA-associated protein 18 homolog	UTP18	97.3%	F7B7Q1	0,17007672	0,418353045
P52292	Importin subunit alpha-1	KPNA2		F7DZP0	0,170177233	0,181611978
Q04637-8	Eukaryotic translation initiation factor 4 gamma 1	EIF4G1	98.5%	F7GJF0	0,171137641	0,753378531
Q9NZC3	Glycerophosphodiester phosphodiesterase 1	GDE1	99.1%	F6XK04	0,17163276	0,654961828
P61981	14-3-3 protein gamma	YWHAG		F6XLR8	0,172046092	0,120273807
P09651-2	Heterogeneous nuclear ribonucleoprotein A1	HNRNPA1	98.1%	F6U868	0,172172984	0,547391581
Q05639	Elongation factor 1-alpha 2	EEF1A2	90.8%	F6YH72	0,172230416	0,669741767
P22033	Methylmalonyl-CoA mutase, mitochondrial	MUT	98.7%	A0A1D5Q5J8	0,172518551	0,662348037
Q14626	Interleukin-11 receptor subunit alpha	IL11RA	96.4%	F7H9Z4	0,173136866	0,610787975
P40222	Alpha-taxilin	TXLNA	99.3%	G7MI83	0,173515745	0,569663968
P80217	Interferon-induced 35 kDa protein	IFI35	91.3%	I0FRE9	0,173636944	0,620350812
O75691	Small subunit processome component 20 homolog	UTP20	98.0%	F6S843	0,174318663	0,105908726
Q9Y5B6-2	PAX3- and PAX7-binding protein 1	PAXBP1	98.2%	F7DLV0	0,174798227	0,664410374
P04792	Heat shock protein beta-1	HSPB1		F6XTF7	0,175662249	0,228886252
Q9Y6C9	Mitochondrial carrier homolog 2	MTCH2	99.3%	H9ETT3	0,175802591	0,49179268
Q9GZQ3	COMM domain-containing protein 5	COMM5	96.4%	F7BU70	0,176612492	0,153472445
Q9GZM5	YIPF3	YIPF3	99.1%	F7FAC0	0,177104353	0,802742618
Q96K17	Transcription factor BTF3 homolog 4	BTF3L4		G7MH02	0,177153653	0,510178845
Q86TB9	Protein PAT1 homolog 1	PATL1	98.8%	F7HUF8	0,177248335	0,706575896
O75674	TOM1-like protein 1	TOM1L1	95.7%	F7D0F3	0,178002628	0,213474841
O43292	Glycosylphosphatidylinositol anchor attachment 1 protein	GPAA1	97.0%	F6X2H5	0,178219312	0,412054403
O43447	Peptidyl-prolyl cis-trans isomerase H	PPIH	77.1%	A0A1D5QLH9	0,178281903	0,305261453
Q9NXW2-2	DnaJ homolog subfamily B member 12	DNAJB12	98.7%	H9H3E3	0,181410086	0,271318389
Q8IY81	pre-rRNA processing protein FTSJ3	FTSJ3	91.0%	F7DBM6	0,181517714	0,154955867
Q5VYW8	Submitted name: RNA 3'-terminal phosphate cyclase-like protein	RCL1	93.7%	A0A1D5Q4K8	0,181801304	0,451803844
P17612	cAMP-dependent protein kinase catalytic subunit alpha	PRKACA		H9EQQ4	0,182441455	0,313958974
P14384	Carboxypeptidase M	CPM	96.6%	F6QYY5	0,182899784	0,530526642
O60826	Coiled-coil domain-containing protein 22	CCDC22	98.4%	F7FCZ3	0,183064578	0,327159818
Q8IUI8	Cytokine receptor-like factor 3	CRLF3	99.5%	H9FVG8	0,184273664	0,693358977
P50995	Annexin A11	ANXA11	98.3%	F7G8I3	0,184547561	0,235729521

P53985	Monocarboxylate transporter 1	SLC16A1	96.8%	F7HQX2	0,184867144	0,367998354
Q6P2C8	Mediator of RNA polymerase II transcription subunit 27	MED27	99.7%	F7GN97	0,185525186	0,570578221
O95470	Sphingosine-1-phosphate lyase 1	SGPL1	99.8%	A0A1D5Q9Q4	0,185738703	0,257161734
Q9H7H0	Methyltransferase-like protein 17, mitochondrial	METTL17	93.9%	F7EP83	0,18580871	0,654811031
Q9UIJ7	GTP:AMP phosphotransferase AK3, mitochondrial	AK3	98.7%	F7H3S6	0,185886214	0,139527987
Q12872	Splicing factor, suppressor of white-apricot homolog	SFSWAP	98.4%	F6W9M1	0,186573601	0,387270153
J3KR35	Submitted name: Coiled-coil domain containing 12, isoform CRA a	CCDC12	97.2%	F7G1A8	0,186970585	0,09113847
Q96A35	39S ribosomal protein L24, mitochondrial	MRPL24	94.9%	F7HPI2	0,187307059	0,373537044
O95989	Diphosphoinositol polyphosphate phosphohydrolase 1	NUDT3		F7CRJ0	0,188659954	0,608066211
Q9UL25	Ras-related protein Rab-21	RAB21	98.6%	A0A1D5QIE2	0,189875217	0,28046255
O60476	Mannosyl-oligosaccharide 1,2-alpha-mannosidase IB	MAN1A2	99.0%	A0A1D5Q934	0,190182151	0,508317849
P27487	Dipeptidyl peptidase 4	DPP4	98.0%	F6VRB0	0,190684933	0,418171917
Q9BYG3	MKI67 FHA domain-interacting nucleolar phosphoprotein	NIFK	94.5%	G7NB31	0,190794493	0,196320792
A6NHR9	Structural maintenance of chromosomes flexible hinge domain-containing protein 1	SMCHD1		H9FRZ8	0,190851722	0,008071442
Q9Y2D4	Exocyst complex component 6B	EXOC6B		F7GZR2	0,191427554	0,442204852
O00257	E3 SUMO-protein ligase CBX4	CBX4	98.2%	F7FLH5	0,192139145	0,169016762
Q8IXI1	Mitochondrial Rho GTPase 2	RHOT2	95.3%	F6RI93	0,192407171	0,377246158
Q9NWZ8	Gem-associated protein 8	GEMIN8	95.5%	F7CL46	0,193178699	0,643396086
Q9UJA5	tRNA (adenine(58)-N(1))-methyltransferase non-catalytic subunit TRM6	TRMT6	98.6%	F6RWA5	0,193376263	0,725044826
Q08945	FACT complex subunit SSRP1	SSRP1	99.7%	F7E0V3	0,193960183	0,306624909
P42356	Phosphatidylinositol 4-kinase alpha	PI4KA	99.5%	F6XII4	0,194155335	0,282883851
O78174	Submitted name: HLA-B major histocompatibility complex class I antigen	HLA-B		A0A1D5QN20	0,194204558	0,41992272
P23526	Adenosylhomocysteinase	AHCY	95.8%	F7DC90	0,194206705	0,710936713
Q14258	E3 ubiquitin/ISG15 ligase TRIM25	TRIM25	95.1%	F6VU89	0,194750398	0,069560447
Q12905	Interleukin enhancer-binding factor 2	ILF2		F7HGD2	0,195170471	0,087385678
Q96EL2	28S ribosomal protein S24, mitochondrial	MRPS24	96.4%	A0A1D5QPE4	0,195227574	0,516548735
Q9NYY8	FAST kinase domain-containing protein 2, mitochondrial	FASTKD2	90.9%	F7F3Y0	0,195306587	0,366940148
Q15149	Plectin	PLEC	95.0%	F7ABN9	0,196202546	0,060703693

O75306	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial	NDUFS2	98.0%	F7FBU3	0,196494921	0,422495279
Q15067	Peroxisomal acyl-coenzyme A oxidase 1	ACOX1	98.4%	F7D4I7	0,196574861	0,076800849
P02751-14	Fibronectin	FN1	98.7%	F7FHW4	0,197214263	0,214978731
Q9NXD2	Myotubularin-related protein 10	MTMR10	96.9%	F6X8Z0	0,197418387	0,251367229
Q9Y3L5	Ras-related protein Rap-2c	RAP2C		F6VPD5	0,198377297	0,519636007
A0A087WZT3	Submitted name: Bola-like protein 2	BOLA2	92.8%	F7EE67	0,198741263	0,344157867
Q9UQR1	Zinc finger protein 148	ZNF148	99.9%	F6RGP6	0,199435148	0,395033639
Q9UPU9	Protein Smaug homolog 1	SAMD4A	98.9%	A0A1D5RBE2	0,200319796	0,717103509
Q13823	Nucleolar GTP-binding protein 2	GNL2	97.9%	F6VCJ0	0,202082454	0,063070725
M0R2Z9	Submitted name: SURP and G-patch domain-containing protein 2	SUGP2	96.8%	F7CNH3	0,202337167	0,795594437
Q5W0S4	Submitted name: UV excision repair protein RAD23 homolog B	RAD23B	98.8%	F7HIB3	0,203613734	0,212407592
P20700	Lamin-B1	LMNB1	99.1%	F6Q273	0,203698211	0,033611782
P08238	Heat shock protein HSP 90-beta	HSP90AB1	99.9%	F7GST0	0,204292284	0,146494862
Q9NV06	DDB1- and CUL4-associated factor 13	DCAF13	97.8%	F7B9G5	0,205107533	0,271745231
Q03252	Lamin-B2	LMNB2	98.9%	F6R7X5	0,205553909	0,000923032
P23381	Tryptophan--tRNA ligase, cytoplasmic	WARS	97.0%	F6QVP0	0,205982438	0,117491187
O75521	Enoyl-CoA delta isomerase 2, mitochondrial	ECI2	93.4%	F7HIZ2	0,206769596	0,488419289
Q15527	Surfeit locus protein 2	SURF2	94.9%	F6ZCI4	0,207448651	0,086733954
Q17RN3	Protein FAM98C	FAM98C	96.4%	H9H462	0,208213154	0,064802541
O00592-2	Podocalyxin	PODXL	77.4%	F7HPD4	0,208345605	0,242985686
P21964	Catechol O-methyltransferase	COMT	91.9%	F6QFW9	0,20859185	0,358523336
Q2NKX8	DNA excision repair protein ERCC-6-like	ERCC6L	97.7%	A0A1D5R4A8	0,208830825	0,209978739
E9LUH4	Methyl-CpG-binding protein 2	MECP2	97.4%	F7GKH5	0,208849075	0,26786571
Q7L1Q6	Basic leucine zipper and W2 domain-containing protein 1	BZW1	99.8%	F6ZFX8	0,208934039	0,073476833
Q92747	Actin-related protein 2/3 complex subunit 1A	ARPC1A	98.6%	F6PVY4	0,209084746	0,3573631
Q9P287	BRCA2 and CDKN1A-interacting protein	BCCIP	94.6%	F6UR50	0,209180674	0,356807462
Q15029	116 kDa U5 small nuclear ribonucleoprotein component	EFTUD2	99.9%	G7NIZ0	0,209209092	0,012077488
P43686	26S proteasome regulatory subunit 6B	PSMC4		F7HIL8	0,209844676	0,245304621
O00151	PDZ and LIM domain protein 1	PDLIM1	98.8%	F6YRD0	0,210228869	0,337534643

P20962	Parathymosin	PTMS		H9FXQ3	0,210919602	0,804005629
Q03701	CCAAT/enhancer-binding protein zeta	CEBPZ	96.0%	F7GTT7	0,212371993	0,10855474
P12004	Proliferating cell nuclear antigen	PCNA		F6ZD63	0,212884009	0,057181813
O95373	Importin-7	IPO7	92.2%	F7H1R6	0,212924314	0,342586392
Q9NWO8	Phosphoprotein associated with glycosphingolipid-enriched microdomains 1	PAG1	96.1%	F7EDD7	0,21364754	0,717129891
Q9BXY0	MAK16 homolog	MAK16	97.3%	F6QME5	0,215583467	0,072308058
Q6IBS0	Twinfilin-2	TWF2	99.4%	F6UZG1	0,216542947	0,58727239
Q02809	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1	PLOD1	98.1%	F7ALL1	0,216626035	0,183697096
P19474	E3 ubiquitin-protein ligase TRIM21	TRIM21	95.8%	F7C1A0	0,216634334	0,739986177
O00139	Kinesin-like protein KIF2A	KIF2A	99.7%	A0A1D5QCA7	0,217011419	0,608753533
P07910	Heterogeneous nuclear ribonucleoproteins C1/C2	HNRNPC	80.5%	A0A1D5R1J4	0,217659766	0,527729384
P26640	Valine--tRNA ligase	VAR5	99.0%	G7MRK4	0,218242689	0,017206455
H0YC83	Submitted name: H/ACA ribonucleoprotein complex subunit 2	NHP2	98.8%	F6XVA9	0,218374731	0,330429117
Q13042	Cell division cycle protein 16 homolog	CDC16	99.4%	F6SWK5	0,218603681	0,326715198
Q8N3V7	Synaptopodin	SYNPO	97.5%	F6PL92	0,218607585	0,627127597
Q8TEQ6	Gem-associated protein 5	GEMIN5	97.4%	F7HTP5	0,218659336	0,261834384
P17812	CTP synthase 1	CTPS1	99.5%	F7H5B5	0,218780297	0,270657998
Q9H223	EH domain-containing protein 4	EHD4	99.4%	F7HAE5	0,218877811	0,267381402
Q96IV0	Peptide-N(4)-(N-acetyl-beta-glucosaminyl)asparagine amidase	NGLY1	96.9%	F6WC45	0,219244327	0,640104608
P12236	ADP/ATP translocase 3	SLC25A6		H9EM10	0,219925558	0,469968284
O60292	Signal-induced proliferation-associated 1-like protein 3	SIPA1L3	98.4%	F7E7D0	0,221557655	0,263225803
Q6ZT21	Transmembrane protein with metallophosphoesterase domain	TMPPE	98.2%	F7GKC7	0,221711296	0,239508632
P62195	26S proteasome regulatory subunit 8	PSMC5		G7NJ84	0,222372956	0,054347524
Q96GK7	Fumarylacetoacetate hydrolase domain-containing protein 2A	FAHD2A	91.4%	F6T4J4	0,222414552	0,371039487
Q96M27	PRRC1	PRRC1	96.3%	F7GWU2	0,222596456	0,384605793
Q13084	39S ribosomal protein L28, mitochondrial	MRPL28	96.1%	F6Y8S5	0,224222884	0,215618541
Q92665	28S ribosomal protein S31, mitochondrial	MRPS31	89.4%	F7FX49	0,224806093	0,026853965
Q9NRL3	Striatin-4	STRN4	90.2%	A0A1D5QZ35	0,22767529	0,490766498
E9PI21	Submitted name: Very-long-chain 3-oxoacyl-CoA reductase	HSD17B12	97.6%	A0A1D5Q1P0	0,227841793	0,460192544

P30101	Protein disulfide-isomerase A3	PDIA3	99.2%	F6W4X0	0,228120679	0,032528479
E7ETY2	Submitted name: Treacle protein	TCOF1	93.8%	A0A1D5RKQ9	0,228369304	0,061226117
Q13451	Peptidyl-prolyl cis-trans isomerase FKBP5	FKBP5	98.2%	G7MRT5	0,228565342	0,088283409
Q8NCG7	Sn1-specific diacylglycerol lipase beta	DAGLB	98.7%	F6T9G9	0,229001523	0,657373849
Q13232	Nucleoside diphosphate kinase 3	NME3	98.8%	A0A1D5R9J9	0,229029817	0,057348764
Q99653	Calcineurin B homologous protein 1	CHP1		A0A1D5R6I4	0,230165701	0,191319807
Q9BXB4	Oxysterol-binding protein-related protein 11	OSBPL11	97.6%	F7H2Z4	0,23035014	0,404083261
Q9UNS2	COP9 signalosome complex subunit 3	COPS3		G7NJ13	0,232716464	0,415733086
P61106	Ras-related protein Rab-14	RAB14		A0A1D5R8E2	0,232797115	0,758920536
P40938	Replication factor C subunit 3	RFC3	99.7%	F7E8F3	0,232874866	0,020781215
Q9BVT8	Transmembrane and ubiquitin-like domain-containing protein 1	TMUB1	98.4%	F6VS37	0,233022032	0,693262014
P30049	ATP synthase subunit delta, mitochondrial	ATP5D	97.6%	F7ERL9	0,233177572	0,305263337
Q14241	Elongin-A	ELOA	94.8%	F7EJS2	0,233630023	0,483311218
P07305	Histone H1.0	H1F0	99.5%	A0A1D5RJF7	0,234041654	0,268995411
Q6UWP7	Lysocardiolipin acyltransferase 1	LCLAT1	97.6%	F6QWR0	0,234686374	0,021624487
P38117	Electron transfer flavoprotein subunit beta	ETFB	98.8%	A0A1D5Q SX6	0,235076265	0,033196023
Q99848	Probable rRNA-processing protein EBP2	EBNA1BP2	98.4%	F7H747	0,235198121	0,088556189
Q14974	Importin subunit beta-1	KPNB1	98.3%	F7AAQ3	0,235957955	0,11488484
Q9HCS7	Pre-mRNA-splicing factor SYF1	XAB2	99.9%	H9FXD5	0,236241864	0,198745635
Q96AY3	Peptidyl-prolyl cis-trans isomerase FKBP10	FKBP10	98.5%	F7H5Q0	0,23719945	0,059550538
J3QK89	Submitted name: Calcium homeostasis endoplasmic reticulum protein	CHERP	96.0%	F7GVS3	0,23745857	0,059260983
Q92466-4	DNA damage-binding protein 2	DDB2	98.3%	F6U6D5	0,237475411	0,736060749
O60231	Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX16	DHX16	99.4%	Q5TM65	0,237534479	0,015563624
P51858	Hepatoma-derived growth factor	HDGF	97.1%	H9EWD6	0,238501902	0,169569804
P35658	Nuclear pore complex protein Nup214	NUP214	97.2%	H9EWA1	0,239029426	0,021861636
E9PNR2	Submitted name: Ras and Rab interactor 1	RIN1	96.4%	F6XMS0	0,239734641	0,305458748
Q9HCD5	Nuclear receptor coactivator 5	NCOA5	99.3%	F7FXV9	0,239990571	0,210553252
Q9H2M9	Rab3 GTPase-activating protein non-catalytic subunit	RAB3GAP2	98.9%	F7GDQ3	0,240426115	0,206295722
Q9UHV9	Prefoldin subunit 2	PFDN2		F6V169	0,240498713	0,143386225
O94760	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1	DDAH1		F7HB67	0,240502829	0,352246464



F8WCR5	Submitted name: NipSnap homolog 1	NIPSNAP 1	96.8%	A0A1D5RFW8	0,241180465	0,468936217
Q5JVS0-2	Intracellular hyaluronan-binding protein 4	HABP4	98.4%	F6WF23	0,242359922	0,496852126
O94822	E3 ubiquitin-protein ligase listerin	LTN1	97.8%	F6SDK4	0,243246791	0,267853499
Q92917	G-patch domain and KOW motifs-containing protein	GPKOW	96.2%	F7D1Q6	0,243457209	0,60013259
Q14444	Caprin-1	CAPRIN1		F7FA40	0,243966561	0,505991812
P21953	2-oxoisovalerate dehydrogenase subunit beta, mitochondrial	BCKDHB	99.4%	F6QJG4	0,244351037	0,465133112
P26885	Peptidyl-prolyl cis-trans isomerase FKBP2	FKBP2	98.6%	A0A1D5QSN2	0,244866478	0,167968304
A0A024RAR8	Aminopeptidase	ARTS-1	96.7%	A0A1D5Q8U0	0,245561796	0,356133656
E9PLX3	Submitted name: Ragulator complex protein LAMTOR5	LAMTOR 5		F6V595	0,246195781	0,035783611
Q9BV86	N-terminal Xaa-Pro-Lys N-methyltransferase 1	NTMT1		F7HMB4	0,246451661	0,246171217
Q6UVK1	Chondroitin sulfate proteoglycan 4	CSPG4	95.5%	F7GL19	0,24737579	0,596186468
Q9Y3D6	Mitochondrial fission 1 protein	FIS1		F7CD22	0,24802021	0,2534542
P05387	60S acidic ribosomal protein P2	RPLP2	94.8%	F6QZD2	0,248227716	0,816569929
B7ZKR9	DNA-directed RNA polymerase subunit	POLR1A	97.7%	F7AG21	0,248535896	0,211752584
P10412	Histone H1.4	HIST1H1E	99.5%	F7HAN9	0,249256168	0,389987433
O00625	Pirin	PIR	99.0%	F6S6S2	0,249610745	0,142886514
Q96GS4	BLOC-1-related complex subunit 6	BORCS6	95.8%	F6U3R2	0,250132961	0,40293136
A6NM71	PRA1 family protein	WDR45	99.0%	F7CML6	0,250179673	0,437681616
Q9UHG3	Prenylcysteine oxidase 1	PCYOX1	98.4%	F7HQU2	0,250533598	0,035783087
Q9UKX7	Nuclear pore complex protein Nup50	NUP50	96.8%	F6YDF5	0,250762049	0,119438706
Q86U28	Iron-sulfur cluster assembly 2 homolog, mitochondrial	ISCA2	97.4%	H9EW17	0,250863798	0,53822804
Q9BW91	ADP-ribose pyrophosphatase, mitochondrial	NUDT9	95.1%	G7MTD1	0,251633553	0,47259819
A6NKG5	Retrotransposon-like protein 1	RTL1	96.0%	F7G2J3	0,251866132	0,017151574
F8WEW2	Submitted name: Actin-related protein 3	ACTR3		A0A1D5RBT0	0,25248645	0,497284676
Q86SX6	Glutaredoxin-related protein 5, mitochondrial	GLRX5	84.4%	A0A1D5Q3Q1	0,2526877	0,364454229
Q96GW9	Methionine--tRNA ligase, mitochondrial	MARS2	97.1%	F7HR31	0,252873991	0,040306703
O95476	CTD nuclear envelope phosphatase 1	CTDNEP1		H9EQ03	0,252982541	0,560751656
Q9NYL2	GeneMAP3K20	MAP3K20		F7FLS9	0,253215299	0,262660858
A0A0G2JQF4	Submitted name: KAT8 regulatory NSL complex subunit 1	KANSL1	99.3%	F7CBY7	0,253476612	0,277967827
Q9H4G0	Band 4.1-like protein 1	EPB41L1	99.4%	F7CBA0	0,25354894	0,267245675
O43395	U4/U6 small nuclear ribonucleoprotein Prp3	PRPF3	99.0%	F7GUG7	0,253616937	0,106458214

Q12972	Nuclear inhibitor of protein phosphatase 1	PPP1R8	99.7%	F7E1T5	0,254392754	0,160232354
P41223	Protein BUD31 homolog	BUD31	99.1%	F7ACM0	0,254477391	0,128367213
P13984	General transcription factor IIF subunit 2	GTF2F2	98.8%	H9ERZ5	0,254713368	0,267495349
Q9NUW8	Tyrosyl-DNA phosphodiesterase 1	TDP1	96.5%	F7GLF5	0,254950128	0,3079684
Q5JVF3	PCI domain-containing protein 2	PCID2	99.5%	H9EUI7	0,255508235	0,542739431
Q9UKN8	General transcription factor 3C polypeptide 4	GTF3C4	99.5%	F6YQC3	0,255806872	0,095283991
P17301	Integrin alpha-2	ITGA2	98.3%	F6W6R0	0,25633148	0,129821206
P49589	Cysteine--tRNA ligase, cytoplasmic	CARS	97.6%	H9ZE52	0,256388712	0,12631507
P12956	X-ray repair cross-complementing protein 6	XRCC6	99.2%	H9ET71	0,256680928	0,508447751
P61221	ATP-binding cassette sub-family E member 1	ABCE1		F7GPG0	0,2568026	0,00567925
Q99442	Translocation protein SEC62	SEC62	99.2%	F6TBV4	0,257070153	0,104459168
Q9NPQ8-3	Synembryn-A	RIC8A	97.6%	F7D1Y9	0,258862432	0,093546105
P05783	Keratin, type I cytoskeletal 18	KRT18	99.1%	F6VBK4	0,258944007	0,071714766
Q9P2J5	Leucine--tRNA ligase, cytoplasmic	LARS	98.6%	F6VKE8	0,260888973	0,010588618
Q13190	Syntaxin-5	STX5	99.4%	F7BHP2	0,260978847	0,271509786
P21281	V-type proton ATPase subunit B, brain isoform	ATP6V1B2	99.8%	F7GLJ4	0,2610698	0,138251701
Q15050	Ribosome biogenesis regulatory protein homolog	RRS1	97.8%	F6T893	0,261211914	0,219817739
P54136	Arginine--tRNA ligase, cytoplasmic	RARS	97.6%	F7ED88	0,26121948	0,553086668
Q13162	Peroxiredoxin-4	PRDX4	99.5%	A0A1D5Q449	0,262296608	0,335676117
O43665	Regulator of G-protein signaling 10	RGS10	99.4%	F7ELE2	0,26450632	0,265295377
P08579	U2 small nuclear ribonucleoprotein B"	SNRPB2	99.1%	F7GH69	0,264607021	0,189708343
Q9BVJ7	Dual specificity protein phosphatase 23	DUSP23		F7HEX0	0,265582599	0,287737813
Q14517	Protocadherin Fat 1	FAT1	95.0%	F7HLC0	0,266915917	0,472108199
Q7Z7H5	Transmembrane emp24 domain-containing protein 4	TMED4	98.2%	F7H512	0,267893101	0,062656767
Q8WXE0	Caskin-2	CASKIN2	98.0%	F7H5Q2	0,268160789	0,269508724
Q13242	Serine/arginine-rich splicing factor 9	SRSF9	94.9%	F7G4A1	0,268256618	0,415175209
P35221	Catenin alpha-1	CTNNA1	75.2%	A0A1D5QZ43	0,268329201	0,08928928
Q2TAA2	Isoamyl acetate-hydrolyzing esterase 1 homolog	IAH1	98.8%	F7EV90	0,268762546	0,145455047
P02649	Apolipoprotein E	APOE	93.7%	I2CYL7	0,268814911	0,16649058
P31947	14-3-3 protein sigma	SFN	99.6%	G7MHX1	0,269129598	0,096869047
Q9Y2X3	Nucleolar protein 58	NOP58	99.4%	F6ZQ04	0,269256108	0,389946243
P51116	Fragile X mental retardation syndrome-related protein 2	FXR2	99.9%	F6ZDG6	0,271028899	0,053545147
Q9HAB8	Phosphopantothenate--cysteine ligase	PPCS	97.8%	F6ZGL8	0,271814998	0,630536771
P52756	RNA-binding protein 5	RBM5	99.9%	F7CDY6	0,272005027	0,466917464

Q9NS69	Mitochondrial import receptor subunit TOM22 homolog	TOMM22		F6YG80	0,272249194	0,030110621
Q92922	SWI/SNF complex subunit SMARCC1	SMARCC1	99.0%	F7HJJ3	0,27236735	0,205953093
Q8NC60	Nitric oxide-associated protein 1	NOA1	94.0%	F6YGF5	0,272443892	0,199471329
O00116	Alkylidihydroxyacetonephosphate synthase, peroxisomal	AGPS	98.5%	F6TGL3	0,272626744	0,088213752
O00258	Tail-anchored protein insertion receptor WRB	WRB		F7BF39	0,273175313	0,282572416
P29034	Protein S100-A2	S100A2	98.0%	F7GDD5	0,273542698	0,080726407
Q7Z5G4	Golgin subfamily A member 7	GOLGA7		F7FQR1	0,273726575	0,052702438
A0A087WT44	Submitted name: Heme oxygenase 2	HMOX2	92.3%	A0A1D5R7H0	0,274209131	0,315603103
Q8N6Y2	Leucine-rich repeat-containing protein 17	LRRC17	98.6%	F7DIW0	0,274832385	0,148869156
Q9NWU1	3-oxoacyl-[acyl-carrier-protein] synthase, mitochondrial	OXSM	96.8%	F6W670	0,27569595	0,238410922
Q96CW1	AP-2 complex subunit mu	AP2M1		H9FPP5	0,276470222	0,447644838
P31930	Cytochrome b-c1 complex subunit 1, mitochondrial	UQCRC1	98.1%	F6PJS7	0,277134213	0,26653245
Q8NFH3	Nucleoporin Nup43	NUP43	98.4%	F6WY15	0,277698683	0,036853138
P11169	Solute carrier family 2, facilitated glucose transporter member 3	SLC2A3	97.8%	F7GQZ6	0,277942083	0,491429855
Q92541	RNA polymerase-associated protein RTF1 homolog	RTF1	99.9%	F6SCU9	0,278104309	0,08077221
Q9Y6M1-1	Insulin-like growth factor 2 mRNA-binding protein 2	IGF2BP2	84.4%	A0A1D5R805	0,278560047	0,529571834
P35626	Beta-adrenergic receptor kinase 2	GRK3	97.8%	F7HT93	0,27867805	0,800666893
P05026	Sodium/potassium-transporting ATPase subunit beta-1	ATP1B1	98.0%	F7GY84	0,278901419	0,453009067
P09651	Heterogeneous nuclear ribonucleoprotein A1	HNRNPA1		F7HT55	0,279168045	0,288538215
Q96CB8	Integrator complex subunit 12	INTS12	98.9%	A0A1D5QJ06	0,2792353	0,254942879
Q9Y2V2	Calcium-regulated heat-stable protein 1	CARHSP1	98.6%	F7F6H6	0,279920751	0,023110074
P23921	Ribonucleoside-diphosphate reductase large subunit	RRM1	99.4%	F6Z9D7	0,280098689	0,015431069
Q15645	Pachytene checkpoint protein 2 homolog	TRIP13	94.4%	F7G4N1	0,280352668	0,163185557
P50583	Bis(5'-nucleosyl)-tetrakisphosphate [asymmetrical]	NUDT2	96.6%	F7HUI7	0,280727029	0,294536102
Q9BQG2	Peroxisomal NADH pyrophosphatase NUDT12	NUDT12	98.1%	F7H9P5	0,281050578	0,145771579
Q15022	Polycomb protein SUZ12	SUZ12	99.8%	F6PUM4	0,281278382	0,120872403
Q5BJF2	Sigma intracellular receptor 2	TMEM97	98.3%	G7NGI6	0,281527383	0,422773528
Q9UHL4	Dipeptidyl peptidase 2	DPP7	95.5%	F7GCQ1	0,282194648	0,012035244
D3DNF9	Sodium/potassium-transporting ATPase subunit beta	ATP1B3	99.2%	A0A1D5RGN4	0,282349742	0,097832262
Q9Y6A4	Cilia- and flagella-associated protein 20	CFAP20		F7BVN4	0,284064811	0,27482456

Q8NBN7	Retinol dehydrogenase 13	RDH13	98.2%	H9H4A2	0,28433659	0,352555283
Q96I59	Probable asparagine--tRNA ligase, mitochondrial	NARS2	95.8%	G7NEF6	0,284508762	0,232523355
O00483	Cytochrome c oxidase subunit NDUFA4	NDUFA4	92.6%	Q3YAJ5	0,284544122	0,492097922
Q16222	UDP-N-acetylhexosamine pyrophosphorylase	UAP1	99.0%	F7CXU2	0,285565859	0,163782612
Q8NEN9	PDZ domain-containing protein 8	PDZD8		A0A1D5QFW6	0,285940197	0,362401696
H0Y9N9	Submitted name: Lipopolysaccharide-responsive and beige-like anchor protein	LRBA	86.6%	A0A1D5Q9R0	0,287039676	0,65589392
Q9H9H4	Vacuolar protein sorting-associated protein 37B	VPS37B	97.9%	A0A1D5QWC6	0,287217023	0,139885866
Q9NP81	Serine--tRNA ligase, mitochondrial	SARS2	95.0%	H9EXI9	0,287253951	0,055826404
P14923	Junction plakoglobin	JUP	99.9%	F7H7V0	0,28768999	0,236281563
Q15397	Pumilio homolog 3	PUM3	97.5%	F7C020	0,287787194	0,269311843
P54619	5'-AMP-activated protein kinase subunit gamma-1	PRKAG1	99.7%	H9EQE8	0,288865597	0,517066965
Q6NVC0	Submitted name: SLC25A5 protein	SLC25A5	96.2%	F7GUA1	0,289421939	0,567214041
Q9BU76	Multiple myeloma tumor-associated protein 2	MMTAG2	97.3%	F7GI10	0,289602017	0,428212829
A0A087WYR0	Submitted name: Signal recognition particle 19 kDa protein	SRP19	99.2%	A0A1D5R1Y1	0,28982971	0,331168038
P37837	Transaldolase	TALDO1	98.5%	F6QDW4	0,290161728	0,010607721
Q8N201	Integrator complex subunit 1	INTS1	98.4%	F7E4F3	0,290290704	0,055328329
O96007	Molybdopterin synthase catalytic subunit	MOCS2	96.2%	F6W6P8	0,290568314	0,054564226
O15127	Secretory carrier-associated membrane protein 2	SCAMP2	97.6%	H9FND7	0,290878112	0,231133498
G3V256	Submitted name: Zinc finger CCCH domain-containing protein 14	ZC3H14	99.7%	F6Q8I2	0,291824534	0,642724535
O94913	Pre-mRNA cleavage complex 2 protein Pcf11	PCF11	78.8%	F7ASL5	0,292747801	0,046909268
P46060	Ran GTPase-activating protein 1	RANGAP1	96.9%	F6XVQ7	0,293816894	0,151562043
A0A024QZ48	Submitted name: Integrator complex subunit 2, isoform CRA a	INTS2	99.5%	F7FH56	0,297190087	0,297996586
P27797	Calreticulin	CALR	90.1%	F7FMQ2	0,297846514	0,668039515
Q8IY33	MICAL-like protein 2	MICALL2	89.5%	F7E845	0,29808023	0,632207941
P23246	Splicing factor, proline- and glutamine-rich	SFPQ	99.6%	F6SSM0	0,300001088	0,059666922
O14646	Chromodomain-helicase-DNA-binding protein 1	CHD1	85.3%	F7C8A6	0,30009819	0,439747184
Q7L8L6	FAST kinase domain-containing protein 5, mitochondrial	FASTKD5	94.6%	F7GW50	0,301370125	0,264996811
Q9BXF6	Rab11 family-interacting protein 5	RAB11FIP5	98.7%	F7AFF0	0,301703591	0,13397568
Q9GZQ8	Microtubule-associated proteins 1A/1B light chain 3B	MAP1LC3B		F7HI62	0,303450244	0,112741207

Q8NEU8	DCC-interacting protein 13-beta	APPL2	98.2%	F6YLP1	0,303507058	0,026083079
O00541	Pescadillo homolog	PES1	98.6%	F6WSE9	0,303538697	0,013985023
Q9Y6M9	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 9	NDUFB9	94.9%	F6SCE9	0,304750356	0,173830534
O60783	28S ribosomal protein S14, mitochondrial	MRPS14	99.2%	F7GV86	0,305832016	0,335262486
Q13523	Serine/threonine-protein kinase PRP4 homolog	PRPF4B	99.1%	H9G1E3	0,305963396	0,02468151
A0A0G2JIA5	Submitted name: Valine--tRNA ligase, mitochondrial	VAR52	96.8%	F7BX36	0,306187234	0,106448097
Q8NCN5	Pyruvate dehydrPyruvate dehydrogenase phosphatase regulatory subunit, mitochondrial	PDPR	99.2%	F6RY22	0,306726687	0,198731949
P08582	Melanotransferrin	MELTF	95.5%	F6VPZ9	0,306736526	0,01300754
Q9Y3B4	Splicing factor 3B subunit 6	SF3B6		A0A1D5RF54	0,307306171	0,563519134
P78346	Ribonuclease P protein subunit p30	RPP30	98.9%	F7H469	0,308038555	0,566946018
Q92522	Histone H1x	H1FX	99.1%	F6Z1X9	0,308054667	0,026222623
Q9P265	Disco-interacting protein 2 homolog B	DIP2B	99.5%	F7HDY8	0,308318032	0,16610519
Q15233	Non-POU domain-containing octamer-binding protein	NONO		F6UC36	0,308331195	0,035062218
P12268	Inosine-5'-monophosphate dehydrogenase 2	IMPDH2	98.5%	F6VXT4	0,309076761	0,061031135
P10620	Microsomal glutathione S-transferase 1	MGST1	92.9%	F7C0H2	0,310001953	0,392910179
D3DTX6	Submitted name: Neurabin-2	PPP1R9B	98.9%	F7G993	0,311052248	0,359234032
Q9NVQ4	Fas apoptotic inhibitory molecule 1	FAIM	96.6%	F7F3U0	0,311155815	0,616862396
Q96PU8	quaking	QKI	74.8%	A0A1D5RKF9	0,311296171	0,280433783
Q12907	Vesicular integral-membrane protein VIP36	LMAN2	99.4%	F7FQ55	0,311884235	0,077479615
Q9Y5Q9	General transcription factor 3C polypeptide 3	GTF3C3	99.0%	F7F8I5	0,312640614	0,047645805
P63167	Dynein light chain 1, cytoplasmic	DYNLL1		H9H2R0	0,314057514	0,271537778
Q8NFH4	Nucleoporin Nup37	NUP37		F7FLP6	0,314059503	0,318334778
Q92759	General transcription factor IIH subunit 4	GTF2H4		F6Y6M6	0,31507316	0,337937281
Q9Y291	28S ribosomal protein S33, mitochondrial	MRPS33	95.3%	F7HBG1	0,315148105	0,361951862
Q9NRV9	Heme-binding protein 1	HEBP1	98.9%	F6UQB6	0,315314484	0,252350031
Q8NHZ8	Anaphase-promoting complex subunit CDC26	CDC26	98.8%	F6VD10	0,315425422	0,315724065
Q9H8H3	Methyltransferase-like protein 7A	METT17A	92.6%	F6X1K2	0,316225321	0,310548304
Q8TED0	U3 small nucleolar RNA-associated protein 15 homolog	UTP15	99.4%	F7DXL1	0,316607717	0,106070816
Q9Y276	Mitochondrial chaperone BCS1	BCS1L	98.6%	F7HF82	0,316938902	0,101742469
P26006	Integrin alpha-3	ITGA3	98.4%	F7HLW8	0,317918321	0,033900329
Q9Y5A7	NEDD8 ultimate buster 1	NUB1	96.9%	F7H5E5	0,317991709	0,187952336
P55081	Microfibrillar-associated protein 1	MFAP1	96.3%	A0A1D5Q3Y8	0,318376319	0,268898209

A0A024R7U6	DNA helicase	MCM4	99.1%	F6SNE5	0,319207546	0,020606148
P30040	Endoplasmic reticulum resident protein 29	ERP29	98.1%	A0A1D5QN23	0,319406758	0,019928509
Q8WWH5	Probable tRNA pseudouridine synthase 1	TRUB1	97.7%	F7FWZ2	0,319702809	0,231722548
Q14566	DNA replication licensing factor MCM6	MCM6	99.8%	A0A1D5R126	0,320016955	0,332730732
P46063	ATP-dependent DNA helicase Q1	RECQL	99.1%	F7G353	0,321870496	0,187817138
Q8TB37	Iron-sulfur protein NUBPL	NUBPL	97.5%	A0A1D5R8A7	0,323361683	0,404115621
Q9BS26	Endoplasmic reticulum resident protein 44	ERP44	99.5%	H9EUJ3	0,325649663	0,311335761
Q9HBH1	Peptide deformylase, mitochondrial	PDF	95.1%	F6TW15	0,326393655	0,074474983
Q8ND24	RING finger protein 214	RNF214	97.0%	F6WWP1	0,326706706	0,432522067
Q5VWJ9	Sorting nexin-30	SNX30	99.8%	F7GDT2	0,326967528	0,338332625
Q96FH0	BLOC-1-related complex subunit 8	BORCS8		A0A1D5R9Y5	0,327251633	0,144442641
Q9Y3B8	Oligoribonuclease, mitochondrial	REXO2	99.2%	F6UYS2	0,327447727	0,244732844
O43156	TELO2-interacting protein 1 homolog	TTI1	97.2%	F6ZTW9	0,327472026	0,340879018
Q01804	OTU domain-containing protein 4	OTUD4	98.7%	A0A1D5QKQ9	0,327613559	0,162047743
H3BLU7	Submitted name: Aflatoxin B1 aldehyde reductase member 2	AKR7A2	95.5%	F7FSG0	0,329055451	0,039086442
Q86U42	Polyadenylate-binding protein 2	PABPN1	91.5%	A0A1D5QP94	0,329261193	0,340370465
Q9P2B2	Prostaglandin F2 receptor negative regulator	PTGFRN	98.5%	F7CQ58	0,329633982	0,004707092
O75083	WD repeat-containing protein 1	WDR1	99.2%	H9ET64	0,329679909	0,429306631
P07738	Bisphosphoglycerate mutase	BPGM	88.0%	F6Q944	0,329840228	0,096921166
Q9Y4Z0	U6 snRNA-associated Sm-like protein Lsm4	LSM4		H9ENV5	0,330762492	0,075856917
Q8IVT2	Mitotic interactor and substrate of PLK1	MISP	90.1%	F6WMF1	0,330821296	0,102457244
Q9NS00	Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1	C1GALT1	97.5%	A0A1D5R280	0,331071918	0,33043249
Q9BQC6	Ribosomal protein 63, mitochondrial	MRPL57	97.1%	F6VXN0	0,331112187	0,276039046
P46109	Crk-like protein	CRKL		A0A1D5Q619	0,33162875	0,009787678
Q8TD16	bicaudal D homolog 2	BICD2	98.8%	F6QN54	0,332713236	0,179366354
Q9H967	WD repeat-containing protein 76	WDR76	95.7%	F7G8Z8	0,335117851	0,457320803
Q969E2	Secretory carrier-associated membrane protein 4	SCAMP4	95.9%	F6RMW8	0,335592483	0,044110561
P62829	60S ribosomal protein L23	RPL23		A0A1D5R3G7	0,335596591	0,140440528
O94979	Protein transport protein Sec31A	SEC31A	98.3%	F6TGH7	0,335698009	0,252091879
P57081	tRNA (guanine-N(7)-)-methyltransferase non-catalytic subunit WDR4	WDR4	96.1%	A0A1D5QVA3	0,336077154	0,041054197
Q8IY37	Probable ATP-dependent RNA helicase DHX37	DHX37	96.8%	F7F112	0,337698142	0,009434795
Q8WYP5-3	Protein ELYS	AHCTF1	95.3%	F7FYF6	0,338233458	0,222203505
P18754	Regulator of chromosome condensation	RCC1	98.7%	F7H672	0,338481756	0,013669507



P62314	Small nuclear ribonucleoprotein Sm D1	SNRPD1		F6XY31	0,339201757	0,0969291
Q9Y5J7	Mitochondrial import inner membrane translocase subunit Tim9	TIMM9		F6VUA9	0,342181698	0,486293398
Q9BYD1	39S ribosomal protein L13, mitochondrial	MRPL13	98.9%	F7HQC8	0,343051646	0,033934589
Q9UFC0	Leucine-rich repeat and WD repeat-containing protein 1	LRWD1	97.5%	F7GYC7	0,343199726	0,390711206
Q14956-2	Transmembrane glycoprotein NMB	GNMB	95.9%	F7E7X4	0,343392421	0,23466593
P55145	Mesencephalic astrocyte-derived neurotrophic factor	MANF		A0A1D5Q7D1	0,343916936	0,005341564
Q96H20	Vacuolar-sorting protein SNF8	SNF8	91.9%	F7GY26	0,345125452	0,650785587
O15269	Serine palmitoyltransferase 1	SPTLC1	99.4%	H9FNT1	0,345221266	0,411773054
P24534	Elongation factor 1-beta	EEF1B2	81.8%	F6QN95	0,345495068	0,153454362
Q8TEQ8	GPI ethanolamine phosphate transferase 3	PIGO	97.5%	F7H2K2	0,346029407	0,154622562
Q15643	Thyroid receptor-interacting protein 11	TRIP11	96.0%	F7HFF2	0,346244663	0,066425717
O43719	HIV Tat-specific factor 1	HTATSF1	97.5%	F7HDT6	0,346391829	0,040664183
Q8TE77	Protein phosphatase Slingshot homolog 3	SSH3	94.8%	F7AK49	0,346541289	0,469334766
Q7Z406	Myosin-14	MYH14	99.2%	F7BS31	0,346906005	0,134327711
Q9H0L4	Cleavage stimulation factor subunit 2 tau variant	CSTF2T	85.9%	A0A1D5R1A9	0,347421012	0,136467339
Q04637	Eukaryotic translation initiation factor 4 gamma 1	EIF4G1	98.6%	F7GJF3	0,347495954	0,410527036
O43422	52 kDa repressor of the inhibitor of the protein kinase	THAP12	96.3%	A0A1D5Q5I5	0,34818006	0,210731431
A0A023HJ61	Submitted name: HRES-1/RAB4 variant	RAB4A	99.2%	A0A1D5QJV6	0,34853086	0,713959093
P10176	Cytochrome c oxidase subunit 8A, mitochondrial	COX8A	81.2%	F6T9S8	0,34884311	0,100153047
Q9NY61	Protein AATF	AATF	96.9%	F7F4Z0	0,349663221	0,38427754
Q96BH1	E3 ubiquitin-protein ligase RNF25	RNF25	88.5%	F7HD77	0,34986087	0,232755224
Q9BVC6	Transmembrane protein 109	TMEM109	95.9%	F7G7E5	0,35049892	0,117824035
P78371	T-complex protein 1 subunit beta	CCT2		F7GQC0	0,350783419	0,173414839
Q86TU7	Histone-lysine N-methyltransferase setd3	SETD3		F7DAH4	0,350873328	0,217487114
P03905	NADH-ubiquinone oxidoreductase chain 4	MT-ND4		Q6IYG9	0,351044386	0,562599858
Q5BJH7	Protein YIF1B	YIF1B	96.6%	F6XG22	0,351714639	0,469463217
Q15393	Splicing factor 3B subunit 3	SF3B3		G7NQQ5	0,351940133	0,00054109
Q9H6E4	Coiled-coil domain-containing protein 134	CCDC134	98.7%	F7C028	0,352190291	0,017063926
Q16643	Drebrin	DBN1	99.3%	F6WFH5	0,353205958	0,245565564
Q9P0M9	39S ribosomal protein L27, mitochondrial	MRPL27	93.0%	A0A1D5R394	0,353232891	0,019752896
Q9Y2R4	Probable ATP-dependent RNA helicase DDX52	DDX52	98.0%	A0A1D5RGX0	0,353387786	0,788309297
Q7Z2W4	Zinc finger CCCH-type antiviral protein 1	ZC3HAV1	91.3%	F7HRZ0	0,35503265	0,018771335
Q86UT6	NLR family member X1	NLRX1	97.0%	F7HTM8	0,355653391	0,029972287
Q7Z2W4	Zinc finger CCCH-type antiviral protein 1	ZC3HAV1	91.3%	F6QD13	0,355888272	0,055413254

Q86UT6	NLR family member X1	NLRX1	97.0%	A0A1D5Q9Z5	0,35672443	0,505228869
Q9UG56	Phosphatidylserine decarboxylase proenzyme, mitochondrial	PISD	97.1%	G7NGK2	0,356929206	0,179536139
Q13404	Ubiquitin-conjugating enzyme E2 variant 1	UBE2V1		A0A1D5QJ08	0,357183624	0,063830784
Q9BUP0	EF-hand domain-containing protein D1	EFHD1	96.0%	F6VNP9	0,35720976	0,486304738
Q9BUB7	Transmembrane protein 70, mitochondrial	TMEM70	86.9%	F7CA88	0,357741836	0,681459405
A0A024RC87	Submitted name: Ribonuclease/angiogenin inhibitor 1, isoform CRA a	RNH1	93.9%	A0A1D5RJ31	0,357752951	0,183962484
O15144	Actin-related protein 2/3 complex subunit 2	ARPC2		I0FT16	0,357796055	0,075029976
Q9NVM1	Protein eva-1 homolog B	EVA1B	98.2%	A0A1D5QJS5	0,358407861	0,436479785
O14908	PDZ domain-containing protein GIPC1	GIPC1	95.5%	F7BKG0	0,359161629	0,082029169
Q13442	28 kDa heat- and acid-stable phosphoprotein	PDAP1	99.4%	A0A1D5QZ45	0,359267782	0,171342379
Q9NYU1	UDP-glucose:glycoprotein glucosyltransferase 2	UGGT2	92.9%	F6SQP8	0,360462338	0,001023722
Q9NR30	Nucleolar RNA helicase 2	DDX21	97.7%	F6RC36	0,36115408	0,140702137
P30740	Leukocyte elastase inhibitor	SERPINB1	96.0%	A0A1D5RIS2	0,361481294	0,154669113
Q96IJ6	Mannose-1-phosphate guanyltransferase alpha	GMPPA	99.5%	A0A1D5QED6	0,362051749	0,183650847
Q13546	Receptor-interacting serine/threonine-protein kinase 1	RIPK1	94.4%	F6THC2	0,362221233	0,288183766
Q9BTC0	Death-inducer obliterator 1	DIDO1	96.6%	F6S3Q3	0,364470126	0,149561451
Q9Y5S9	RNA-binding protein 8A	RBM8A	95.2%	F7GPQ9	0,364835912	0,075365728
O75438	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1	NDUFB1	85.5%	A0A1D5QAN2	0,365396983	0,160078054
A0A024RDE8	Submitted name: PDZ and LIM domain 5, isoform CRA c	PDLIM5	97.1%	A0A1D5R093	0,365505768	0,203862864
P78357	Contactin-associated protein 1	CNTNAP1	99.1%	F7B7T3	0,365877728	0,210620021
P14866	Heterogeneous nuclear ribonucleoprotein L	HNRNPL		F7AN89	0,366895381	0,050608585
Q9HCN8	Stromal cell-derived factor 2-like protein 1	SDF2L1	98.2%	F6ZIN0	0,367664473	0,107436437
Q9BYT8	Neurolysin, mitochondrial	NLN	96.7%	F7HGI5	0,367664603	0,149881279
Q9BV79	Enoyl-[acyl-carrier-protein] reductase, mitochondrial	MECR	97.9%	F6RDJ9	0,367924464	0,283322922
P11413	Glucose-6-phosphate 1-dehydrogenase	G6PD	99.0%	H9ESN5	0,369142793	0,117999289
P04843	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1	RPN1	98.7%	F7HFE5	0,369871539	0,002942975
P06280	Alpha-galactosidase A	GLA	98.1%	F7BGG3	0,370088047	0,269013744
O75396	Vesicle-trafficking protein SEC22b	SEC22B	98.1%	F7DJM1	0,370318826	0,298566656
K7EQ48	Glucose-6-phosphate isomerase	GPI	93.2%	A0A1D5QX23	0,370819939	0,275618236

Q8NCS4	Transmembrane protein 35B	TMEM35B	98.1%		0,372529604	0,294722849
Q8WUD1	Ras-related protein Rab-2B	RAB2B	99.5%		0,372925893	0,216723104
Q8IX03	KIBRA	WWC1	98.7%	F6SW62	0,373353891	0,043044657
Q14690	Protein RRP5 homolog	PDCD11	97.9%	F7EXB8	0,374619413	0,011346835
Q96PD2	Discoidin, CUB and LCCL domain-containing protein 2	DCBLD2	98.2%	F7HMP8	0,374729506	0,067527438
P28838	Cytosol aminopeptidase	LAP3	98.8%	F6TQJ2	0,37504378	0,016945905
Q8NC56	LEM domain-containing protein 2	LEMD2	95.8%	F7E2J4	0,375242379	0,079432075
Q14332	Frizzled-2	FZD2		F7GPB5	0,376316083	0,172123098
Q9BSJ6	PIMREG	PIMREG	82.9%	F6ZQW7	0,376574074	0,312605254
Q4LE61	Submitted name: SYMPK variant protein	SYMPK variant protein	97.7%	A0A1D5Q2S3	0,376856028	0,446994751
P11021	Endoplasmic reticulum chaperone BiP	HSPA5	82.1%	F7FXB3	0,37693944	0,284218372
Q8WW59	SPRY domain-containing protein 4	SPRYD4	97.6%	F6TG20	0,378067558	0,026331325
Q9Y2W1	Thyroid hormone receptor-associated protein 3	THRAP3	99.4%	F7GNF6	0,378072307	0,022285225
Q99549	M-phase phosphoprotein 8	MPHOSP H8	91.7%	F7G890	0,378911714	0,215763489
Q00534	Cyclin-dependent kinase 6	CDK6		F7E5V8	0,379146125	0,005411259
Q9HCM3	UPF0606 protein KIAA1549	KIAA1549	94.8%	F7HS00	0,379336657	0,171870576
P49755	Transmembrane emp24 domain-containing protein 10	TMED10	98.2%	A0A1D5R1P2	0,37981129	0,020636362
Q9Y2H1	Serine/threonine-protein kinase 38-like	STK38L	99.8%	F7E684	0,380190568	0,464398161
Q8TAD4	Zinc transporter 5	SLC30A5	88.4%	F7F367	0,381085115	0,2505032
Q7L775	EPM2A-interacting protein 1	EPM2AIP 1	98.2%	A0A1D5QGL5	0,381437223	0,011045274
Q8IXT5	RNA-binding protein 12B	RBM12B	99.1%	G7MZR8	0,382775024	0,255069038
O75420	GRB10-interacting GYF protein 1	GIGYF1	98.4%	F7DKV0	0,382870673	0,685488693
Q13217	DnaJ homolog subfamily C member 3	DNAJC3	99.2%	F6VD19	0,382906162	0,237335173
Q8N3Z6-2	Zinc finger CCHC domain-containing protein 7	ZCCHC7	94.6%	F6SX84	0,383230055	0,232644371
Q6P4A7	Sideroflexin-4	SFXN4	87.3%	I0FP47	0,383860713	0,304691456
O95292	Vesicle-associated membrane protein-associated protein B/C	VAPB	99.2%	F7EWA7	0,384376491	0,021056877
Q96NT0	Coiled-coil domain-containing protein 115	CCDC115	95.0%	F7A529	0,384415698	0,12397292
O15379	Histone deacetylase 3	HDAC3		F6V5K8	0,384943409	0,413603404

Q53GL6	Submitted name: RNA binding protein (Autoantigenic, hnRNP-associated with lethal yellow) long isoform variant	RALY	98.0%	F7EG42	0,385769496	0,06679638
A0A024R9D8	Submitted name: Sperm associated antigen 1, isoform CRA b	SPAG1	95.8%	F6QEK6	0,385783474	0,272743746
Q9Y6X8	Zinc fingers and homeoboxes protein 2	ZHX2	98.4%	F7GAS4	0,385938419	0,408897534
Q5JU69	Torsin-2A	TOR2A	93.8%	F7GTV9	0,386609631	0,118171291
Q9H9B4	Sideroflexin-1	SFXN1	99.1%	F7G0A4	0,388424702	0,000911288
Q8N511	Transmembrane protein 199	TMEM199	98.1%	F7DGS1	0,38866063	0,355255662
Q9H773	dCTP pyrophosphatase 1	DCTPP1	98.2%	A0A1D5QTQ8	0,388821733	0,161598165
O60216	Double-strand-break repair protein rad21 homolog	RAD21	99.8%	F6UCA9	0,3892594	0,098092725
Q7LBC6	Lysine-specific demethylase 3B	KDM3B	99.5%	I0FSK5	0,390845767	0,140522062
P61586	Transforming protein RhoA	RHOA		G7MIM5	0,391278953	0,150451031
Q8WUY1	THEM6	THEM6	97.6%	I2CUF3	0,39321431	0,305005957
Q9UDY8	Mucosa-associated lymphoid tissue lymphoma translocation protein 1	MALT1	96.5%	F7D797	0,393542933	0,105731491
Q9BXR0	Queuine tRNA-ribosyltransferase catalytic subunit 1	QTRT1	97.8%	F7FLB4	0,393736006	0,261839315
Q92930	Ras-related protein Rab-8B	RAB8B		F6YAL9	0,394174755	0,024242811
O14494	Phospholipid phosphatase 1	PLPP1	95.9%	F7GWM4	0,394769022	0,038442065
Q969U7	Proteasome assembly chaperone 2	PSMG2	95.5%	F7EHY7	0,395708112	0,075150743
P45880	Voltage-dependent anion-selective channel protein 2	VDAC2	99.3%	F7EV45	0,398150244	0,132634628
Q9BTC8	Metastasis-associated protein MTA3	MTA3	99.8%	F7HT44	0,399597591	0,045546167
A0A0C4DG17	40S ribosomal protein SA	RPSA	99.3%	F6U6B5	0,400343661	0,024618105
J3KTD7	Submitted name: SMG8	SMG8	99.3%	A0A1D5QFW8	0,400641696	0,261703558
P28065	Proteasome subunit beta type-9	PSMB9	97.3%	F6UNF6	0,40102373	0,106787515
A0A087X2D5	Submitted name: 39S ribosomal protein L45, mitochondrial	MRPL45	81.9%	F7HKD1	0,40123612	0,011077168
A0A024R8Q1	Submitted name: Glucosidase, alpha acid (Pompe disease, glycogen storage disease type II), isoform CRA a	GAA	95.8%	F7AD90	0,401734641	0,045121894
Q9Y5N5	HemK methyltransferase family member 2	N6AMT1	95.8%	F6SE63	0,402069466	0,132408751
Q96TA1-2	Niban-like protein 1	FAM129B	97.4%	F6RB06	0,403333466	0,038591179
Q15427	Splicing factor 3B subunit 4	SF3B4		F7FGV3	0,404442165	0,056312209
O15173	Membrane-associated progesterone receptor component 2	PGRMC2	70.9%	A0A1D5QBW7	0,405515095	0,079335603

Q9NUI1	Peroxisomal 2,4-dienoyl-CoA reductase	DECR2	97.6%	F6WJI8	0,407380128	0,16075073
P09669	Cytochrome c oxidase subunit 6C	COX6C	88.0%	F7HLV2	0,407689134	0,290606553
P27449	V-type proton ATPase 16 kDa proteolipid subunit	ATP6V0C	98.7%	F6QD23	0,40796393	0,771944857
P22413	Ectonucleotide pyrophosphatase/phosphodiesterase family member 1	ENPP1	98.3%	F7GPN9	0,409243631	0,007717189
Q9BRR6	ADP-dependent glucokinase	ADPGK		F6UGS1	0,409406146	0,017070452
Q6IQ49	Replication stress response regulator SDE2	SDE2	94.2%	A0A1D5QSH5	0,410709242	0,046285717
Q9Y5B9	FACT complex subunit SPT16	SUPT16H		G7MWS8	0,411215342	0,012213899
Q9HD45	Transmembrane 9 superfamily member 3	TM9SF3	99.3%	F7GMS7	0,411451673	0,089142306
Q06203	Amidophosphoribosyltransferase	PPAT	99.4%	F7GPV9	0,412351065	0,442041507
Q6NSJ5	Volume-regulated anion channel subunit LRRC8E	LRRC8E	98.1%	F7GRN6	0,413322891	0,208546159
Q96IX5	Up-regulated during skeletal muscle growth protein 5	USMG5	98.3%	F7FIY7	0,414989898	0,055455132
P20815	Cytochrome P450 3A5	CYP3A5	91.3%	Q6GUQ3	0,415093216	0,015766337
Q9Y2T2	AP-3 complex subunit mu-1	AP3M1	99.8%	F7HSJ3	0,416075909	0,125061663
Q8N163	Cell cycle and apoptosis regulator protein 2	CCAR2	98.3%	F6RJW4	0,417354168	0,005183347
G3V579	Submitted name: Pinin	PNN		F7HGA5	0,417764436	0,050999979
Q9Y617	Phosphoserine aminotransferase	PSAT1	81.1%	F7CXR9	0,41950749	0,031234472
P17987	T-complex protein 1 subunit alpha	TCP1	99.6%	F6T4X7	0,419524977	0,020549089
P12270	Nucleoprotein TPR	TPR	98.9%	F7EEB8	0,420262266	0,001920424
Q9Y3B9	RRP15-like protein	RRP15	96.1%	F6ZJY2	0,420594476	0,313975738
Q8TDW0	Volume-regulated anion channel subunit LRRC8C	LRRC8C	99.8%	F7HLE0	0,421916665	0,040733757
Q4KMQ2	Anoctamin-6	ANO6	99.2%	F7GVV8	0,422465147	0,464899047
P32119	Peroxiredoxin-2	PRDX2		A0A1D5QNY6	0,422869783	0,228324197
O43143	Pre-mRNA-splicing factor ATP-dependent RNA helicase DHX15	DHX15	99.9%	F6YQX3	0,422997312	0,000709961
Q10472	Polypeptide N-acetylgalactosaminyltransferase 1	GALNT1		A0A1D5QKP2	0,423233467	0,250409202
P82912	28S ribosomal protein S11, mitochondrial	MRPS11	89.7%	F7GG48	0,425532095	0,066330036
P62304	Small nuclear ribonucleoprotein E	SNRPE		F7GRR5	0,426141763	0,059614465
Q9UM13	Anaphase-promoting complex subunit 10	ANAPC10		F7GPG7	0,426211995	0,022512408
Q96T51	RUN and FYVE domain-containing protein 1	RUFY1	93.2%	F6ZZA8	0,426729571	0,265041527
Q96BR5	Cytochrome c oxidase assembly factor 7	COA7	97.8%	G7MH09	0,427985579	0,025299953
P61353	60S ribosomal protein L27	RPL27		F7GZ82	0,429526235	0,404047582
Q9BY49	Peroxisomal trans-2-enoyl-CoA reductase	PECR	92.1%	F7DTT0	0,430683504	0,044766456
P07737	Profilin-1	PFN1		F7H2A5	0,433168189	0,013548519
H9Z1L0	Submitted name: Ras homolog family member C	RHOC		H9Z1L0	0,433569241	0,736227293
Q9UEY8	Gamma-adducin	ADD3	98.2%	H9EUT6	0,433617238	0,386980099

Q14137	Ribosome biogenesis protein BOP1	BOP1	96.5%	F7GBS7	0,434447341	0,001451503
P52758	2-iminobutanoate/2-iminopropanoate deaminase	RIDA	94.9%	F6VKH4	0,434918717	0,11304452
Q13310	Polyadenylate-binding protein 4	PABPC4	99.8%	F6QKE0	0,435067552	0,004040748
P54198	HIRA	HIRA	99.4%	F6YJS8	0,435147386	0,119086523
Q8TDN6	Ribosome biogenesis protein BRX1 homolog	BRX1	98.3%	A0A1D5RA59	0,43546852	0,229947922
Q8NFJ5	Retinoic acid-induced protein 3	GPRC5A	94.1%	F6UQD1	0,437679568	0,188472638
Q14232	Translation initiation factor eIF-2B subunit alpha	EIF2B1	99.3%	H9ETU6	0,438833688	0,0765896
Q6PD62	RNA polymerase-associated protein CTR9 homolog	CTR9	99.6%	F7B9X6	0,441489895	0,011718879
O00567	Nucleolar protein 56	NOP56	98.8%	F6R553	0,442670832	0,0000325
Q13085	Acetyl-CoA carboxylase 1	ACACA	99.2%	F7HHF7	0,443019279	0,217799918
Q8N8L6	ADP-ribosylation factor-like protein 10	ARL10	98.4%	F7BD04	0,443052898	0,228402074
Q5VZE5	N-alpha-acetyltransferase 35, NatC auxiliary subunit	NAA35	99.9%	F7FX53	0,444444698	0,034304643
O15254	Peroxisomal acyl-coenzyme A oxidase 3	ACOX3	91.6%	F7HJ78	0,444483296	0,504860779
Q16576	Histone-binding protein RBBP7	RBBP7		F7GGZ7	0,445846669	0,013322651
H0Y9W2	Submitted name: 28S ribosomal protein S18c, mitochondrial	MRPS18C	92.6%	F6SP22	0,446146843	0,135606771
P06748	Nucleophosmin	NPM1	97.0%	F7AWJ2	0,446368731	0,636451995
Q9NZT2	Opioid growth factor receptor	OGFR	95.5%	F7BWY5	0,446411708	0,25337253
O94826	Mitochondrial import receptor subunit TOM70	TOMM70	99.3%	F7GGN2	0,446597693	0,039810047
P62851	40S ribosomal protein S25	RPS25	95.2%	F7HUG3	0,447552064	0,005601012
O15541	RING finger protein 113A	RNF113A	97.7%	F6V216	0,447593819	0,224647147
Q9NQG5	Regulation of nuclear pre-mRNA domain-containing protein 1B	RPRD1B		F6ZTV4	0,448316317	0,097574621
A0A024RAE5	Submitted name: Uncharacterized protein	MGC10993	91.3%	F7HS50	0,448509735	0,091000132
A0A024R1F4	Submitted name: HCG2010666, isoform CRA a	HCG_2010666	96.5%	H9H2T4	0,449618386	0,085245088
Q9NRX4	14 kDa phosphohistidine phosphatase	PHPT1	98.4%	H9ER03	0,449682214	0,036249797
A0A024R2Z6	Submitted name: Guanine nucleotide binding protein-like 3 (Nucleolar), isoform CRA b	GNL3	96.5%	F7ED82	0,45028229	0,004068589
Q12846	Syntaxin-4	STX4	99.0%	G7NQX9	0,45071087	0,039687804
P61009	Signal peptidase complex subunit 3	SPCS3	97.8%	F7G8J6	0,451368207	0,014628605
P42126	Enoyl-CoA delta isomerase 1, mitochondrial	ECI1	90.9%	F6QGV0	0,451672466	0,124147607
Q8TCS8	Polyribonucleotide nucleotidyltransferase 1, mitochondrial	PNPT1	96.9%	A0A1D5QY48	0,452295305	0,019405574
Q9NP97	Dynein light chain roadblock-type 1	DYNLRB1	99.0%	F7B1L6	0,452453269	0,087899265



Q96CN7	Isochorismatase domain-containing protein 1	ISOC1	99.0%	H9ESJ6	0,452508846	0,017078806
Q5SXM8	DNL-type zinc finger protein	DNLZ	93.3%	F7DSH9	0,452653329	0,033190635
P09601	Heme oxygenase 1	HMOX1	95.7%	F7EK58	0,453272151	0,329533496
Q6PJG2	ELM2 and SANT domain-containing protein 1	ELMSAN1	97.2%	F7CEF7	0,453544487	0,279122971
P07099	Epoxide hydrolase 1	EPHX1	96.3%	F6XTA5	0,455771116	0,001593923
O14545	TRAF-type zinc finger domain-containing protein 1	TRAFFD1	95.7%	F7BQF4	0,456945803	0,335263804
Q9BS16	Centromere protein K	CENPK	97.0%	H9ZC97	0,457430212	0,678028122
P61962	DDB1- and CUL4-associated factor 7	DCAF7		G7NJ76	0,457732087	0,019350211
P55072	Transitional endoplasmic reticulum ATPase	VCP	99.6%	F7HNI0	0,458324236	0,671399397
B9EKV4	Submitted name: Aldehyde dehydrogenase 9 family, member A1	ALDH9A1		F7DDW6	0,460536269	0,098136069
O75152	Zinc finger CCCH domain-containing protein 11A	ZC3H11A	98.1%	F7D104	0,461320016	0,036428493
P33993	DNA replication licensing factor MCM7	MCM7	97.7%	F6YNN8	0,461574737	0,03482102
Q99519	Sialidase-1	NEU1	97.1%	F7EZO0	0,463162541	0,174535963
P11940	Polyadenylate-binding protein 1	PABPC1	98.1%	F7EU16	0,463755408	0,177250061
Q00059	Transcription factor A, mitochondrial	TFAM	86.9%	F7FXP0	0,463980422	0,044369311
Q92576	PHD finger protein 3	PHF3	96.9%	F7H0T5	0,464559959	0,227646447
Q92797	Symplekin	SYMPK	96.9%	F6X458	0,46526973	0,000575313
Q9UKS6	Protein kinase C and casein kinase substrate in neurons protein 3	PACSIN3		G7NDG4	0,465290539	0,092668721
P31431	Syndecan-4	SDC4	94.4%	F7FE95	0,465351359	0,478972573
P52655	GTF2A1	GTF2A1	99.5%	F7H5J8	0,465627933	0,161103552
Q14376	UDP-glucose 4-epimerase	GALE	98.7%	F7CKR0	0,466221546	0,035193684
P49917	DNA ligase 4	LIG4	97.4%	F7DY21	0,466425262	0,190393898
Q9NTQ9	Gap junction beta-4 protein	GJB4	95.9%	F7GQL5	0,466860529	0,262027686
Q96B49	Mitochondrial import receptor subunit TOM6 homolog	TOMM6	93.2%	F7BHY9	0,466864873	0,045143559
P14854	Cytochrome c oxidase subunit 6B1	COX6B1	95.2%	Q53CG4	0,467305418	0,496588308
O75494	Serine/arginine-rich splicing factor 10	SRSF10		H9H3N2	0,467353998	0,017105152
P49792	E3 SUMO-protein ligase RanBP2	RANBP2	97.1%	F7HI99	0,468390627	0,038887349
P61165	Transmembrane protein 258	TMEM258		F7H3Z8	0,46860441	0,090541391
A0A0A0MRV0	Submitted name: Ribosome-binding protein 1	RRBP1	93.5%	F6TEB4	0,469532013	0,108940139
Q96JG6	Syndetin	VPS50	99.6%	I2CU46	0,47067327	0,25650374
P84157	Matrix-remodeling-associated protein 7	MXRA7	90.6%	A0A1D5QVZ6	0,472089107	0,060175241

O95793	Double-stranded RNA-binding protein Staufen homolog 1	STAU1	99.4%	F7AER2	0,47336801	0,25343918
Q14667	Protein KIAA0100	KIAA0100	99.1%	F7F9P5	0,47396872	0,743461105
Q9NR31	GTP-binding protein SAR1a	SAR1A		H9EQ88	0,474134061	0,162442517
P08865	40S ribosomal protein SA	RPSA	97.5%	A0A1D5RI19	0,474868624	0,217430285
Q9NPI1	Bromodomain-containing protein 7	BRD7	99.1%	F7DL65	0,475012786	0,161288604
P20810	Calpastatin	CAST	96.0%	F7C6G7	0,475912011	0,190164133
P11279	Lysosome-associated membrane glycoprotein 1	LAMP1	95.8%	A0A1D5Q490	0,475914023	0,031151169
O95573	Long-chain-fatty-acid--CoA ligase 3	ACSL3	98.6%	F7GUH7	0,476207154	0,022380562
Q9H7D0	Dedicator of cytokinesis protein 5	DOCK5	98.9%	F7H599	0,476381399	0,109232704
P49257	Protein ERGIC-53	LMAN1	96.7%	F6SS58	0,476677366	0,01660179
Q86X29	Lipolysis-stimulated lipoprotein receptor	LSR	93.5%	F6UPF5	0,478330923	0,045906094
Q96CS3	FAS-associated factor 2	FAF2	99.8%	A0A1D5QU10	0,478690874	0,011298278
Q07960	Rho GTPase-activating protein 1	ARHGAP1	98.9%	F6T0E0	0,479672955	0,036361781
P46781	40S ribosomal protein S9	RPS9		A0A1D5QWN7	0,479702044	0,00024381
Q86WR0	Coiled-coil domain-containing protein 25	CCDC25	97.0%	F7FV07	0,480524653	0,508407843
Q9NP66	High mobility group protein 20A	HMG20A		G7MYE9	0,481700097	0,022148842
Q9Y5Y0	Feline leukemia virus subgroup C receptor-related protein 1	FLVCR1	97.8%	F7H9Y7	0,481839574	0,022569779
Q9BVI4	Nucleolar complex protein 4 homolog	NOC4L	96.1%	F7HF96	0,484517055	0,006519804
Q03135	Caveolin-1	CAV1		F7C1V2	0,486586418	0,139343197
Q9HD15	Steroid receptor RNA activator 1	SRA1	97.0%	F7FZU7	0,487354443	0,26213415
Q96EX3	WD repeat-containing protein 34	WDR34	94.8%	A0A1D5R7F3	0,487844247	0,379428052
Q2TAL8	Glutamine-rich protein 1	QRICH1	99.9%	H9FW80	0,49062647	0,031875799
H0Y4B4	Submitted name: DNA-binding protein RFX5	RFX5	95.3%	F6XXU4	0,490778003	0,14473398
Q969V3	Nicalin	NCLN	99.6%	F7HQR3	0,492513194	0,004090512
Q15365	Poly(rC)-binding protein 1	PCBP1		G7NA92	0,492841284	0,315924619
Q9H4K7	Mitochondrial ribosome-associated GTPase 2	MTG2	93.1%	F7F5F4	0,492918143	0,457396332
O15514	DNA-directed RNA polymerase II subunit RPB4	POLR2D	99.3%	F6V9J1	0,49331594	0,023394953
Q15075	Early endosome antigen 1	EEA1	98.6%	A0A1D5RFK5	0,494043104	0,013326079
Q9H477	Ribokinase	RBKS	97.5%	F7BAI3	0,494561519	0,096342812
P35222	Catenin beta-1	CTNNB1		F7GNE4	0,495765353	0,000761398
Q9Y383	Putative RNA-binding protein Luc7-like 2	LUC7L2	97.0%	F7H3U6	0,496657132	0,231625625
Q9H8H0	Nucleolar protein 11	NOL11	93.9%	F6PP78	0,497377607	0,174563433
P62857	40S ribosomal protein S28	RPS28		F7AA98	0,497517063	0,005220604
P00568	Adenylate kinase isoenzyme 1	AK1	99.0%	A0A1D5RED3	0,499276483	0,07015305

O00231	26S proteasome non-ATPase regulatory subunit 11	PSMD11		G7NGU5	0,501139786	0,112104181
Q8TC12	Retinol dehydrogenase 11	RDH11	97.8%	F7C225	0,502357466	0,022963028
Q96ER9	Coiled-coil domain-containing protein 51	CCDC51	96.8%	A0A1D5Q4Q2	0,503861244	0,488551321
P39748	Flap endonuclease 1	FEN1	99.2%	F7H3Z6	0,504213533	0,011927322
Q62261	Spectrin beta chain, non-erythrocytic 1	Sptbn1	100.0%	A0A1D5QIJ1	0,505508816	0,037966979
P02786	Transferrin receptor protein 1	TFRC	94.6%	F6UX47	0,506800454	0,004594784
Q00765	Receptor expression-enhancing protein 5	REEP5		F6VJ89	0,507582458	0,103467415
A0A087WV2 2	Submitted name: 60S ribosomal protein L10	RPL10	99.4%	F7GKJ8	0,507612109	0,127792134
Q96J42	Thioredoxin domain-containing protein 15	TXNDC15	98.3%	A0A1D5RFE5	0,507853876	0,000901664
Q92878	DNA repair protein RAD50	RAD50	99.4%	A0A1D5QY99	0,507937407	0,332553981
P18084	Integrin beta-5	ITGB5	98.6%	F7GE04	0,508927075	0,02791173
Q9Y2Q5	Ragulator complex protein LAMTOR2	LAMTOR 2		F6W1Y8	0,510200316	0,001074612
Q08426	Peroxisomal bifunctional enzyme	EHHADH	96.0%	F7GFA8	0,513404702	0,003536165
O75438-2	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 1	NDUFB1	81.0%	F6XBM3	0,514056939	0,458399672
P50402	Emerin	EMD	92.5%	F7GKI2	0,515960389	0,035767125
P36578	60S ribosomal protein L4	RPL4	99.5%	F7C322	0,517009533	0,014026263
Q10471	Polypeptide N-acetylgalactosaminyltransferase 2	GALNT2	99.6%	A0A1D5RIQ7	0,517822273	0,333687305
Q92610	Zinc finger protein 592	ZNF592	98.2%	F7CX13	0,518392357	0,034366912
P49736	DNA replication licensing factor MCM2	MCM2	99.7%	F7HLV9	0,519461537	0,000195503
Q8ND82	Zinc finger protein 280C	ZNF280C	96.2%	F6T648	0,519544966	0,014074072
Q9NZD2	Glycolipid transfer protein	GLTP		H9H4B1	0,519743423	0,007764133
Q9UL46	Proteasome activator complex subunit 2	PSME2	99.6%	F7FF43	0,519841007	0,025077594
Q8N6R0	Methyltransferase-like protein 13	METTL13	98.0%	F7FCI4	0,52070472	0,000372106
P48506	Glutamate--cysteine ligase catalytic subunit	GCLC	99.4%	F7EZ43	0,522751504	0,234729804
F8WB72	Submitted name: 60S ribosomal protein L35a	RPL35A	94.7%	H9H2M3	0,524726059	0,01926379
A0A024R1F4	Submitted name: HCG2010666, isoform CRA a	HCG_2010 666	88.9%	F7HKK5	0,527385798	0,040606117
P48509	CD151 antigen	CD151	96.8%	F7BM98	0,527850868	0,857217686
Q9NUQ9	FAM49B	FAM49B	99.2%	A0A1D5R942	0,529266929	0,364021966
O00566	U3 small nucleolar ribonucleoprotein protein MPP10	MPHOSP H10	96.5%	F6VJQ2	0,529784319	0,009311737
Q9BWJ5	Splicing factor 3B subunit 5	SF3B5		F6X220	0,531832687	0,001133449
A0A0J9YYG4	Submitted name: Serum paraoxonase/arylesterase 2	PON2	98.3%	F7H7I7	0,533622124	0,068517916

O00584	Ribonuclease T2	RNASET2	96.1%	A0A1D5R4E3	0,534866551	0,004234197
Q15286	Ras-related protein Rab-35	RAB35		H9EPF1	0,535279153	0,047132315
Q8WUM0	Nuclear pore complex protein Nup133	NUP133	97.8%	F6SAY2	0,535675332	0,005330233
Q6PKC3	Thioredoxin domain-containing protein 11	TXNDC11	96.2%	F7C4G2	0,540660991	0,036178659
O75643	U5 small nuclear ribonucleoprotein 200 kDa helicase	SNRNP200		I0FQ43	0,542728868	0,00849671
P08865	40S ribosomal protein SA	RPSA	95.9%	F7D0N2	0,543960751	0,080350947
Q96KG9	N-terminal kinase-like protein	SCYL1	97.9%	F7E7N6	0,544104455	0,126641841
Q53F19	Nuclear cap-binding protein subunit 3	NCBP3	98.5%	G7NHW2	0,547542111	0,163525254
Q9UFG5-2	UPF0449 protein C19orf25	C19orf25	78.9%	F6VEP0	0,547680057	0,397588021
Q13123	Red	IK	98.2%	F6QT17	0,548386316	0,280937187
Q13625-3	Apoptosis-stimulating of p53 protein 2	TP53BP2	98.5%	F6TIP7	0,549080644	0,612236393
Q9UKM7	Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha-mannosidase	MAN1B1	96.9%	F7GR74	0,549106018	0,189400739
Q8N9A8	Nuclear envelope phosphatase-regulatory subunit 1	CNEP1R1		F6TD31	0,549439619	0,230441941
Q13573	SNW domain-containing protein 1	SNW1	93.6%	F7GT85	0,549873237	0,004333092
P29084	Transcription initiation factor IIE subunit beta	GTF2E2	98.5%	F6YR60	0,551612066	0,163114678
P01116	GTPase Kras	KRAS		F6SG80	0,553704426	0,332939269
O00233	26S proteasome non-ATPase regulatory subunit 9	PSMD9	96.9%	F7GF27	0,554520689	0,07638114
P20674	Cytochrome c oxidase subunit 5A, mitochondrial	COX5A	96.0%	Q53CF8	0,55471559	0,010277749
P17858	ATP-dependent 6-phosphofructokinase, liver type	PFKL	96.7%	A0A1D5QYR2	0,556540316	0,057391254
P39687	Acidic leucine-rich nuclear phosphoprotein 32 family member A	ANP32A		G7MY28	0,559137658	0,303395331
Q9NSD9	Phenylalanine--tRNA ligase beta subunit	FARSB	95.6%	F7D4P2	0,559441306	0,045714322
Q8NBT2	Kinetochore protein Spc24	SPC24	95.9%	F6QF70	0,559657359	0,277396941
Q15014	Mortality factor 4-like protein 2	MORF4L2	99.7%	F6WKY1	0,561732492	0,158432395
P11441	Ubiquitin-like protein 4A	UBL4A	98.7%	F7FHB2	0,561945529	0,123138439
Q9UP83	Conserved oligomeric Golgi complex subunit 5	COG5	98.3%	F6Q4U6	0,563255148	0,349540482
Q0VDF9	Heat shock 70 kDa protein 14	HSPA14	98.0%	F7GYX0	0,564448143	0,003047216
P27105	Erythrocyte band 7 integral membrane protein	STOM	98.4%	F7HP15	0,564829935	0,042066649
E9PQN2	Submitted name: Bcl-2-associated transcription factor 1	BCLAF1		F6S8W4	0,565321449	0,015806429
Q9P0L0	Vesicle-associated membrane protein-associated protein A	VAPA	87.4%	F7BIQ1	0,566126543	0,184561976
Q9NRN7	L-aminoadipate-semialdehyde dehydrogenase-phosphopantetheinyl transferase	AASDHPT	99.4%	F7GS66	0,566439169	0,029427956

Q9BTV4	Transmembrane protein 43	TMEM43	96.5%	F7DGH1	0,566794154	0,028037183
Q14146	Unhealthy ribosome biogenesis protein 2 homolog	URB2	94.4%	F6YMV8	0,568704633	0,000720408
O95169-2	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 8, mitochondrial	NDUFB8	92.4%	F7EJZ8	0,569404379	0,127485059
Q9UHX1	Poly(U)-binding-splicing factor PUF60	PUF60		F7FN25	0,569943511	0,335647425
O60568	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3	PLOD3	98.0%	F7E119	0,574972722	0,001338284
Q96KP1	Exocyst complex component 2	EXOC2	98.6%	F7HI13	0,575141304	0,141350156
Q9BVK6	Transmembrane emp24 domain-containing protein 9	TMED9	98.7%	F6WAB3	0,577101577	0,02103248
P49642	DNA primase small subunit	PRIM1	98.8%	G7N7D9	0,578654177	0,072840088
P51149	Ras-related protein Rab-7a	RAB7A		G7N7V5	0,578978041	0,014975976
Q05655	Protein kinase C delta type	PRKCD	99.4%	H9EU39	0,580154865	0,065394445
Q15392	Delta(24)-sterol reductase	DHCR24	99.4%	F7ECX2	0,581653411	0,114372577
Q13884	Beta-1-syntrophin	SNTB1	98.5%	F7H9E7	0,581937555	0,081434307
Q96F86	Enhancer of mRNA-decapping protein 3	EDC3	98.2%	F7GKJ5	0,582941281	0,025856064
O95628	CCR4-NOT transcription complex subunit 4	CNOT4	99.8%	F7FT58	0,584766354	0,49102708
Q6PIL8	39S ribosomal protein L14, mitochondrial	MRPL14	95.9%	F7B3S2	0,587266503	0,012860059
Q96A49	Synapse-associated protein 1	SYAP1	98.9%	G7NSB4	0,587675349	0,016746736
Q6YN16	Hydroxysteroid dehydrogenase-like protein 2	HSDL2	95.7%	F6PT11	0,590036998	0,457088925
Q13488	V-type proton ATPase 116 kDa subunit a isoform 3	TCIRG1	96.9%	F7EFJ0	0,597580547	0,002909749
Q9Y6D6	Brefeldin A-inhibited guanine nucleotide-exchange protein 1	ARFGEF1	99.4%	F7BID8	0,597862358	0,130542021
O00442	RNA 3'-terminal phosphate cyclase	RTCA	98.4%	F7HIB0	0,598029921	0,075683259
P04040	Catalase	CAT	97.5%	F6PLF0	0,59848215	0,445499073
P13798	Acylamino-acid-releasing enzyme	APEH	98.8%	F7G744	0,598773136	0,014916125
Q8IYI6	Exocyst complex component 8	EXOC8	99.6%	F7BWL3	0,599221247	0,136231644
A0A087X295	Submitted name: WD repeat-containing protein 6	WDR6	97.7%	G7MIN9	0,599762809	0,031633825
P49914	5-formyltetrahydrofolate cyclo-ligase	MTHFS	96.6%	F6VFW7	0,603654213	0,162305755
Q8IVL6	Prolyl 3-hydroxylase 3	P3H3	97.6%	F7G1R1	0,60449534	0,039644475
O43809	Cleavage and polyadenylation specificity factor subunit 5	NUDT21		G7NPC1	0,604658142	0,014065616
Q96RD7	Pannexin-1	PANX1	96.5%	F6SDC5	0,604859025	0,054075117
Q9H7L9	Sin3 histone deacetylase corepressor complex component SDS3	SUDS3		H9EPK1	0,604931686	0,109060763
P30825	High affinity cationic amino acid transporter 1	SLC7A1	98.6%	F7F495	0,607025616	0,04485855
Q14692	Ribosome biogenesis protein BMS1 homolog	BMS1	98.6%	F7D486	0,611876356	0,064910417

Q9NRZ7	1-acyl-sn-glycerol-3-phosphate acyltransferase gamma	AGPAT3	98.9%	H9FXB4	0,612418497	0,048659292
A0A024R9J7	Submitted name: Defective in sister chromatid cohesion homolog 1 (S. cerevisiae), isoform CRA a	DCC1	97.1%	F7H261	0,612702236	0,077391161
P48047	ATP synthase subunit O, mitochondrial	ATP5O	97.7%	F6S4N7	0,615628043	0,002752186
Q15293	Reticulocalbin-1	RCN1	97.3%	F7H3P3	0,616662909	0,006539984
Q9NZM1	Myoferlin	MYOF	98.3%	F7EFN9	0,617350747	0,12041419
Q14847	LIM and SH3 domain protein 1	LASP1	98.5%	F7CPT5	0,617400068	0,012187355
Q9H1E5	Thioredoxin-related transmembrane protein 4	TMX4	98.1%	F7HDA1	0,62001867	0,202293806
Q6P2H3	Centrosomal protein of 85 kDa	CEP85	98.0%	F6XS40	0,620740626	1
O43633	Charged multivesicular body protein 2a	CHMP2A		F7HNZ9	0,626538176	0,251136474
Q32NB8	CDP-diacylglycerol--glycerol-3-phosphate 3-phosphatidyltransferase, mitochondrial	PGS1	94.1%	F7HSB2	0,630513273	0,063741076
P49006	MARCKS-related protein	MARCKS L1		F6RIS3	0,631001708	0,000387539
Q6KC79	Nipped-B-like protein	NIPBL	99.3%	F6XIX1	0,632614965	0,003024714
O95396	Adenylyltransferase and sulfurtransferase MOCS3	MOCS3	95.0%	F7H4A1	0,635040943	0,081459861
Q7Z417	Nuclear fragile X mental retardation-interacting protein 2	NUFIP2	99.0%	F6T4V2	0,636391418	0,20910173
Q8WVM8	Sec1 family domain-containing protein 1	SCFD1		F7CB50	0,636517707	0,467141082
B1AK88	Submitted name: Capping protein (Actin filament) muscle Z-line, beta, isoform CRA d	CAPZB	99.3%	F7F3P2	0,638709525	0,029042822
O00264	Membrane-associated progesterone receptor component 1	PGRMC1		F7BA07	0,641056931	0,072408727
Q9P266	Junctional protein associated with coronary artery disease	JCAD	94.4%	F7F6K7	0,646816817	0,008007329
Q01813	ATP-dependent 6-phosphofructokinase, platelet type	PFKP	95.0%	A0A1D5RKW8	0,648255348	0,083570225
Q16799	Reticulon-1	RTN1	96.7%	F7HG99	0,649269466	0,17528745
P29317	Ephrin type-A receptor 2	EPHA2	98.6%	F7E018	0,649375655	0,080515226
Q8N4Q0	Prostaglandin reductase 3	ZADH2	96.6%	H9H3R3	0,65592552	0,295885239
O43765	Small glutamine-rich tetratricopeptide repeat-containing protein alpha	SGTA	99.7%	F7FGF5	0,657808598	0,114183514
P52732	Kinesin-like protein KIF11	KIF11	97.6%	F7FKH9	0,659505601	0,021641027
P32418	Sodium/calcium exchanger 1	SLC8A1	99.4%	F6RXM4	0,662602935	0,009604552
Q9BV38	WD repeat-containing protein 18	WDR18	98.4%	H9EQY7	0,665073182	0,011602923
Q6PI48	Aspartate--tRNA ligase, mitochondrial	DARS2	96.7%	F6UXG7	0,666420468	0,040943968



Q96AE4	Far upstream element-binding protein 1	FUBP1		A0A1D5QLH1	0,667350903	0,0327206
Q9NUL7	Probable ATP-dependent RNA helicase DDX28	DDX28	94.2%	F6RNH5	0,668163295	0,09126804
Q15369	Elongin-C	ELOC	99.1%	G7MZX3	0,669001796	0,022066936
Q9BU61	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 3	NDUFAF3	96.2%	F6VXY8	0,669208185	0,007332458
O94874	E3 UFM1-protein ligase 1	UFL1	98.7%	F7F4F6	0,672332482	0,048839689
Q969Z0	FAST kinase domain-containing protein 4	TBRG4	91.3%	A0A1D5RCT4	0,673349272	0,032024972
Q14997	Proteasome activator complex subunit 4	PSME4	99.1%	H9ET09	0,673442495	0,132434173
Q6Y1H2	Very-long-chain (3R)-3-hydroxyacyl-CoA dehydratase 2	HACD2	96.9%	F6W0A4	0,675683092	0,052367482
K7EMY7	Submitted name: Haloacid dehalogenase-like hydrolase domain-containing protein 2	HDHD2	97.3%	F7GS54	0,678076789	0,180350184
Q8NHH9-4	Atlastin-2	ATL2	99.3%	F6TI01	0,683716058	0,00583906
O95983	Methyl-CpG-binding domain protein 3	MBD3	76.1%	A0A1D5Q4H9	0,684906404	0,031746724
Q9H9P8	L-2-hydroxyglutarate dehydrogenase, mitochondrial	L2HGDH	87.7%	F6SVW9	0,685143272	0,041092476
Q96LJ7	Dehydrogenase/reductase SDR family member 1	DHRS1	96.5%	F6TF03	0,685162934	0,0324687
A0A0J9YYJ0	Submitted name: canopy homolog 4	CNPY4	99.1%	F6YGW4	0,689354667	0,003878892
A0A024RB01	Submitted name: Integrin, alpha 5 (Fibronectin receptor, alpha polypeptide), isoform CRA b	ITGA5	99.0%	F7GXE0	0,692946512	0,004605716
Q86YP4-3	Transcriptional repressor p66-alpha	GATAD2A	98.6%	H9FW63	0,69810381	0,311107924
Q03164-3	Histone-lysine N-methyltransferase 2A	KMT2A	98.8%	F7FZ57	0,699965007	0,017522082
A0A0U1RRH6	Submitted name: PHD finger protein 14	PHF14	98.4%	F6WS16	0,702135603	0,419233379
P36404	ADP-ribosylation factor-like protein 2	ARL2	98.9%	H9ESA6	0,702763215	0,022903301
A0A0S2Z4E7	Submitted name: Non-POU domain containing octamer-binding isoform 2	NONO		F6UC28	0,702890601	0,15122178
Q14964	Ras-related protein Rab-39A	RAB39A		F6TW09	0,703797444	0,022608094
Q9H3K2	Growth hormone-inducible transmembrane protein	GHITM	97.4%	F6YLT5	0,704969891	0,416986642
Q8WWM7	Ataxin-2-like protein	VBP1	99.3%	F7FFJ8	0,706745233	0,127351293
Q14999	Cullin-7	CUL7	97.1%	F7HH01	0,708969129	0,132099634
Q7Z7F7-2	39S ribosomal protein L55, mitochondrial	MRPL55	80.5%	F7H239	0,7095915	0,005807333
Q9NQZ2	Something about silencing protein 10	UTP3	97.1%	F7D7G8	0,710779379	0,049419343
J3KN16	Submitted name: Ecm29 proteasome adaptor and scaffold	ECPAS	99.1%	F7HE01	0,710987892	0,120570805
Q9BPX5	Actin-related protein 2/3 complex subunit 5-like protein	ARPC5L	91.6%	A0A1D5R4Q7	0,713074321	0,077670535

P00558	Phosphoglycerate kinase 1	PGK1		A0A1D5QRB8	0,713751081	0,013404628
P16591	Tyrosine-protein kinase Fer	FER	98.9%	F7GUD3	0,71453392	0,022924633
Q15836	Vesicle-associated membrane protein 3	VAMP3	97.8%	F6YMH2	0,718479974	0,001116376
Q96PY5	Formin-like protein 2	FMNL2	98.6%	F7GRV9	0,71873094	0,009733076
Q9NPD3	Exosome complex component RRP41	EXOSC4		F7DHI6	0,71966483	0,135424496
Q16795	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial	NDUFA9	90.2%	F7H7P1	0,721959777	0,060888532
Q68CQ4	Digestive organ expansion factor homolog	DIEXF	97.8%	F7HP44	0,727718379	0,025451517
G1R8K2	Submitted name: BCL2 like 13	BCL2L13	95.3%	A0A1D5Q3M3	0,731085158	0,082673193
O75446	Histone deacetylase complex subunit SAP30	SAP30	98.2%	F6PPX3	0,732823589	0,018371657
Q6IBA2	Submitted name: PC4 protein	PC4		F7AF44	0,738904717	0,416539228
Q96E39	Protein RNA binding motif protein, X-linked-like-1	RBMXL1	98.0%	A0A1D5RJV5	0,73997606	0,020073603
Q9Y282	Endoplasmic reticulum-Golgi intermediate compartment 3	ERGIC3		H9EQL2	0,740311117	0,016631751
Q5R766	Ragulator complex protein LAMTOR1	LAMTOR1		F6V8N1	0,740622875	0,002585776
Q13155	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2	AIMP2	97.5%	G7MNN1	0,741301976	0,009448082
O60925	Prefoldin subunit 1	PFDN1	99.2%	F7FK57	0,74152582	0,008759445
P23919	Thymidylate kinase	DTYMK	95.8%	F7H337	0,741777824	0,003345859
Q92947	Glutaryl-CoA dehydrogenase, mitochondrial	GCDH	98.2%	F7F1J7	0,744324335	0,054882001
Q8N697	Solute carrier family 15 member 4	SLC15A4	80.0%	F6W1G2	0,746349116	0,120342739
P10415-2	Apoptosis regulator Bcl-2	BCL2	97.6%	A0A1D5QRF2	0,750782029	0,008891774
Q9NZ01	Very-long-chain enoyl-CoA reductase	TECR	70.2%	F7B8P8	0,755947617	0,203643984
Q96IU4	Protein ABHD14B	ABHD14B	95.7%	F7CU68	0,757082991	0,000934779
P13639	Elongation factor 2	EEF2	99.9%	A0A1D5QQX5	0,757435024	0,00273323
Q8WXF0	Serine/arginine-rich splicing factor 12	SRSF12	100.0%	A0A1D5QGS1	0,758022778	0,149860698
P30405	Peptidyl-prolyl cis-trans isomerase F, mitochondrial	PPIF	92.8%	F7EJE1	0,759935178	0,063947675
Q9Y679-2	Ancient ubiquitous protein 1	AUP1	93.4%	F6UNX6	0,764701062	0,026648886
Q9Y5X2	Sorting nexin-8	SNX8	98.1%	A0A1D5QR07	0,765786896	0,113874083
Q96J84-2	Kin of IRRE-like protein 1	KIRREL1	99.5%	F7EJ81	0,768095236	0,017018886
P23396	40S ribosomal protein S3	RPS3	77.2%	A0A1D5Q414	0,770869912	0,006258663
O00458	Interferon-related developmental regulator 1	IFRD1	99.1%	F7H595	0,780745	0,002946853
O75155-2	Cullin-associated NEDD8-dissociated protein 2	CAND2	97.7%	F7B9M2	0,782046366	0,267045655
Q5LJA9	Ubiquitin carboxyl-terminal hydrolase	UCHL5	99.7%	F7AQA8	0,783058631	0,097409632

Q9NTG7	NAD-dependent protein deacetylase sirtuin-3, mitochondrial	SIRT3	92.8%	F6TH81	0,783248712	0,061100926
A0A0A0MQS1	Pyrroline-5-carboxylate reductase	PYCR3	96.0%	F7FLW2	0,785112823	0,010393717
O75475	PC4 and SFRS1-interacting protein	PSIP1	99.2%	H9ETF8	0,788361876	0,002899442
Q92905	COP9 signalosome complex subunit 5	COPS5	100.0%	F7H142	0,790858839	0,001744866
P60174	Triosephosphate isomerase	TPI1	99.2%	P15426	0,792820971	0,398558068
Q9NVP1	ATP-dependent RNA helicase DDX18	DDX18	92.7%	F7DLH1	0,793154269	0,0000296
Q52LR7	Enhancer of polycomb homolog 2	EPC2	99.9%	G7N818	0,793888422	0,00933644
Q8WVX3-2	Uncharacterized protein C4orf3	C4orf3	82.4%	F7H4K6	0,797367228	0,084345908
D3DR32	M-phase phosphoprotein 1, isoform CRA a	MPHOSP H1	95.8%	F6ZLD8	0,798348904	0,135035945
Q56VL3	OCIA domain-containing protein 2	OCIAD2	96.8%	F6U2S2	0,802139346	0,009727108
P05121	Plasminogen activator inhibitor 1	SERPINE1	97.3%	F6Y5D7	0,802295461	0,002506569
P82930	28S ribosomal protein S34, mitochondrial	MRPS34	96.3%	F6Y7X0	0,804894082	0,031053941
Q15388	Mitochondrial import receptor subunit TOM20 homolog	TOMM20	95.9%	H9H2V1	0,805301018	0,010157249
Q3B726	DNA-directed RNA polymerase I subunit RPA43	TWISTNB	97.9%	F7A560	0,806153823	0,102023675
B9A037	Gem-associated protein 6	GEMIN6	94.2%	F7HPI9	0,806893696	0,499426015
Q9H446	RWD domain-containing protein 1	RWDD1	100.0%	F6SXG0	0,809233721	0,069490105
P50454	Serpin H1	SERPINH 1	98.8%	F7D5P2	0,816767184	0,0000592
Q8WWQ0	PH-interacting protein	PHIP	98.7%	F7HIM2	0,819628207	0,004859959
P13674	Prolyl 4-hydroxylase subunit alpha-1	P4HA1	99.8%	F6WHG3	0,822688313	0,02552842
J3QQX2	Rho GDP-dissociation inhibitor 1	ARHGDIA	95.3%	A0A1D5R9P8	0,822882237	0,001973398
A0A0B4J1V8	HCG2039996	PPAN-P2R Y11	95.2%	F7HEA3	0,828334972	0,005022382
Q9Y6M5	Zinc transporter 1	SLC30A1	98.2%	F6TFE8	0,831124054	0,001059704
Q96C10	Probable ATP-dependent RNA helicase DHX58	DHX58	95.9%	A0A1D5RCV0	0,837085037	0,001926056
Q2PZI1	Probable C-mannosyltransferase DPY19L1	DPY19L1	97.7%	A0A1D5Q5I9	0,841219333	0,014105649
D3DWY7	Prefoldin subunit 3	VBP1	99.5%	F6WUT9	0,842328163	0,035100423
Q9NYP7	Elongation of very long chain fatty acids protein 5	ELOVL5	99.7%	F7HUC8	0,844642188	0,019453149
H3BN66	ADP-dependent glucokinase	ADPGK	100.0%	F6UGS9	0,850164831	0,211931532
P60842	Eukaryotic initiation factor 4A-I	EIF4A1	99.0%	A0A1D5Q0T7	0,850711123	0,008446902
Q92887	Canalicular multispecific organic anion transporter 1	ABCC2	95.9%	A0A1D5Q2F0	0,855722637	0,157106528
Q9Y490	Talin-1	TLN1	97.2%	F7HL22	0,861989247	0,122474774

P17987	T-complex protein 1 subunit alpha	TCP1	70.0%	A0A1D5QSC5	0,862040487	0,30640156
O75907	Diacylglycerol O-acyltransferase 1	DGAT1	96.9%	F6Q252	0,863242668	0,221070647
C9JBX5	Translocon-associated protein subunit alpha	SSR1	99.5%	A0A1D5R2I0	0,866940807	0,001028737
Q9NZU0	Leucine-rich repeat transmembrane protein FLRT3	FLRT3	99.8%	F6SUY7	0,87828069	0,006531948
Q9NZ01	Very-long-chain enoyl-CoA reductase	TECR	99.4%	H9Z0H8	0,878708863	0,00036021
O96011-2	Peroxisomal membrane protein 11B	PEX11B	99.6%	F7GPR9	0,883427544	0,06591477
P26599-2	Polypyrimidine tract-binding protein 1	PTBP1	93.1%	A0A1D5QHY5	0,893725006	0,004593242
Q14534	Squalene monooxygenase	SQLE	96.5%	H9EWU0	0,893834504	0,037514947
P17900	Ganglioside GM2 activator	GM2A	90.7%	A0A1D5RJB7	0,89407211	0,033988407
Q12788	Transducin beta-like protein 3	TBL3	96.8%	F7HQY3	0,895884263	0,28417465
Q96AQ8	Mitochondrial calcium uniporter regulator 1	MCUR1	95.0%	F6Y5J0	0,898300676	0,143111476
P38919	Eukaryotic initiation factor 4A-III	EIF4A3	99.8%	F7AD80	0,898876669	0,000246328
O75934	Pre-mRNA-splicing factor SPF27	BCAS2	100.0%	I2CYF2	0,906899045	0,070336657
H3BNX2	UPF0505 protein C16orf62	C16orf62	97.0%	A0A1D5RFA1	0,910320306	0,013217616
P62888	60S ribosomal protein L30	RPL30	100.0%	F7GQT7	0,915021076	0,156601935
Q15942	Zyxin	ZYX	98.6%	F7F053	0,915270997	0,014496697
Q7Z6I8	UPF0461 protein C5orf24	C5orf24	100.0%	F6XPU3	0,923234138	0,007230766
P56589	Peroxisomal biogenesis factor 3	PEX3	76.5%	F7GAQ7	0,928529353	0,022162828
Q8WWV3	Reticulon-4-interacting protein 1, mitochondrial	RTN4IP1	97.2%	G7MQ06	0,938135027	0,171216705
Q9NVS9	Pyridoxine-5'-phosphate oxidase	PNPO	98.1%	A0A1D5Q928	0,952362126	0,044677578
P82675	28S ribosomal protein S5, mitochondrial	MRPS5	89.9%	A0A1D5QZR4	0,957705045	0,01216233
X6RAL5	Histone deacetylase complex subunit SAP18	SAP18	100.0%	F7CXR4	0,96515496	0,036855286
O75607	Nucleoplasmin-3	NPM3	98.9%	F6QIT0	0,967303643	0,027112627
Q9BZJ0	Crooked neck-like protein 1	CRNKL1	99.7%	F6T9A8	0,972037864	0,031411934
Q07817	Bcl-2-like protein 1	BCL2L1	99.6%	F6UKR4	0,992197582	0,127221444
O95154	Aflatoxin B1 aldehyde reductase member 3	AKR7A3	93.4%	F6Y0J6	0,993349793	0,088161321
Q96FX7	tRNA (adenine(58)-N(1))-methyltransferase catalytic subunit TRMT61A	TRMT61A	97.6%	F7D5P9	0,9975258	0,307368777
Q92621	Nuclear pore complex protein Nup205	NUP205	99.2%	A0A1D5QRU5	1,004479603	0,016165396
Q9H4I3	TraB domain-containing protein	TRABD	98.9%	F7C8C7	1,025442384	0,263325626
B3KSH1	Eukaryotic translation initiation factor 3 subunit F	EIF3F	96.0%	F6V6M4	1,034931581	0,0000699
O00330	Pyruvate dehydrogenase protein X component, mitochondrial	PDHX	98.4%	F7HS46	1,035203443	0,185992371
P62249	40S ribosomal protein S16	RPS16	100.0%	F6T928	1,039583897	0,058873544
Q15819	Ubiquitin-conjugating enzyme E2 variant 2	UBE2V2	100.0%	H9FZA8	1,041104818	0,19514125
Q6PGP7	Tetratricopeptide repeat protein 37	TTC37	97.4%	F7DAC0	1,041340742	0,219098688

P63218	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5	GNG5	100.0%	F6XHP0	1,051898133	0,016592799
P62745	Rho-related GTP-binding protein RhoB	RHOB	100.0%	G7N9H0	1,072829845	0,455509132
Q6PCB7	Long-chain fatty acid transport protein 1	SLC27A1	98.6%	F7HJF3	1,089313174	0,066643298
Q15629	Translocating chain-associated membrane protein 1	TRAM1	98.9%	F7GCV4	1,097590766	0,001770307
Q14980-2	Nuclear mitotic apparatus protein 1	NUMA1	97.0%	F7EE62	1,099475993	0,078730013
E9PG73	Peptidyl-prolyl cis-trans isomerase G	PPIG	98.9%	F7B2X6	1,100421336	0,422878441
O95347	Structural maintenance of chromosomes protein 2	SMC2	99.0%	F7GYQ6	1,102635256	0,005491027
P62081	40S ribosomal protein S7	RPS7	100.0%	A0A1D5QMG1	1,103654515	0,0000671
Q9H4A3-5	Serine/threonine-protein kinase WNK1	WNK1	95.8%	F7A644	1,104178132	0,015376604
Q86V02	CSAD protein	CSAD	95.5%	A0A1D5QCF9	1,105755575	0,336687082
Q9P015	39S ribosomal protein L15, mitochondrial	MRPL15	97.3%	G7MZC9	1,114799562	0,066949765
Q9Y221-2	60S ribosome subunit biogenesis protein NIP7 homolog	NIP7	99.2%	F6TW42	1,116015617	0,097492848
O60716-3	Catenin delta-1	CTNND1	99.7%	F6QHG5	1,116103814	0,109086814
P38606	V-type proton ATPase catalytic subunit A	ATP6V1A	99.8%	F7HT50	1,127996755	0,005750778
O43159	Ribosomal RNA-processing protein 8	RRP8	93.9%	F7C3H4	1,148625315	0,041025413
P32970	CD70 antigen	CD70	92.8%	F7GPA5	1,149469611	0,03454982
O75880	Protein SCO1 homolog, mitochondrial	SCO1	94.1%	F6SYX2	1,163538964	0,004541956
P38159	RNA-binding motif protein, X chromosome	RBMX	84.7%	A0A1D5RBE4	1,174782377	0,034101516
P17096-2	High mobility group protein HMG-I/HMG-Y	HMGA1	100.0%	F7CS07	1,176669941	0,008180358
Q99805	Transmembrane 9 superfamily member 2	TM9SF2	98.9%	G7NJJ2	1,177446928	0,158277692
Q96BQ5	Coiled-coil domain-containing protein 127	CCDC127	96.2%	A0A1D5QUY2	1,178100891	0,004469306
J3KRE2	Rho GDP-dissociation inhibitor 1	ARHGDIA	100.0%	A0A1D5QQ87	1,188407461	0,041471994
P37802	Transgelin-2	TAGLN2	100.0%	A0A1D5RJC9	1,190001637	0,010323456
A6NHQ2	rRNA/tRNA 2'-O-methyltransferase fibrillarin-like protein 1	FBLL1	88.6%	F7ED78	1,191201706	0,21466297
P37059	Estradiol 17-beta-dehydrogenase 2	HSD17B2	92.2%	A0A1D5QPG5	1,191852961	0,042373577
P16949	Stathmin	STMN1	100.0%	A0A1D5RIA2	1,199881138	0,325961354
Q5CAQ5	Tumor rejection antigen (Gp96) 1	TRA1	99.4%	F7Ezt6	1,205536847	0,008409821
P42330	Aldo-keto reductase family 1 member C3	AKR1C3	96.3%	A0A1D5QHM1	1,207197223	0,00995348
P32969	60S ribosomal protein L9	RPL9	85.9%	F6UQR0	1,212169546	0,132512249
Q9Y4Y9	U6 snRNA-associated Sm-like protein LSm5	LSM5	96.7%	F6U6R3	1,218857345	0,023309102
Q14152	Eukaryotic translation initiation factor 3 subunit A	EIF3A	99.3%	F7EKN1	1,235357104	0,017115206
P51610	Host cell factor 1	HCFC1	98.9%	A0A1D5QJR4	1,23779152	0,038520418
O94888	UBX domain-containing protein 7	UBXN7	99.0%	H9FSQ6	1,245168928	0,141004199

P0DPB6	DNA-directed RNA polymerases I and III subunit RPAC2	POLR1D	99.1%	H9H459	1,274186849	0,006092218
Q96DI7	U5 small nuclear ribonucleoprotein 40 kDa protein	SNRNP40	100.0%	F6SV59	1,27617169	0,001508296
P52298	Nuclear cap-binding protein subunit 2	NCBP2	100.0%	A0A1D5R4U3	1,290873037	0,406476595
O95376	E3 ubiquitin-protein ligase ARIH2	ARIH2	99.2%	H9ET84	1,305664201	0,047749315
P49773	Histidine triad nucleotide-binding protein 1	HINT1	99.2%	F6R248	1,311260671	0,013454345
P53634	Dipeptidyl peptidase 1	CTSC	95.5%	F7H3F1	1,3138069	0,044863611
P05387	60S acidic ribosomal protein P2	RPLP2	98.3%	F7EEP2	1,320394412	0,25135374
P35232	Prohibitin	PHB	96.5%	F6WL17	1,321235801	0,024332478
P03915	NADH-ubiquinone oxidoreductase chain 5	MT-ND5		Q6IYG8	1,338072529	0,000591184
Q9ULX9	Transcription factor MafF	MAFF	98.8%	A0A1D5QFZ7	1,381309192	0,0000294
P62316	Small nuclear ribonucleoprotein Sm D2	SNRPD2	91.4%	F6T7K2	1,390210607	0,320131631
Q96F63	Coiled-coil domain-containing protein 97	CCDC97	99.4%	F7HGE4	1,407945041	0,004935102
P52788	Spermine synthase	SMS	97.0%	F6U8Z4	1,408739888	0,002828398
O96008	Mitochondrial import receptor subunit TOM40 homolog	TOMM40	100.0%	F7BSK1	1,435733836	0,015535741
O75380	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial	NDUFS6	91.1%	A0A1D5QTJ0	1,454752456	0,093022297
Q9NZJ9-2	Diphosphoinositol polyphosphate phosphohydrolase 2	NUDT4	99.4%	F7CYP9	1,480660685	0,179983404
Q8IY47	Kelch repeat and BTB domain-containing protein 2	KBTD2	100.0%	F7C864	1,541467056	0,19161419
Q01082	Spectrin beta chain, non-erythrocytic 1	Q01082	99.7%	I0FIZ4	1,560270244	0,035318377
Q9BXH1-2	Bcl-2-binding component 3	BBC3	95.4%	F7FFP6	1,561649586	0,36690925
Q96PK6	RNA-binding protein 14	RBM14	100.0%	G7NC47	1,571074795	0,009081456
Q9P2R3	Rabankyrin-5	ANKFY1	98.5%	H9FVJ9	1,602447492	0,402905168
P11387	DNA topoisomerase 1	TOP1	99.1%	H9FZ51	1,605995977	0,114113508
P27348	14-3-3 protein theta	YWHAQ	99.2%	F6WRN9	1,712893005	1
Q96G21	U3 small nucleolar ribonucleoprotein protein IMP4	IMP4	99.3%	F6ZZ93	1,775133045	0,016738812
D6RCF4	CDGSH iron-sulfur domain-containing protein 2	CISD2	95.7%	A0A1D5QPD7	2,003767152	0,110145626
P17275	Transcription factor jun-B	JUNB	99.1%	F6U5C5	2,03679704	0,00000956
P42167	Lamina-associated polypeptide 2, isoforms beta/gamma	TMPO	98.5%	F7HAV4	2,320079254	0,006466605
Q3ZCW2	Galectin-related protein	LGALSL	99.4%	F6QMT0	2,391889645	0,128992013
Q5SZC9	Costars family protein ABRACL	ABRACL	75.8%	A0A1D5Q492	2,856733578	0,001260978
Q6ZNW5	GDP-D-glucose phosphorylase 1	GDPGP1	95.8%	F7FPR4	3,19295327	0,099990395
G3V4T6	Maleylacetoacetate isomerase	GSTZ1	89.7%	A0A1D5QIL3	4,623368867	0,065635618



P11586	C-1-tetrahydrofolate synthase, cytoplasmic	MTHFD1	79.3%	A0A1D5R0T5	5,370801915	1
P42677	40S ribosomal protein S27	RPS27	97.6%	A0A1D5RBG4	5,475148588	1
O60343	TBC1 domain family member 4	TBC1D4	97.8%	A0A1D5R074	8,276355374	0,0000386
Q96EN8	Molybdenum cofactor sulfurase	MOCOS	95.7%	F6ZPM2	9,993020918	0,05
Q9UKU7-2	Isobutyryl-CoA dehydrogenase, mitochondrial	ACAD8	94.4%	F7DYF5	10,1877696	0,05
A0A024R8N6	Thymidine kinase	TK1	96.0%	F7EHR2	10,21040656	0,05
Q96HP0	Dedicator of cytokinesis protein 6	DOCK6	97.0%	F7HJN8	10,30201809	0,05
P09912-3	Interferon alpha-inducible protein 6	IFI6	92.0%	G7MHY9	10,37164163	0,05
Q8TF42	Ubiquitin-associated and SH3 domain-containing protein B	UBASH3B	99.5%	A0A1D5QQV1	10,45050769	0,05
P26572	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase	MGAT1	96.9%	G7MUK4	10,57160656	0,05
Q8N6L1-2	Keratinocyte-associated protein 2	KRTCAP2	98.8%	F7HTS8	10,74827517	0,05
P32456	Guanylate-binding protein 2	GBP2	97.1%	F7A8B5	10,75911253	0,05
P16144-2	Integrin beta-4	ITGB4	98.3%	F7DF99	10,88310419	0,05
Q9HBH5	Retinol dehydrogenase 14	RDH14	96.7%	F7CDQ0	10,90483088	0,025
Q14247-3	Src substrate cortactin	CTTN	98.4%	F6ZBM4	10,93220537	0,05
C9JA08	60S ribosomal export protein NMD3	NMD3	97.4%	G7MJD6	10,94220629	0,05
O14874	[3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial	BCKDK	98.1%	F7FRI9	10,99178312	0,05
B5MBZ0	Echinoderm microtubule-associated protein-like 4	EML4	98.3%	F7GAG9	11,02872069	0,025
P60604	Ubiquitin-conjugating enzyme E2 G2	UBE2G2	100.0%	A0A1D5Q1Z4	11,02879353	0,05
Q9Y4D7	Plexin-D1	PLXND1	93.9%	F6U223	11,0319551	0,05
Q9UK41	Vacuolar protein sorting-associated protein 28 homolog	VPS28	99.5%	F7BEJ5	11,04031597	0,05
Q8WVB6	Chromosome transmission fidelity protein 18 homolog	CHTF18	94.6%	F6Q1E8	11,10079118	0,05
P49916	DNA ligase 3	LIG3	97.7%	F6S783	11,16661245	0,016666667
A1A4S6	Rho GTPase-activating protein 10	ARHGAP10	98.1%	F6VTW2	11,21818859	0,05
O95453	Poly(A)-specific ribonuclease	PARN	98.9%	H9FV31	11,23542274	0,025
Q9BRA2	Thioredoxin domain-containing protein 17	TXNDC17	99.2%	A0A1D5RCZ3	11,24636534	0,025
Q9BYN0	Sulfiredoxin-1	SRXN1	95.6%	A0A1D5QE22	11,25999621	0,05
Q969G3-2	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1	SMARCE1	99.7%	A0A1D5QFB4	11,30430169	0,05
Q9Y4W6	AFG3-like protein 2	AFG3L2		F6X5N3	11,31783037	0,025

Q8IXU6	Solute carrier family 35 member F2	SLC35F2	97.9%	G7NBT4	11,34094987	0,05
O75151	Lysine-specific demethylase PHF2	PHF2	98.8%	F7HBF2	11,36870482	0,05
P17026	Zinc finger protein 22	ZNF22	99.1%	F6VBL3	11,39368598	0,05
Q6P1N9	Putative deoxyribonuclease TATDN1	TATDN1	98.3%	F6SCH3	11,39870668	0,05
Q9Y333	U6 snRNA-associated Sm-like protein Lsm2	LSM2	100.0%	G7MRK5	11,40329366	0,05
Q9BRU9	rRNA-processing protein UTP23 homolog	UTP23	97.2%	F6YGH7	11,40397692	0,025
P45983-4	Mitogen-activated protein kinase 8	MAPK8	100.0%	F6ZKC0	11,43172264	0,05
Q9UKR5	Probable ergosterol biosynthetic protein 28	ERG28	100.0%	F7HFQ3	11,45849488	0,025
Q02833	Ras association domain-containing protein 7	RASSF7	96.1%	F7F519	11,49779031	0,025
A0A0F7KYT8	Fragile X mental retardation autosomal homolog variant p2K	FXR1	100.0%	F6W8C6	11,52738886	0,025
P78527-2	DNA-dependent protein kinase catalytic subunit	PRKDC	95.9%	F6SNY4	11,53061712	0,025
O94768	Serine/threonine-protein kinase 17B	STK17B	98.6%	A0A1D5RJ83	11,53934125	0,025
P62380	TATA box-binding protein-like protein 1	TBPL1	100.0%	G7MQB7	11,62672972	0,025
D6RA56	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex assembly factor 2	NDUFAF2	92.3%	A0A1D5QR27	11,65277739	0,05
Q6T4R5-2	Nance-Horan syndrome protein	NHS	97.4%	F7CLI9	11,67193503	0,025
P30260	Cell division cycle protein 27 homolog	CDC27	99.8%	H9EPL4	11,68058356	0,025
P04406	Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	99.0%	F6WJJ6	11,70650368	0,016666667
P30085	UMP-CMP kinase	CMPK1	98.4%	A0A1D5RA11	11,70663233	0,016666667
F8VZX2	Poly(rC)-binding protein 2	PCBP2	96.9%	F7HMF5	11,7553888	0,025
F2Z2A9	Tumor suppressor candidate 2	TUSC2	96.9%	A0A1D5QY71	11,77387986	0,05
Q9UKV5	E3 ubiquitin-protein ligase AMFR	AMFR	99.3%	F7GP03	11,81324528	0,05
Q9NUT2-2	ATP-binding cassette sub-family B member 8, mitochondrial	ABCB8	95.8%	F6W6T0	11,83596044	0,025
Q86WC4	Osteopetrosis-associated transmembrane protein 1	OSTM1	99.1%	F6Z161	11,85197012	0,025
Q8IX90	Spindle and kinetochore-associated protein 3	SKA3	94.2%	F6VYB8	11,86027921	0,016666667
P49674	Casein kinase I isoform epsilon	CSNK1E	100.0%	F6R2T7	11,89405495	0,025
P13284	Gamma-interferon-inducible lysosomal thiol reductase	IFI30	91.2%	A0A1D5QGW4	11,92423737	0,025
Q9NW68	BSD domain-containing protein 1	BSDC1	96.5%	A0A1D5QNH0	11,92688051	0,05
A0A068C1X3	Cytochrome c oxidase subunit 3	COX3		Q6IYH2	11,94722182	0,05
O00515	Ladinin-1	LAD1	94.4%	A0A1D5QW47	11,94866348	0,016666667
Q6XQN6	Nicotinate phosphoribosyltransferase	NAPRT	91.5%	F7GRT0	12,00795306	0,016666667
Q9H6R0	Putative ATP-dependent RNA helicase DHX33	DHX33	98.2%	A0A1D5QEE3	12,05297316	0,016666667
Q00535	Cyclin-dependent-like kinase 5	CDK5	97.9%	A0A1D5QEV2	12,07205872	0,016666667

Q96QD8	Sodium-coupled neutral amino acid transporter 2	SLC38A2	96.8%	F6Z5M8	12,16147051	0,025
P67809	Nuclease-sensitive element-binding protein 1	YBX1	92.3%	F6Z9F5	12,17966475	0,025