

**Supplementary Table 2.** Proteins identified from synaptosomal fractions using strong cation exchange chromatography prior to SWATH-based acquisition.

Accession #	Gene name	Name	% Cov	Peptide (95%)
Q13813	SPTA2	Spectrin $\alpha$ chain, brain	60.6	156
Q01082	SPTB2	Spectrin $\beta$ chain, brain 1	52.7	131
P07197	NFM	Neurofilament medium polypeptide	81.6	105
Q01484	ANK2	Ankyrin-2	37.4	111
Q14204	DYHC1	Cytoplasmic dynein 1 heavy chain 1	30.1	76
Q13885	TBB2A	Tubulin $\beta$ -2A chain	75.1	148
Q05193	DYN1	Dynamamin-1	60.2	100
Q9Y2J2	E41L3	Band 4.1-like protein 3	60.1	84
Q15149	PLEC	Plectin	34.5	77
P17600	SYN1	Synapsin-1	77.2	125
P11137	MAP2	Microtubule-associated protein 2	45.2	63
P68363	TBA1B	Tubulin $\alpha$ -1B chain	74.7	130
Q00610	CLH1	Clathrin heavy chain 1	33.8	67
P46821	MAP1B	Microtubule-associated protein 1B	31.6	65
P46459	NSF	Vesicle-fusing ATPase	58.5	76
P61764	STXB1	Syntaxin-binding protein 1	63.6	82
P07900	HS90A	Heat shock protein HSP 90- $\alpha$	49.7	65
P02686	MBP	Myelin basic protein	80.3	135
P80723	BASP1	Brain acid soluble protein 1	95.6	91
Q16555	DPYL2	Dihydropyrimidinase-related protein 2	67.5	96
P09543	CN37	2',3'-cyclic-nucleotide 3'-phosphodiesterase	69.8	87
P63261	ACTG	Actin, cytoplasmic 2	71.2	106
Q96JE9	MAP6	Microtubule-associated protein 6	73.6	52
P78559	MAP1A	Microtubule-associated protein 1A	32.5	49
P11142	HSP7C	Heat shock cognate 71 kDa protein	66.1	69
P04406	G3P	Glyceraldehyde-3-phosphate dehydrogenase	66	96
Q02952	AKA12	A-kinase anchor protein 12	35.9	40
P07196	NFL	Neurofilament light polypeptide	65	54
Q16352	AINX	$\alpha$ -Internexin	65.9	53
P1363 <sup>+</sup> 7	AT1A3	Na <sup>+</sup> /K <sup>+</sup> -Transporting ATPase subunit $\alpha$ -3	39.4	43
Q12860	CNTN1	Contactin-1	45.8	38
O43301	HS12A	Heat shock 70 kDa protein 12A	53.3	38
O60282	KIF5C	Kinesin heavy chain isoform 5C	43.4	37
Q9NZN3	EHD3	EH domain-containing protein 3	59.4	35
Q99798	ACON	Aconitate hydratase, mitochondrial	54	33
P19367	HXK1	Hexokinase-1	41.7	36
P38606	VATA	V-type proton ATPase catalytic subunit A	58.2	43
P25705	ATPA	ATP synthase subunit $\alpha$ , mitochondrial	53.9	43

P10636	T	Microtubule-associated protein $\tau$	52.8	48
P06733	ENOA	$\alpha$ -Enolase	62.4	51
P04075	ALDOA	Fructose-bisphosphate aldolase $\alpha$	81.3	58
P11021	GRP78	78 kDa glucose-regulated protein	54.3	37
P06744	G6PI	Glucose-6-phosphate isomerase	55.7	43
P28331	NDUS1	NADH-ubiquinone oxidoreductase 75 kDa subunit, mitochondrial	52.7	33
Q01813	K6PP	6-phosphofructokinase type C	37.1	32
P22314	UBA1	Ubiquitin-like modifier-activating enzyme 1	34.8	32
P00367	DHE3	Glutamate dehydrogenase 1, mitochondrial	55.9	34
P11216	PYGB	Glycogen phosphorylase, brain form	44.4	30
Q14203	DCTN1	Dynactin subunit 1	35.2	29
O94856	NFASC	Neurofascin	26.5	31
P08107	HSP71	Heat shock 70 kDa protein 1A/1B	47	38
P31150	GDIA	Rab GDP dissociation inhibitor $\alpha$	59.5	35
P12036	NFH	Neurofilament heavy polypeptide	51.4	37
P14618	KPYM	Pyruvate kinase isozymes M1/M2	57.8	47
Q9H4G0	E41L1	Band 4.1-like protein 1	45.1	39
Q9Y4I1	MYO5A	Unconventional myosin-Va	26	29
P08238	HS90B	Heat shock protein HSP 90- $\beta$	50.8	59
Q9NVA2	Sep-11	Septin-11	50.4	32
P12277	KCRB	Creatine kinase B-type	72.4	66
P49327	FAS	Fatty acid synthase	20.3	25
Q9UQM7	KCC2A	Ca <sup>2+</sup> /calmodulin-dependent protein kinase II subunit $\alpha$	43.7	35
P35611	ADDA	$\alpha$ -Adducin	42.2	36
P09972	ALDOC	Fructose-bisphosphate aldolase C	68.7	41
P06576	ATPB	ATP synthase subunit $\beta$ , mitochondrial	50.7	44
P17174	AATC	Aspartate aminotransferase, cytoplasmic	64.4	33
P63010	AP2B1	AP-2 complex subunit $\beta$	34	24
P17677	NEUM	Neuromodulin	92.4	43
O95782	AP2A1	AP-2 complex subunit $\alpha$ -1	34.2	25
P40939	ECHA	Trifunctional enzyme subunit $\alpha$ , mitochondrial	43.3	29
Q16891	IMMT	Mitochondrial inner membrane protein	44.3	24
P00558	PGK1	Phosphoglycerate kinase 1	68.4	32
P38646	GRP75	Stress-70 protein, mitochondrial	43.5	26
P08670	VIME	Vimentin	59	29
P48735	IDHP	Isocitrate dehydrogenase [NADP], mitochondrial	52	27
O43426	SYNJ1	Synaptojanin-1	24.2	24
Q96KP4	CNDP2	Cytosolic non-specific dipeptidase	54.7	24
Q9UPA5	BSN	Protein bassoon	22.1	31
P30101	PDIA3	Protein disulfide-isomerase A3	49.9	23
Q9UQ16	DYN3	Dynamin-3	45.1	42
Q16181	Sep-07	Septin-7	55.2	42
P02511	CRYAB	$\alpha$ -Crystallin B chain	66.9	39
P11498	PYC	Pyruvate carboxylase, mitochondrial	33.4	22
P40926	MDHM	Malate dehydrogenase, mitochondrial	64.8	29

O43491	E41L2	Band 4.1-like protein 2	38.9	27
O75746	CMC1	Ca <sup>2+</sup> -binding mitochondrial carrier protein Aralar1	41.6	22
P08133	ANXA6	Annexin A6	47.4	20
Q9UHD8	Sep-09	Septin-9	47.1	24
P21281	VATB2	V-type proton ATPase subunit B, brain isoform	49.5	31
P26232	CTNA2	Catenin $\alpha$ -2	40.3	22
O94819	KBTBB	Kelch repeat and BTB domain-containing protein 11	47.8	25
Q13423	NNTM	NAD(P) transhydrogenase, mitochondrial	26.9	21
P60174	TPIS	Triosephosphate isomerase	71.3	32
P51659	DHB4	Peroxisomal multifunctional enzyme type 2	35.7	20
Q13153	PAK1	Serine/threonine-protein kinase PAK 1	49.4	23
Q9Y4G6	TLN2	Talin-2	16.1	21
P09936	UCHL1	Ubiquitin carboxyl-terminal hydrolase isozyme L1	80.3	40
Q92598	HS105	Heat shock protein 105 kDa	37	21
Q9C040	TRIM2	Tripartite motif-containing protein 2	41	23
P16152	CBR1	Carbonyl reductase [NADPH] 1	79.1	26
P14625	ENPL	Endoplasmin	38	22
P55072	TERA	Transitional endoplasmic reticulum ATPase	40.6	21
P42658	DPP6	Dipeptidyl aminopeptidase-like protein 6	32.3	19
P04350	TBB4A	Tubulin $\beta$ -4A chain	77	146
P11586	C1TC	C-1-tetrahydrofolate synthase, cytoplasmic	30.7	19
Q9UEY8	ADDG	$\gamma$ -Adducin	37.7	21
Q9NQC3	RTN4	Reticulon-4	28.9	25
Q9Y2J0	RP3A	Rabphilin-3A	47.7	23
Q8N573	OXR1	Oxidation resistance protein 1	35.5	23
P78357	CNTP1	Contactin-associated protein 1	19.4	20
Q9C0H9	SRCN1	SRC kinase signaling inhibitor 1	37.3	21
P53396	ACLY	ATP-citrate synthase	27.6	19
P49588	SYAC	Alanine-tRNA ligase, cytoplasmic	29.3	19
O00429	DNM1L	Dynamin-1-like protein	36.1	22
P49411	EFTU	Elongation factor Tu, mitochondrial	52	19
P68104	EF1A1	Elongation factor 1- $\alpha$ 1	46.3	39
Q9BY11	PACN1	Protein kinase C and casein kinase substrate in neurons protein 1	60.6	24
Q13561	DCTN2	Dynactin subunit 2	48.6	19
O94925	GLSK	Glutaminase kidney isoform, mitochondrial	39.6	20
P31939	PUR9	Bifunctional purine biosynthesis protein PURH	41.6	19
Q14697	GANAB	Neutral $\alpha$ -glucosidase AB	27.3	18
P18669	PGAM1	Phosphoglycerate mutase 1	54.7	29
Q01814	AT2B2	Plasma membrane Ca <sup>2+</sup> -transporting ATPase 2	23.9	19
P07195	LDHB	L-lactate dehydrogenase B chain	46.7	23
Q09666	AHNK	Neuroblast differentiation-associated protein AHNK	25.4	27
Q02750	MP2K1	Dual specificity mitogen-activated protein kinase kinase 1	43.5	20
Q14194	DPYL1	Dihydropyrimidinase-related protein 1	49.3	38
Q12955	ANK3	Ankyrin-3	16.8	43
P45974	UBP5	Ubiquitin carboxyl-terminal hydrolase 5	25.6	18

O75061	AUX1	Putative tyrosine-protein phosphatase auxilin	29.1	22
Q06830	PRDX1	Peroxiredoxin-1	60.8	25
Q9ULU8	CAPS1	Ca <sup>2+</sup> -dependent secretion activator 1	27.1	18
P60880	SNP25	Synaptosomal-associated protein 25	72.3	17
Q8WXD9	CSKI1	Caskin-1	28.2	18
P35612	ADDB	β-Adducin	32.8	26
P55084	ECHB	Trifunctional enzyme subunit β, mitochondrial	37.6	20
Q02218	ODO1	2-oxoglutarate dehydrogenase, mitochondrial	27.5	19
P49418	AMPH	Amphiphysin	37.3	19
O15020	SPTN2	Spectrin β chain, brain 2	22.8	32
P21579	SYT1	Synaptotagmin-1	37.9	18
Q9NYI0	PSD3	PH and SEC7 domain-containing protein 3	26.5	23
Q96CW1	AP2M1	AP-2 complex subunit μ	47.6	20
P50990	TCPQ	T-complex protein 1 subunit θ	42.9	16
Q93050	VPP1	V-type proton ATPase 116 kDa subunit α isoform 1	21.3	19
O75955	FLOT1	Flotillin-1	53.4	19
Q08209	PP2BA	Serine/threonine-protein phosphatase 2B catalytic subunit α isoform	46.5	21
Q8TDJ6	DMXL2	DmX-like protein 2	15.9	20
P63104	1433Z	14-3-3 protein ζ/δ	60.8	25
P08237	K6PF	6-phosphofructokinase, muscle type	36.8	19
P62937	PPIA	Peptidyl-prolyl <i>cis-trans</i> isomerase A	81.8	33
Q6VY07	PACS1	Phosphofurin acidic cluster sorting protein 1	31.1	17
P05141	ADT2	ADP/ATP translocase 2	50.3	23
P00505	AATM	Aspartate aminotransferase, mitochondrial	51.2	25
P10809	CH60	60 kDa heat shock protein, mitochondrial	38.6	17
O15075	DCLK1	Serine/threonine-protein kinase DCLK1	40.7	17
P29401	TKT	Transketolase	40.5	17
P21796	VDAC1	Voltage-dependent anion-selective channel protein 1	53.7	26
O14994	SYN3	Synapsin-3	48.5	21
P78371	TCPB	T-complex protein 1 subunit β	44.7	18
P24752	THIL	Acetyl-CoA acetyltransferase, mitochondrial	49	18
Q8WUM4	PDC6I	Programmed cell death 6-interacting protein	26.2	16
P55786	PSA	Puromycin-sensitive aminopeptidase	31.8	16
P13591	NCAM1	Neural cell adhesion molecule 1	26.1	18
Q15019	Sep-02	Septin-2	62.3	17
P05023	AT1A1	Na <sup>+</sup> /K <sup>+</sup> -transporting ATPase subunit α-1	41	43
P05091	ALDH2	Aldehyde dehydrogenase, mitochondrial	39.9	15
P78356	PI42B	Phosphatidylinositol-5-phosphate 4-kinase type-2β	48.8	17
O14531	DPYL4	Dihydropyrimidinase-related protein 4	45.1	20
Q969P0	IGSF8	Immunoglobulin superfamily member 8	34.8	18
P06396	GELS	Gelsolin	36.2	20
Q02252	MMSA	Methylmalonate-semialdehyde dehydrogenase [acylating], mitochondrial	48.4	16
P07237	PDIA1	Protein disulfide-isomerase	48.4	15

P30041	PRDX6	Peroxiredoxin-6	78.1	16
P30153	2AAA	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A $\alpha$ isoform	32.3	16
Q9BPU6	DPYL5	Dihydropyrimidinase-related protein 5	43.1	17
O43175	SERA	D-3-phosphoglycerate dehydrogenase	34.9	16
O95197	RTN3	Reticulon-3	21.6	14
Q15555	MARE2	Microtubule-associated protein RP/EB family member 2	65.1	16
P32004	L1CAM	Neural cell adhesion molecule L1	20.1	16
P49368	TCPG	T-complex protein 1 subunit $\gamma$	38.2	15
O60641	AP180	Clathrin coat assembly protein AP180	22.1	19
P40123	CAP2	Adenylyl cyclase-associated protein 2	46.3	16
Q9UDT6	CLIP2	CAP-Gly domain-containing linker protein 2	25	14
P13639	EF2	Elongation factor 2	30	14
P27338	AOFB	Amine oxidase [flavin-containing] B	33.7	16
O75083	WDR1	WD repeat-containing protein 1	38.3	16
Q16795	NDUA9	NADH dehydrogenase [ubiquinone] 1 $\alpha$ subcomplex subunit 9, mitochondrial	48	15
P35579	MYH9	Myosin-9	20.6	17
P29966	MARCS	Myristoylated alanine-rich C-kinase substrate	48.8	18
P31930	QCR1	Cytochrome b-c1 complex subunit 1, mitochondrial	40.2	18
Q86VP6	CAND1	Cullin-associated NEDD8-dissociated protein 1	21.7	14
P00338	LDHA	L-lactate dehydrogenase A chain	46.4	21
P36871	PGM1	Phosphoglucomutase-1	35.2	14
Q99747	SNAG	$\gamma$ -Soluble NSF attachment protein	47.4	14
P31323	KAP3	cAMP-dependent protein kinase type II- $\beta$ regulatory subunit	41.2	15
P26038	MOES	Moesin	32.8	14
P31948	STIP1	Stress-induced-phosphoprotein 1	38.9	14
P30086	PEBP1	Phosphatidylethanolamine-binding protein 1	86.1	19
P62258	1433E	14-3-3 protein $\epsilon$	58	19
Q9UQB8	BAIP2	Brain-specific angiogenesis inhibitor 1-associated protein 2	40.6	14
O75390	CISY	Citrate synthase, mitochondrial	30.5	15
Q92823	NRCAM	Neuronal cell adhesion molecule	26.2	15
P08559	ODPA	Pyruvate dehydrogenase E1 component subunit $\alpha$ , somatic form, mitochondrial	42.1	17
Q9Y617	SERC	Phosphoserine aminotransferase	36.8	14
P34932	HSP74	Heat shock 70 kDa protein 4	31.3	17
Q99962	SH3G2	Endophilin-A1	42.1	15
P54652	HSP72	Heat shock-related 70 kDa protein 2	54.2	37
Q99623	PHB2	Prohibitin-2	59.5	16
Q7L099	RUFY3	Protein RUFY3	41.4	14
Q13367	AP3B2	AP-3 complex subunit $\beta$ -2	17.8	15
Q9UHC6	CNTP2	Contactin-associated protein-like 2	21.2	14
P05026	AT1B1	Na <sup>+</sup> /K <sup>+</sup> -transporting ATPase subunit $\beta$ -1	39.6	21
P10909	CLUS	Clusterin	38.8	17
Q8N1G4	LRC47	Leucine-rich repeat-containing protein 47	36.5	13
Q08495	DEMA	Dematin	51.1	15

P41250	SYG	Glycine-tRNA ligase	28.6	13
P09104	ENOG	$\gamma$ -Enolase	54.6	29
P28482	MK01	Mitogen-activated protein kinase 1	39.4	13
P22695	QCR2	Cytochrome b-c1 complex subunit 2, mitochondrial	34.4	25
P62873	GBB1	Guanine nucleotide-binding protein G <sub>i</sub> /G <sub>s</sub> /G <sub>t</sub> subunit $\beta$ -1	30	18
P09622	DLDH	Dihydrolipoyl dehydrogenase, mitochondrial	30.8	15
P52306	GDS1	Rap1 GTPase-GDP dissociation stimulator 1	26.5	13
O94760	DDAH1	N <sub>G</sub> ,N <sub>G</sub> -dimethylarginine dimethylaminohydrolase 1	55.1	18
O94811	TPPP	Tubulin polymerization-promoting protein	74.4	19
P49419	AL7A1	$\alpha$ -Aminoadipic semialdehyde dehydrogenase	35.3	15
O95757	HS74L	Heat shock 70 kDa protein 4L	33.4	17
Q92777	SYN2	Synapsin-2	45.9	35
O00154	BACH	Cytosolic acyl coenzyme A thioester hydrolase	40.5	14
O60313	OPA1	Dynamin-like 120 kDa protein, mitochondrial	22	13
P78324	SHPS1	Tyrosine-protein phosphatase non-receptor type substrate 1	40.5	20
O43237	DC1L2	Cytoplasmic dynein 1 light intermediate chain 2	38.8	14
O43707	ACTN4	$\alpha$ -Actinin-4	31.5	13
Q9UKU0	ACSL6	Long-chain-fatty-acid-CoA ligase 6	28.1	13
Q9UPY8	MARE3	Microtubule-associated protein RP/EB family member 3	60.1	15
Q92900	RENT1	Regulator of nonsense transcripts 1	20.1	13
Q13509	TBB3	Tubulin $\beta$ -3 chain	68.7	118
P61981	1433G	14-3-3 protein $\gamma$	58.7	23
P32119	PRDX2	Peroxiredoxin-2	38.9	19
Q2M2I8	AAK1	AP2-associated protein kinase 1	21.9	12
P09417	DHPR	Dihydropteridine reductase	56.2	19
P15104	GLNA	Glutamine synthetase	31.9	17
O75306	NDUS2	NADH dehydrogenase [ubiquinone] iron-sulfur protein 2, mitochondrial	38.4	12
P30038	AL4A1	$\Delta$ -1-pyrroline-5-carboxylate dehydrogenase, mitochondrial	33.2	13
P09471	GNAO	Guanine nucleotide-binding protein G <sub>o</sub> subunit $\alpha$	52.3	17
Q7Z4S6	KI21A	Kinesin-like protein KIF21A	13.7	12
Q02978	M2OM	Mitochondrial 2-oxoglutarate/malate carrier protein	51.3	14
O94973	AP2A2	AP-2 complex subunit $\alpha$ -2	30	20
Q92599	Sep-08	Septin-8	40.2	22
P02768	ALBU	Serum albumin	27.4	22
P49821	NDUV1	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial	41.6	14
Q9BQI5	SGIP1	SH3-containing GRB2-like protein 3-interacting protein 1	25.7	12
Q9P2R7	SUCB1	Succinyl-CoA ligase [ADP-forming] subunit $\beta$ , mitochondrial	34.8	13
P07954	FUMH	Fumarate hydratase, mitochondrial	34.1	12
O14639	ABLM1	Actin-binding LIM protein 1	32.3	14
Q16799	RTN1	Reticulon-1	22.7	13
O75891	AL1L1	Cytosolic 10-formyltetrahydrofolate dehydrogenase	28.8	14
P36776	LONM	Lon protease homolog, mitochondrial	13	12
P55809	SCOT1	Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial	32.3	14

Q9H9B4	SFXN1	Sideroflexin-1	48.5	12
P68871	HBB	Hæmoglobin subunit $\beta$	78.9	15
Q9Y4L1	HYOU1	Hypoxia up-regulated protein 1	22.3	13
Q4V328	GRAP1	GRIP1-associated protein 1	27.5	11
P40925	MDHC	Malate dehydrogenase, cytoplasmic	47.9	18
P27816	MAP4	Microtubule-associated protein 4	27.2	13
Q7Z3D6	CN159	UPF0317 protein C14orf159, mitochondrial	21.6	11
Q96QK1	VPS35	Vacuolar protein sorting-associated protein 35	23	13
O75116	ROCK2	$\rho$ -Associated protein kinase 2	23.9	13
P06241	FYN	Tyrosine-protein kinase Fyn	24.6	11
Q14195	DPYL3	Dihydropyrimidinase-related protein 3	41.4	21
Q99719	Sep-05	Septin-5	39.6	14
Q13554	KCC2B	Ca <sup>2+</sup> /calmodulin-dependent protein kinase type II subunit $\beta$	34.1	24
P31146	COR1A	Coronin-1A	30.8	11
P50213	IDH3A	Isocitrate dehydrogenase [NAD] subunit $\alpha$ , mitochondrial	38.5	15
Q16658	FSCN1	Fascin	29.6	15
Q13228	SBP1	Selenium-binding protein 1	34.8	11
P62760	VISL1	Visinin-like protein 1	59.2	11
P48047	ATPO	ATP synthase subunit O, mitochondrial	61	12
P00918	CAH2	Carbonic anhydrase 2	62.3	12
P78352	DLG4	Disks large homolog 4	25.4	11
P63151	2ABA	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B $\alpha$ isoform	36.7	12
Q9UDY2	ZO2	Tight junction protein ZO-2	21.4	12
Q02790	FKBP4	Peptidyl-prolyl <i>cis-trans</i> isomerase FKBP4	41	12
O00499	BIN1	Myc box-dependent-interacting protein 1	27.5	16
P35222	CTNB1	Catenin $\beta$ -1	27.8	11
P17252	KPCA	Protein kinase C $\alpha$ type	30.8	14
P13073	COX41	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	56.2	11
P43304	GPDM	Glycerol-3-phosphate dehydrogenase, mitochondrial	26.1	11
Q14155	ARHG7	$\rho$ Guanine nucleotide exchange factor 7	25.7	13
P14550	AK1A1	Alcohol dehydrogenase [NADP <sup>+</sup> ]	39.4	11
P11177	ODPB	Pyruvate dehydrogenase E1 component subunit $\beta$ , mitochondrial	41.5	12
P43034	LIS1	Platelet-activating factor acetylhydrolase IB subunit $\alpha$	39.5	12
O15240	VGF	Neurosecretory protein VGF	28.1	10
P37840	SYUA	$\alpha$ -Synuclein	66.4	17
P61163	ACTZ	$\alpha$ -Centractin	41.8	13
P10515	ODP2	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial	26.3	10
Q9H0B6	KLC2	Kinesin light chain 2	29.3	12
P61604	CH10	10 kDa heat shock protein, mitochondrial	80.4	13
Q8TAM6	ERMIN	Ermin	41.6	12
P08195	4F2	4F2 cell-surface antigen heavy chain	24.6	10
Q14764	MVP	Major vault protein	23.2	11
O75781	PALM	Paralemmin-1	48.6	14

O75145	LIPA3	Liprin- $\alpha$ -3	33.3	12
Q99832	TCPH	T-complex protein 1 subunit $\eta$	25.1	11
Q12931	TRAP1	Heat shock protein 75 kDa, mitochondrial	35.1	13
Q9NQ66	PLCB1	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase $\beta$ 1	15.5	10
Q9UN36	NDRG2	Protein NDRG2	36.9	15
O60331	PI51C	Phosphatidylinositol-4-phosphate 5-kinase type-1 $\gamma$	20.7	10
Q9UQB3	CTND2	Catenin $\delta$ -2	21.1	11
Q9UBB6	NCDN	Neurochondrin	18.8	11
Q15334	L2GL1	Lethal(2) giant larvæ protein homolog 1	18.9	10
Q9UI15	TAGL3	Transgelin-3	58.8	11
Q8IXJ6	SIRT2	NAD-dependent deacetylase sirtuin-2	29.1	11
P07339	CATD	Cathepsin D	34.2	16
P80404	GABT	4-aminobutyrate aminotransferase, mitochondrial	40.6	11
P48147	PPCE	Prolyl endopeptidase	27.2	11
P31946	1433B	14-3-3 protein $\beta/\alpha$	63.4	21
P11940	PABP1	Polyadenylate-binding protein 1	31	11
P0CG48	UBC	Polyubiquitin-C	90.8	10
P61266	STX1B	Syntaxin-1B	39.2	10
P23284	PPIB	Peptidyl-prolyl <i>cis-trans</i> isomerase B	67.1	10
P17980	PRS6A	26S protease regulatory subunit 6A	35.3	10
P49802	RGS7	Regulator of G-protein signaling 7	31.9	11
P16870	CBPE	Carboxypeptidase E	31.7	11
Q9NSD9	SYFB	Phenylalanine-tRNA ligase $\beta$ subunit	18.5	10
Q9NR46	SHLB2	Endophilin-B2	38.5	9
P50993	AT1A2	Na <sup>+</sup> /K <sup>+</sup> -transporting ATPase subunit $\alpha$ -2	37.9	32
P17987	TCPA	T-complex protein 1 subunit $\alpha$	23.7	12
Q9Y4E6	WDR7	WD repeat-containing protein 7	11.7	10
Q9H115	SNAB	$\beta$ -Soluble NSF attachment protein	55.7	11
Q14515	SPRL1	SPARC-like protein 1	27.7	9
Q00325	MPCP	Phosphate carrier protein, mitochondrial	30.1	11
Q9NRW7	VPS45	Vacuolar protein sorting-associated protein 45	22.8	9
P05413	FABPH	Fatty acid-binding protein, heart	79	10
P61019	RAB2A	Ras-related protein Rab-2A	61.8	10
Q15811	ITSN1	Intersectin-1	15.9	11
Q9NVE7	PANK4	Pantothenate kinase 4	18.2	10
P11217	PYGM	Glycogen phosphorylase, muscle form	38.5	17
Q12979	ABR	Active breakpoint cluster region-related protein	20.7	9
P22061	PIMT	Protein-L-isoaspartate(D-aspartate) O-methyltransferase	44.9	16
Q96FC7	PHIPL	Phytanoyl-CoA hydroxylase-interacting protein-like	31.9	12
Q99497	PARK7	Protein DJ-1	48.7	13
Q5T5C0	STXB5	Syntaxin-binding protein 5	13.9	9
P00441	SODC	Superoxide dismutase [Cu-Zn]	53.9	11
Q14240	IF4A2	Eukaryotic initiation factor 4A-II	34.4	12
Q8IU85	KCC1D	Ca <sup>2+</sup> /calmodulin-dependent protein kinase type 1D	29.9	10
Q9UH03	Sep-03	Neuronal-specific septin-3	34.4	13



P04792	HSPB1	Heat shock protein $\beta$ -1	57.1	12
Q6H8Q1	ABLM2	Actin-binding LIM protein 2	36.5	10
P09110	THIK	3-ketoacyl-CoA thiolase, peroxisomal	37.5	10
Q00535	CDK5	Cyclin-dependent kinase 5	43.8	10
Q9NTK5	OLA1	Obg-like ATPase 1	33.8	9
Q8N111	CEND	Cell cycle exit and neuronal differentiation protein 1	71.1	17
P05090	APOD	Apolipoprotein D	45	10
O95292	VAPB	Vesicle-associated membrane protein-associated protein B/C	40.7	9
O00764	PDXK	Pyridoxal kinase	33.3	9
P47756	CAPZB	F-actin-capping protein subunit $\beta$	47.7	10
Q9HDC9	APMAP	Adipocyte plasma membrane-associated protein	29.1	12
Q02338	BDH	D- $\beta$ -Hydroxybutyrate dehydrogenase, mitochondrial	32.1	9
Q92614	MY18A	Unconventional myosin-XVIIIa	15.1	10
P16615	AT2A2	Sarcoplasmic/endoplasmic reticulum $\text{Ca}^{2+}$ ATPase 2	17.1	9
Q7Z406	MYH14	Myosin-14	15.8	13
P45985	MP2K4	Dual specificity mitogen-activated protein kinase kinase 4	48.6	9
Q9BRX8	F213A	Redox-regulatory protein FAM213A	36.7	9
Q04917	1433F	14-3-3 protein $\eta$	52.9	14
Q9GZV7	HPLN2	Hyaluronan and proteoglycan link protein 2	34.7	9
Q07960	RHG01	$\rho$ GTPase-activating protein 1	39	9
A0MZ66	SHOT1	Shootin-1	26.5	9
P27824	CALX	Calnexin	22	11
Q16851	UGPA	UTP-glucose-1-phosphate uridylyltransferase	31.9	9
Q12765	SCRN1	Secernin-1	38.2	12
P46379	BAG6	Large proline-rich protein BAG6	15	9
O43837	IDH3B	Isocitrate dehydrogenase [NAD] subunit $\beta$ , mitochondrial	33.5	10
Q9BX66	SRBS1	Sorbin and SH3 domain-containing protein 1	18.3	9
P30048	PRDX3	Thioredoxin-dependent peroxide reductase, mitochondrial	46.1	16
Q9UDY4	DNJB4	DnaJ homolog subfamily B member 4	37.4	9
P07737	PROF1	Profilin-1	67.1	10
Q9HCH3	CPNE5	Copine-5	27.7	8
P52565	GDIR1	$\rho$ GDP-dissociation inhibitor 1	50	9
P20336	RAB3A	Ras-related protein Rab-3A	44.1	10
Q9ULD0	OGDHL	2-oxoglutarate dehydrogenase-like, mitochondrial	23.5	17
O14576	DC1I1	Cytoplasmic dynein 1 intermediate chain 1	25.4	8
Q92747	ARC1A	Actin-related protein 2/3 complex subunit 1A	33	10
Q9Y6V0	PCLO	Protein piccolo	8.2	14
O95433	AHSA1	Activator of 90 kDa heat shock protein ATPase homolog 1	33.7	9
P54577	SYYC	Tyrosine-tRNA ligase, cytoplasmic	34.3	9
P50395	GDIB	Rab GDP dissociation inhibitor $\beta$	49	20
Q9Y2T3	GUAD	Guanine deaminase	30.8	9
P17858	K6PL	6-phosphofructokinase, liver type	26.9	15
P02794	FRIH	Ferritin heavy chain	51.4	12
Q9ULR3	PPM1H	Protein phosphatase 1H	19.1	9
O60784	TOM1	Target of Myb protein 1	26.4	10

Q53HC0	CCD92	Coiled-coil domain-containing protein 92	34.4	9
P50991	TCPD	T-complex protein 1 subunit $\delta$	37.5	9
Q9UBC2	EP15R	Epidermal growth factor receptor substrate 15-like 1	22.3	10
Q9Y277	VDAC3	Voltage-dependent anion-selective channel protein 3	42.8	12
O00571	DDX3X	ATP-dependent RNA helicase DDX3X	23.1	9
P62333	PRS10	26S protease regulatory subunit 10B	40.4	8
Q16543	CDC37	Hsp90 co-chaperone Cdc37	28.8	8
Q01518	CAP1	Adenylyl cyclase-associated protein 1	33.1	12
Q9NSE4	SYIM	Isoleucine-tRNA ligase, mitochondrial	13.3	9
Q9BSJ8	ESYT1	Extended synaptotagmin-1	16.4	8
P28838	AMPL	Cytosol aminopeptidase	30.6	9
Q13596	SNX1	Sorting nexin-1	21.7	8
O60861	GAS7	Growth arrest-specific protein 7	26.9	9
P27797	CALR	Calreticulin	45.6	8
Q9Y2I8	WDR37	WD repeat-containing protein 37	27.9	9
P42704	LPPRC	Leucine-rich PPR motif-containing protein, mitochondrial	19	9
Q9UHD9	UBQL2	Ubiquilin-2	22.9	10
P30044	PRDX5	Peroxiredoxin-5, mitochondrial	46.7	11
Q9UNZ2	NSF1C	NSFL1 cofactor p47	42.2	11
Q00013	EM55	55 kDa erythrocyte membrane protein	32.8	8
Q05639	EF1A2	Elongation factor 1- $\alpha$ 2	44.3	34
Q6NV74	CB055	Uncharacterized protein C2orf55	18.8	8
P61201	CSN2	COP9 signalosome complex subunit 2	28.4	9
Q92597	NDRG1	Protein NDRG1	38.1	14
P45880	VDAC2	Voltage-dependent anion-selective channel protein 2	37.1	11
P21291	CSRP1	Cysteine and glycine-rich protein 1	70.5	12
O95831	AIFM1	Apoptosis-inducing factor 1, mitochondrial	18.9	8
P04179	SODM	Superoxide dismutase [Mn], mitochondrial	42.8	8
Q66K74	MAP1S	Microtubule-associated protein 1S	18.1	8
P21397	AOFA	Amine oxidase [flavin-containing] A	28.5	10
O60268	K0513	Uncharacterized protein KIAA0513	24.6	10
O14964	HGS	Hepatocyte growth factor-regulated tyrosine kinase substrate	13.8	9
P54578	UBP14	Ubiquitin carboxyl-terminal hydrolase 14	32.6	8
Q8NC96	NECP1	Adaptin ear-binding coat-associated protein 1	31.3	11
O14745	NHRF1	Na <sup>+</sup> /H <sup>+</sup> exchange regulatory cofactor NHE-RF1	42.2	9
P00568	KAD1	Adenylate kinase isoenzyme 1	45.4	9
Q9UHG3	PCYOX	Prenylcysteine oxidase 1	24.6	8
P26641	EF1G	Elongation factor 1- $\gamma$	28.6	8
P10644	KAP0	cAMP-dependent protein kinase type I- $\alpha$ regulatory subunit	36.5	8
Q96HN2	SAHH3	Putative adenylyhomocysteinase 3	21.9	8
O14617	AP3D1	AP-3 complex subunit $\delta$ -1	16.5	8
O94905	ERLN2	Erlin-2	28.6	8
P40227	TCPZ	T-complex protein 1 subunit $\zeta$	25.8	10
P99999	CYC	Cytochrome c	59.1	8
P62140	PP1B	Serine/threonine-protein phosphatase PP1- $\beta$ catalytic subunit	26.6	9

# Synaptic SWATH for AD

11

P13804	ETFA	Electron transfer flavoprotein subunit $\alpha$ , mitochondrial	44.4	7
Q14738	2A5D	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit $\delta$ isoform	24.6	8
P09211	GSTP1	Glutathione S-transferase P	59.5	8
P35580	MYH10	Myosin-10	18	15
P61158	ARP3	Actin-related protein 3	21.8	8
Q9H1Z4	WDR13	WD repeat-containing protein 13	25	9
P14868	SYDC	Aspartate-tRNA ligase, cytoplasmic	38.1	7
Q9UPV7	K1045	Protein KIAA1045	39.5	10
P30519	HMOX2	Hæme oxygenase 2	33.5	8
Q9UPT6	JIP3	C-Jun-amino-terminal kinase-interacting protein 3	9.8	8
P30085	KCY	UMP-CMP kinase	55.6	9
Q99963	SH3G3	Endophilin-A3	40.1	8
P35998	PRS7	26S protease regulatory subunit 7	33	9
O75689	ADAP1	Arf-GAP with dual PH domain-containing protein 1	37.4	9
O00139	KIF2A	Kinesin-like protein KIF2A	23.2	8
O60716	CTND1	Catenin $\delta$ -1	21.4	8
Q99426	TBCB	Tubulin-folding cofactor B	40.2	10
P61160	ARP2	Actin-related protein 2	27.9	8
P15531	NDKA	Nucleoside diphosphate kinase A	64.5	8
Q04760	LGUL	Lactoylglutathione lyase	52.7	9
P46108	CRK	Adapter molecule crk	50	8
P69905	HBA	Hæmoglobin subunit $\alpha$	71.1	14
Q8NBX0	SCPDL	Saccharopine dehydrogenase-like oxidoreductase	22.4	7
Q14168	MPP2	MAGUK p55 subfamily member 2	25.5	8
P49189	AL9A1	4-trimethylaminobutyraldehyde dehydrogenase	22.7	8
Q9Y3I0	RTCB	tRNA-splicing ligase RtcB homolog	32.7	7
O00231	PSD11	26S proteasome non-ATPase regulatory subunit 11	27	8
P11182	ODB2	Lipoamide acyltransferase component of branched-chain $\alpha$ -keto acid dehydrogenase complex, mitochondrial	22.8	7
Q9Y6G9	DC1L1	Cytoplasmic dynein 1 light intermediate chain 1	24.7	9
Q9H4M9	EHD1	EH domain-containing protein 1	50	21
P27348	1433T	14-3-3 protein $\theta$	48.6	14
Q14974	IMB1	Importin subunit $\beta$ -1	18.2	8
P36543	VATE1	V-type proton ATPase subunit E 1	50	7
Q7L0J3	SV2A	Synaptic vesicle glycoprotein 2A	14.6	9
Q13404	UB2V1	Ubiquitin-conjugating enzyme E2 variant 1	60.5	7
P31689	DNJA1	DnaJ homolog subfamily A member 1	34	8
P04843	RPN1	Dolichyl-diphosphooligosaccharide-protein glycytransferase subunit 1	23.7	8
P60981	DEST	Destrin	56.4	11
Q8N3V7	SYNPO	Synaptopodin	17.9	7
P31040	DHSA	Succinate dehydrogenase [ubiquinone] flavoprotein subunit, mitochondrial	17	9
Q8WXG6	MADD	MAP kinase-activating death domain protein	12.5	7
Q8N3J6	CADM2	Cell adhesion molecule 2	35.6	12

O75436	VP26A	Vacuolar protein sorting-associated protein 26A	36.4	8
O95970	LGI1	Leucine-rich glioma-inactivated protein 1	21.5	7
Q9Y639	NPTN	Neuroplastin	29.9	11
P50502	F10A1	Hsc70-interacting protein	29.5	7
P78406	RAE1L	mRNA export factor	34.8	7
P43004	EAA2	Excitatory amino acid transporter 2	22	10
P36915	GNL1	Guanine nucleotide-binding protein-like 1	20.1	7
Q6PIU2	NCEH1	Neutral cholesterol ester hydrolase 1	24.3	7
Q13303	KCAB2	Voltage-gated K <sup>+</sup> channel subunit $\beta$ -2	33.5	8
Q9Y2Z0	SUGT1	Suppressor of G2 allele of SKP1 homolog	32.9	7
Q9H3Q1	BORG4	Cdc42 effector protein 4	22.8	7
Q13526	PIN1	Peptidyl-prolyl <i>cis-trans</i> isomerase NIMA-interacting 1	64.4	11
P55327	TPD52	Tumor protein D52	32.6	7
P35080	PROF2	Profilin-2	36.4	9
Q7Z4W1	DCXR	L-xylulose reductase	26.6	7
P62826	RAN	GTP-binding nuclear protein Ran	29.2	9
Q9Y266	NUDC	Nuclear migration protein nudC	39.9	8
Q08722	CD47	Leukocyte surface antigen CD47	14.9	10
P51149	RAB7A	Ras-related protein Rab-7a	41.1	8
O43396	TXNL1	Thioredoxin-like protein 1	33.6	8
O00410	IPO5	Importin-5	12.5	8
P25685	DNJB1	DnaJ homolog subfamily B member 1	28.8	7
P61088	UBE2N	Ubiquitin-conjugating enzyme E2 N	48	7
P36507	MP2K2	Dual specificity mitogen-activated protein kinase kinase 2	43.3	19
Q00577	PURA	Transcriptional activator protein Pur- $\alpha$	29.2	8
P63000	RAC1	Ras-related C3 botulinum toxin substrate 1	31.8	10
O75489	NDUS3	NADH dehydrogenase [ubiquinone] iron-sulfur protein 3, mitochondrial	46.6	8
P02689	MYP2	Myelin P2 protein	71.2	8
P22694	KAPCB	cAMP-dependent protein kinase catalytic subunit $\beta$	24.2	8
Q9ULV4	COR1C	Coronin-1C	26	7
O14910	LIN7A	Protein lin-7 homolog A	46.8	9
Q9NZR1	TMOD2	Tropomodulin-2	37.9	7
P78417	GSTO1	Glutathione S-transferase omega-1	36.1	7
P46109	CRKL	Crk-like protein	37.3	7
P10768	ESTD	S-formylglutathione hydrolase	30.9	10
Q96F85	CNRP1	CB1 cannabinoid receptor-interacting protein 1	57.3	7
P68366	TBA4A	Tubulin $\alpha$ -4A chain	71.2	120
P54289	CA2D1	Voltage-dependent Ca <sup>2+</sup> channel subunit $\alpha$ -2/ $\delta$ -1	13	7
P21283	VATC1	V-type proton ATPase subunit C 1	32.7	8
P12268	IMDH2	Inosine-5'-monophosphate dehydrogenase 2	28.6	8
P05771	KPCB	Protein kinase C $\beta$ type	23.1	10
Q14847	LASP1	LIM and SH3 domain protein 1	40.2	7
P12235	ADT1	ADP/ATP translocase 1	54.4	19
Q8NI08	NCOA7	Nuclear receptor coactivator 7	15.4	7

Synaptic SWATH for AD

13

P07099	HYEP	Epoxide hydrolase 1	24.4	7
P27361	MK03	Mitogen-activated protein kinase 3	45.4	13
Q02156	KPCE	Protein kinase C $\epsilon$ type	18.1	7
Q9NT62	ATG3	Ubiquitin-like-conjugating enzyme ATG3	23.9	7
Q9Y6I3	EPN1	Epsin-1	23.4	7
Q9P0K1	ADA22	Disintegrin & metalloproteinase domain-containing protein 22	15.5	7
P47985	UCRI	Cytochrome b-c1 complex subunit Rieske, mitochondrial	38.7	8
Q9UKG1	DP13A	DCC-interacting protein 13- $\alpha$	15.4	7
Q9Y6K8	KAD5	Adenylate kinase isoenzyme 5	31.5	7
Q9UI09	NDUAC	NADH dehydrogenase [ubiquinone] 1 $\alpha$ subcomplex subunit 12	55.2	8
Q14289	FAK2	Protein-tyrosine kinase 2- $\beta$	17.5	7
Q8N5S9	KKCC1	Ca <sup>2+</sup> /calmodulin-dependent protein kinase kinase 1	24.2	8
Q99733	NP1L4	Nucleosome assembly protein 1-like 4	24	6
O15294	OGT1	UDP-N-acetylglucosamine-peptide N-acetylglucosaminyl transferase 110 kDa subunit	13.7	6
P11413	G6PD	Glucose-6-phosphate 1-dehydrogenase	23.3	7
O00264	PGRC1	Membrane-associated progesterone receptor component 1	44.6	7
O43236	Sep-04	Septin-4	23.6	10
O15394	NCAM2	Neural cell adhesion molecule 2	15.3	7
Q92783	STAM1	Signal transducing adapter molecule 1	21.9	6
Q07866	KLC1	Kinesin light chain 1	25.7	12
P35232	PHB	Prohibitin	32	6
O95573	ACSL3	Long-chain-fatty-acid-CoA ligase 3	18.8	7
O43776	SYNC	Asparagine-tRNA ligase, cytoplasmic	19.7	6
P19021	AMD	Peptidyl-glycine $\alpha$ -amidating monooxygenase	13	6
Q92561	PHYIP	Phytanoyl-CoA hydroxylase-interacting protein	35.2	14
Q99447	PCY2	Ethanolamine-phosphate cytidylyltransferase	28.5	6
Q9BXW6	BL1	Oxysterol-binding protein-related protein 1	11.9	7
P25788	PSA3	Proteasome subunit $\alpha$ type-3	32.2	6
Q9H425	CA198	Uncharacterized protein C1orf198	42.8	7
O94826	TOM70	Mitochondrial import receptor subunit TOM70	15.6	6
Q9P0J0	NDUAD	NADH dehydrogenase [ubiquinone] 1 $\alpha$ subcomplex subunit 13	55.6	6
Q02246	CNTN2	Contactin-2	14.4	6
P51649	SSDH	Succinate-semialdehyde dehydrogenase, mitochondrial	18.9	6
P52907	CAZA1	F-actin-capping protein subunit $\alpha$ -1	41.3	7
Q14CZ8	HECAM	Hepatocyte cell adhesion molecule	29.3	7
Q9NP81	SYSM	Serine-tRNA ligase, mitochondrial	26.6	6
O43295	SRGP2	SLIT-ROBO P GTPase-activating protein 3	16.9	6
O76070	SYUG	$\gamma$ -Synuclein	91.3	6
P62328	TYB4	Thymosin $\beta$ -4	93.2	6
P52209	6PGD	6-Phosphogluconate dehydrogenase, decarboxylating	27.5	6
P00492	HPRT	Hypoxanthine-guanine phosphoribosyltransferase	36.7	6
P29218	IMPA1	Inositol monophosphatase 1	28.2	6
P10606	COX5B	Cytochrome c oxidase subunit 5B, mitochondrial	44.2	8
P07437	TBB5	Tubulin $\beta$ chain	75.2	132

P23528	COF1	Cofilin-1	63.9	13
Q6YN16	HSDL2	Hydroxysteroid dehydrogenase-like protein 2	18.2	6
Q6PUV4	CPLX2	Complexin-2	47.8	6
P49748	ACADV	Very long-chain specific acyl-CoA dehydrogenase, mitochondrial	18.5	6
P35613	BASI	Basigin	25.7	7
Q14141	Sep-06	Septin-6	35.7	20
Q16143	SYUB	$\beta$ -Synuclein	61.2	11
Q9BWM7	SFXN3	Sideroflexin-3	42.2	8
Q9UJU6	DBNL	Drebrin-like protein	31.6	7
Q99523	SORT	Sortilin	12.4	6
P43003	EAA1	Excitatory amino acid transporter 1	17.7	7
P30042	ES1	ES1 protein homolog, mitochondrial	37.7	6
P16949	STMN1	Stathmin	34.2	6
P14621	ACYP2	Acylphosphatase-2	65.7	6
Q9H0Q0	FA49A	Protein FAM49A	27.9	6
Q92743	HTRA1	Serine protease HTRA1	13.1	6
Q8N126	CADM3	Cell adhesion molecule 3	21.1	6
Q16643	DREB	Drebrin	16.5	6
Q15257	PTPA	Serine/threonine-protein phosphatase 2A activator	26.8	6
P36542	ATPG	ATP synthase subunit $\gamma$ , mitochondrial	27.2	6
P19404	NDUV2	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial	38.6	6
Q9UGV2	NDRG3	Protein NDRG3	22.4	6
Q8N6T3	ARFG1	ADP-ribosylation factor GTPase-activating protein 1	14.8	6
Q16623	STX1A	Syntaxin-1A	30.2	6
P51452	DUS3	Dual specificity protein phosphatase 3	40	6
P12532	KCRU	Creatine kinase U-type, mitochondrial	28.3	7
O14594	NCAN	Neurocan core protein	5.6	9
Q99536	VAT1	Synaptic vesicle membrane protein VAT-1 homolog	18.1	6
Q9UN37	VPS4A	Vacuolar protein sorting-associated protein 4A	27.9	8
Q08257	QOR	Quinone oxidoreductase	24.9	6
P53779	MK10	Mitogen-activated protein kinase 10	18.3	7
O75534	CSDE1	Cold shock domain-containing protein E1	18.3	6
P05165	PCCA	Propionyl-CoA carboxylase $\alpha$ chain, mitochondrial	24.5	6
Q9H6U6	BCAS3	Breast carcinoma-amplified sequence 3	9.2	6
Q07002	CDK18	Cyclin-dependent kinase 18	21.4	7
Q04837	SSBP	Single-stranded DNA-binding protein, mitochondrial	54.7	7
Q8IW45	NNRD	ATP-dependent (S)-NAD(P)H-hydrate dehydratase	25.7	6
P55060	XPO2	Exportin-2	12.1	6
Q8NFX7	STXB6	Syntaxin-binding protein 6	47.6	6
O95182	NDUA7	NADH dehydrogenase [ubiquinone] 1 $\alpha$ subcomplex subunit 7	58.4	6
P62195	PRS8	26S protease regulatory subunit 8	28.8	7
Q96GD0	PLPP	Pyridoxal phosphate phosphatase	27	6
P61978	HNRPK	Heterogeneous nuclear ribonucleoprotein K	23.8	7
Q15056	IF4H	Eukaryotic translation initiation factor 4H	47.2	7
P25686	DNJB2	DnaJ homolog subfamily B member 2	35.2	6

P22626	ROA2	Heterogeneous nuclear ribonucleoproteins A2/B1	41.6	7
Q13510	ASAH1	Acid ceramidase	23.5	6
Q9HCM2	PLXA4	Plexin-A4	10.1	9
O75122	CLAP2	CLIP-associating protein 2	16.5	8
P48643	TCPE	T-complex protein 1 subunit $\epsilon$	21.6	7
P23468	PTPRD	Receptor-type tyrosine-protein phosphatase $\delta$	6.7	8
P13861	KAP2	cAMP-dependent protein kinase type II- $\alpha$ regulatory subunit	32.2	10
Q8TDC3	BRSK1	Serine/threonine-protein kinase BRSK1	26.5	8
Q9H936	GHC1	Mitochondrial glutamate carrier 1	17.7	6
Q15904	VAS1	V-type proton ATPase subunit S1	18.1	6
P42765	THIM	3-ketoacyl-CoA thiolase, mitochondrial	25.7	6
Q15773	MLF2	Myeloid leukemia factor 2	39.9	7
Q15365	PCBP1	Poly(rC)-binding protein 1	33.4	9
O43813	LANC1	LanC-like protein 1	17.8	6
Q9ULP0	NDRG4	Protein NDRG4	20.5	6
Q9Y3F4	STRAP	Serine-threonine kinase receptor-associated protein	21.7	6
Q9NR45	SIAS	Sialic acid synthase	24	6
Q16566	KCC4	Ca <sup>2+</sup> /calmodulin-dependent protein kinase type IV	25.4	6
Q5H9L2	TCAL5	Transcription elongation factor A protein-like 5	52.4	7
Q14894	CRYM	Thiomorpholine-carboxylate dehydrogenase	22	6
P20020	AT2B1	Plasma membrane Ca <sup>2+</sup> -transporting ATPase 1	19.1	15
Q06124	PTN11	Tyrosine-protein phosphatase non-receptor type 11	20.4	6
P55011	S12A2	Solute carrier family 12 member 2	13.5	6
Q15436	SC23A	Protein transport protein Sec23A	17.5	6
P51553	IDH3G	Isocitrate dehydrogenase [NAD] subunit $\gamma$ , mitochondrial	29.8	8
P43686	PRS6B	26S protease regulatory subunit 6B	21.3	6
P05067	A4	Amyloid $\beta$ A4 protein	16.9	6
Q7KZF4	SND1	Staphylococcal nuclease domain-containing protein 1	13.5	6
P49591	SYSC	Serine-tRNA ligase, cytoplasmic	23.4	5
P68400	CSK21	Casein kinase II subunit $\alpha$	32	5
P49407	ARRB1	$\beta$ -Arrestin-1	28	6
Q9Y4F5	K0284	Protein KIAA0284	16.1	6
Q6DN90	IQEC1	IQ motif and SEC7 domain-containing protein 1	15	7
Q9UI08	EVL	Ena/VASP-like protein	33.7	6
Q15435	PP1R7	Protein phosphatase 1 regulatory subunit 7	29.7	6
Q5T5P2	SKT	Sickle tail protein homolog	12.3	6
Q7L266	ASGL1	L-asparaginase	25.3	5
P13611	CSPG2	Versican core protein	5.1	9
Q9UJW0	DCTN4	Dynactin subunit 4	25.4	5
P36957	ODO2	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial	36.9	6
Q9Y570	PPME1	Protein phosphatase methylesterase 1	26.4	6
O00170	AIP	AH receptor-interacting protein	24.2	5
O75251	NDUS7	NADH dehydrogenase [ubiquinone] iron-sulfur protein 7, mitochondrial	33.3	6

Q14344	GNA13	Guanine nucleotide-binding protein subunit $\alpha$ -13	22.3	7
Q92752	TENR	Tenascin-R	9.2	5
Q96CV9	OPTN	Optineurin	24.3	5
P29692	EF1D	Elongation factor 1- $\delta$	29.5	5
O94967	WDR47	WD repeat-containing protein 47	22.2	6
Q5SQI0	ATAT	$\alpha$ -Tubulin N-acetyltransferase	34.4	5
Q8NCB2	CAMKV	CaM kinase-like vesicle-associated protein	19.8	8
O95299	NDUAA	NADH dehydrogenase [ubiquinone] 1 $\alpha$ subcomplex subunit 10, mitochondrial	24.2	5
Q9UK22	FBX2	F-box only protein 2	25.7	5
O75874	IDHC	Isocitrate dehydrogenase [NADP] cytoplasmic	35.8	8
Q7Z6L0	PRRT2	Proline-rich transmembrane protein 2	20.9	6
Q16881	TRXR1	Thioredoxin reductase 1, cytoplasmic	17.3	6
P30626	SORCN	Sorcin	25.8	5
P42224	STAT1	Signal transducer and activator of transcription 1- $\alpha/\beta$	17.6	6
P31153	METK2	S-Adenosylmethionine synthase isoform type-2	25.1	5
P11766	ADHX	Alcohol dehydrogenase class-3	17.4	6
P22307	NLTP	Non-specific lipid-transfer protein	19.2	6
P42356	PI4KA	Phosphatidylinositol 4-kinase $\alpha$	7.7	5
Q9GZQ8	MLP3B	Microtubule-associated proteins 1A/1B light chain 3B	37.6	5
Q9UMF0	ICAM5	Intercellular adhesion molecule 5	15.7	6
Q6ZVM7	TM1L2	TOM1-like protein 2	18.9	8
Q9H9H5	MA6D1	MAP6 domain-containing protein 1	50.3	5
Q13177	PAK2	Serine/threonine-protein kinase PAK 2	35.3	11
Q9UPT5	EXOC7	Exocyst complex component 7	14.4	5
P02792	FRIL	Ferritin light chain	38.9	5
Q8WXF7	ATLA1	Atlastin-1	13.4	5
Q3ZCQ8	TIM50	Mitochondrial import inner membrane translocase subunit TIM50	18.1	5
P48426	PI42A	Phosphatidylinositol-5-phosphate 4-kinase type-2 $\alpha$	32.5	11
Q99961	SH3G1	Endophilin-A2	29.1	11
P55209	NP1L1	Nucleosome assembly protein 1-like 1	17.9	5
O75363	BCAS1	Breast carcinoma-amplified sequence 1	23	8
Q9Y243	AKT3	RAC- $\gamma$ serine/threonine-protein kinase	24.2	5
Q9HB71	CYBP	Calycyclin-binding protein	48.3	5
P38117	ETFB	Electron transfer flavoprotein subunit $\beta$	36.1	6
O43242	PSMD3	26S proteasome non-ATPase regulatory subunit 3	18.4	5
Q7Z3B1	NEGR1	Neuronal growth regulator 1	27.7	5
Q13642	FHL1	Four and a half LIM domains protein 1	17.3	5
P60660	MYL6	Myosin light polypeptide 6	45.7	6
P55795	HNRH2	Heterogeneous nuclear ribonucleoprotein H2	16.9	5
P49841	GSK3B	Glycogen synthase kinase-3 $\beta$	22.6	5
P14415	AT1B2	Na <sup>+</sup> /K <sup>+</sup> -transporting ATPase subunit $\beta$ -2	24.5	6
Q9UM22	EPDR1	Mammalian ependymin-related protein 1	25.9	7
P00915	CAH1	Carbonic anhydrase 1	26.4	5
O94919	ENDD1	Endonuclease domain-containing 1 protein	13.6	5



# Synaptic SWATH for AD

17

P47736	RPGP1	Rap1 GTPase-activating protein 1	18.4	7
Q14008	CKAP5	Cytoskeleton-associated protein 5	10.7	9
P15170	ERF3A	Eukaryotic peptide chain release factor GTP-binding subunit ERF3A	22	6
P28161	GSTM2	Glutathione S-transferase M 2	45	6
P00390	GSHR	Glutathione reductase, mitochondrial	17.2	5
P62879	GBB2	Guanine nucleotide-binding protein G <sub>i</sub> /G <sub>s</sub> /G <sub>t</sub> subunit $\beta$ -2	32.9	17
P13489	RINI	Ribonuclease inhibitor	25.8	5
O60493	SNX3	Sorting nexin-3	34.6	6
Q14914	PTGR1	Prostaglandin reductase 1	21.3	5
Q99490	AGAP2	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 2	7.2	5
Q16775	GLO2	Hydroxyacylglutathione hydrolase, mitochondrial	49.7	6
Q96F07	CYFP2	Cytoplasmic FMR1-interacting protein 2	14	5
P27448	MARK3	MAP/microtubule affinity-regulating kinase 3	20.1	5
P53677	AP3M2	AP-3 complex subunit $\mu$ -2	22.7	5
Q15276	RABE1	Rab GTPase-binding effector protein 1	15.8	5
P23515	OMGP	Oligodendrocyte-myelin glycoprotein	17.5	5
Q14247	SRC8	Src substrate cortactin	28.9	5
P13716	HEM2	$\Delta$ -aminolevulinic acid dehydratase	25.5	5
Q9UJ70	NAGK	N-acetyl-D-glucosamine kinase	23.3	6
P09382	LEG1	Galectin-1	34.8	6
P55010	IF5	Eukaryotic translation initiation factor 5	17.4	5
Q7L5N1	CSN6	COP9 signalosome complex subunit 6	22.9	5
Q5VWZ2	LYPL1	Lysophospholipase-like protein 1	29.1	5
Q16798	MAON	NADP-dependent malic enzyme, mitochondrial	18.5	5
Q15111	PLCL1	Inactive phospholipase C-like protein 1	11.5	5
P60520	GBRL2	$\gamma$ -Aminobutyric acid receptor-associated protein-like 2	45.3	5
Q9Y512	SAM50	Sorting and assembly machinery component 50 homolog	23.9	6
Q9NY65	TBA8	Tubulin $\alpha$ -8 chain	53	83
Q86YR5	GPSM1	G-protein-signaling modulator 1	23.6	5
P49006	MRP	MARCKS-related protein	72.3	6
Q4KMP7	TB10B	TBC1 domain family member 10B	16.6	6
Q9BXM9	FSD1L	FSD1-like protein	17.2	5
Q53H12	AGK	Acylglycerol kinase, mitochondrial	23.2	5
P10915	HPLN1	Hyaluronan and proteoglycan link protein 1	25.4	6
Q13200	PSMD2	26S proteasome non-ATPase regulatory subunit 2	14.3	5
O00442	RTC1	RNA 3'-terminal phosphate cyclase	22.1	5
Q07954	LRP1	Prolow-density lipoprotein receptor-related protein 1	5.1	6
O43581	SYT7	Synaptotagmin-7	25.1	5
Q7Z2K8	GRIN1	G protein-regulated inducer of neurite outgrowth 1	19.3	6
P01111	RASN	GTPase NRas	43.4	5
O43488	ARK72	Aflatoxin B1 aldehyde reductase member 2	15.9	5
P23588	IF4B	Eukaryotic translation initiation factor 4B	25	5
P37837	TALDO	Transaldolase	20.8	6

Q9NRV9	HEBP1	Hæme-binding protein 1	27	5
Q5VWJ9	SNX30	Sorting nexin-30	18.1	5
Q8IXS8	F126B	Protein FAM126B	17.9	5
P17931	LEG3	Galectin-3	28.4	5
P12814	ACTN1	$\alpha$ -Actinin-1	23.9	10
Q8IZP0	ABI1	Abl interactor 1	18.1	7
Q15818	NPTX1	Neuronal pentraxin-1	20.8	5
P10114	RAP2A	Ras-related protein Rap-2a	32.8	5
Q9C0C9	UBE2O	Ubiquitin-conjugating enzyme E2 O	9.8	5
O43681	ASNA	ATPase ASNA1	31.9	5
O14773	TPP1	Tripeptidyl-peptidase 1	9.4	5
Q14982	OPCM	Opioid-binding protein/cell adhesion molecule	18.6	5
P51665	PSD7	26S proteasome non-ATPase regulatory subunit 7	22.5	5
Q15046	SYK	Lysine-tRNA ligase	9.9	5
Q53GQ0	DHB12	Estradiol 17- $\beta$ -dehydrogenase 12	24.4	5
P34949	MPI	Mannose-6-phosphate isomerase	24.6	5
Q96CX2	KCD12	BTB/POZ domain-containing protein KCTD12	26.8	5
O75077	ADA23	Disintegrin and metalloproteinase domain-containing protein 23	10	7
Q10567	AP1B1	AP-1 complex subunit $\beta$ -1	22	15
Q96HU8	DIRA2	GTP-binding protein Di-Ras2	38.7	5
Q5T5U3	RHG21	$\rho$ GTPase-activating protein 21	8.9	5
P54727	RD23B	UV excision repair protein RAD23 homolog B	26.2	5
P21912	DHSB	Succinate dehydrogenase [ubiquinone] iron-sulfur subunit, mitochondrial	29.6	6
Q9UHY1	NRBP	Nuclear receptor-binding protein	16.1	5
Q9UII2	VATH	V-type proton ATPase subunit H	19.7	4
Q9BTV5	FSD1	Fibronectin type III and SPRY domain-containing protein 1	21.2	5
P60953	CDC42	Cell division control protein 42 homolog	26.2	6
Q9P0L0	VAPA	Vesicle-associated membrane protein-associated protein A	34.1	11
O43181	NDUS4	NADH dehydrogenase [ubiquinone] iron-sulfur protein 4, mitochondrial	33.1	6
Q92558	WASF1	Wiskott-Aldrich syndrome protein family member 1	18.3	4
P62191	PRS4	26S protease regulatory subunit 4	35.5	6
Q9HB21	PKHA1	Pleckstrin homology domain-containing family A member 1	22.8	5
O14523	C2C2L	C2 domain-containing protein 2-like	21.7	4
P48506	GSH1	Glutamate-cysteine ligase catalytic subunit	14.1	4
Q6IBS0	TWF2	Twinfilin-2	34.1	4
Q15121	PEA15	Astrocytic phosphoprotein PEA-15	30.8	5
Q9NQE9	HINT3	Histidine triad nucleotide-binding protein 3	36.3	5
Q15102	PA1B3	Platelet-activating factor acetylhydrolase IB subunit $\gamma$	32.9	4
A0AVT1	UBA6	Ubiquitin-like modifier-activating enzyme 6	9.3	4
O75382	TRIM3	Tripartite motif-containing protein 3	22.2	6
Q9UQ03	COR2B	Coronin-2B	23.3	5
P07910	HNRPC	Heterogeneous nuclear ribonucleoproteins C1/C2	20.9	5
Q9BWD1	THIC	Acetyl-CoA acetyltransferase, cytosolic	22.4	7

O75368	SH3L1	SH3 domain-binding glutamic acid-rich-like protein	52.6	5
O15144	ARPC2	Actin-related protein 2/3 complex subunit 2	31	5
P51991	ROA3	Heterogeneous nuclear ribonucleoprotein A3	31.2	4
P00387	NB5R3	NADH-cytochrome b5 reductase 3	19.9	4
O60884	DNJA2	DnaJ homolog subfamily A member 2	22.3	4
Q86WG3	ATCAY	Caytaxin	26.4	4
P08758	ANXA5	Annexin A5	25.6	4
P07108	ACBP	Acyl-CoA-binding protein	92	4
Q8TBX8	PI42C	Phosphatidylinositol-5-phosphate 4-kinase type-2 $\gamma$	23	4
O94979	SC31A	Protein transport protein Sec31A	9.6	4
P25786	PSA1	Proteasome subunit $\alpha$ type-1	22.1	4
Q96SB3	NEB2	Neurabin-2	16.3	4
P27986	P85A	Phosphatidylinositol 3-kinase regulatory subunit $\alpha$	11.1	4
Q17R89	RHG44	$\rho$ GTPase-activating protein 44	7.9	4
P36969	GPX4	Phospholipid hydroperoxide glutathione peroxidase, mitochondrial	38.1	4
P05129	KPCG	Protein kinase C $\gamma$ type	21.1	6
Q9NZL9	MAT2B	Methionine adenosyltransferase 2 subunit $\beta$	18.6	4
Q16204	CCDC6	Coiled-coil domain-containing protein 6	19.4	4
Q8IV08	PLD3	Phospholipase D3	18.6	4
P84077	ARF1	ADP-ribosylation factor 1	42	5
Q9Y2J8	PADI2	Protein-arginine deiminase type-2	14.9	4
Q9BTW9	TBCD	Tubulin-specific chaperone D	8.7	4
Q9NVJ2	ARL8B	ADP-ribosylation factor-like protein 8B	26.9	5
Q96MZ0	GD1L1	Ganglioside-induced differentiation-associated protein 1-like 1	24	4
P22234	PUR6	Multifunctional protein ADE2	10.8	4
P08574	CY1	Cytochrome c1, h�eme protein, mitochondrial	13.5	4
P16157	ANK1	Ankyrin-1	10.8	12
P12931	SRC	Proto-oncogene tyrosine-protein kinase Src	19	8
P47755	CAZA2	F-actin-capping protein subunit $\alpha$ -2	34.3	5
Q8N145	LGI3	Leucine-rich repeat LGI family member 3	11.9	4
Q13363	CTBP1	C-terminal-binding protein 1	13	4
P13797	PLST	Plastin-3	16.8	4
Q9BW30	TPPP3	Tubulin polymerization-promoting protein family member 3	54	6
P46926	GNPI1	Glucosamine-6-phosphate isomerase 1	37	4
O14818	PSA7	Proteasome subunit $\alpha$ type-7	46	4
O00401	WASL	Neural Wiskott-Aldrich syndrome protein	17.8	4
Q5T1M5	FKB15	FK506-binding protein 15	8.5	4
P30040	ERP29	Endoplasmic reticulum resident protein 29	31.8	4
O95747	OXSRI	Serine/threonine-protein kinase R1	15.4	4
Q9BTE6	AASD1	Alanyl-tRNA editing protein Aarsd1	22.1	4
Q16653	MOG	Myelin-oligodendrocyte glycoprotein	17.4	6
P62913	RL11	60S ribosomal protein L11	32	4
P50897	PPT1	Palmitoyl-protein thioesterase 1	33.7	4
P50148	GNAQ	Guanine nucleotide-binding protein G <sub>q</sub> subunit $\alpha$	23.1	5

P21399	ACOC	Cytoplasmic aconitate hydratase	9.4	4
Q9UHV9	PFD2	Prefoldin subunit 2	48.1	4
Q9GZN7	ROGDI	Protein rogdi homolog	20.2	4
Q99784	NOE1	Noelin	11.1	4
Q6UXV4	APOOL	Apolipoprotein O-like	27.6	4
Q15942	ZYX	Zyxin	15.4	5
Q13057	COASY	Bifunctional coenzyme A synthase	10.3	4
P68402	PA1B2	Platelet-activating factor acetylhydrolase IB subunit $\beta$	30.1	4
P60900	PSA6	Proteasome subunit $\alpha$ type-6	17.9	4
P43487	RANG	Ran-specific GTPase-activating protein	36.8	4
P00403	COX2	Cytochrome c oxidase subunit 2	24.2	7
Q9UJC5	SH3L2	SH3 domain-binding glutamic acid-rich-like protein 2	47.7	4
Q9UBQ7	GRHPR	Glyoxylate reductase/hydroxypyruvate reductase	18.6	4
Q99714	HCD2	3-hydroxyacyl-CoA dehydrogenase type-2	27.6	4
P82909	RT36	28S ribosomal protein S36, mitochondrial	52.4	4
P62942	FKB1A	Peptidyl-prolyl <i>cis-trans</i> isomerase FKBP1A	34.3	5
P35754	GLRX1	Glutaredoxin-1	31.1	4
O15079	SNPH	Syntaphilin	13	4
P20618	PSB1	Proteasome subunit $\beta$ type-1	31.1	4
Q9BZV1	UBXN6	UBX domain-containing protein 6	25.2	6
O15066	KIF3B	Kinesin-like protein KIF3B	15.3	5
P23246	SFPQ	Splicing factor, proline- and glutamine-rich	18.1	4
P02787	TRFE	Serotransferrin	10.3	4
Q6NVY1	HIBCH	3-Hydroxyisobutyryl-CoA hydrolase, mitochondrial	11.1	4
Q9UQ80	PA2G4	Proliferation-associated protein 2G4	17	4
Q96IU4	ABHEB	$\alpha/\beta$ Hydrolase domain-containing protein 14B	28.1	5
P39019	RS19	40S ribosomal protein S19	39.3	4
Q8IWQ3	BRSK2	Serine/threonine-protein kinase BRSK2	24.7	5
O75351	VPS4B	Vacuolar protein sorting-associated protein 4B	19.8	5
Q15084	PDIA6	Protein disulfide-isomerase A6	19.1	4
O00305	CACB4	Voltage-dependent L-type $\text{Ca}^{2+}$ channel subunit $\beta$ -4	16.5	5
Q4G0F5	VP26B	Vacuolar protein sorting-associated protein 26B	25	5
P62820	RAB1A	Ras-related protein Rab-1A	62.4	8
Q5JSH3	WDR44	WD repeat-containing protein 44	10.8	4
Q9Y6C9	MTCH2	Mitochondrial carrier homolog 2	17.5	4
Q14166	TTL12	Tubulin-tyrosine ligase-like protein 12	9.9	4
P50570	DYN2	Dynamin-2	30.1	33
Q14254	FLOT2	Flotillin-2	17.5	4
Q99627	CSN8	COP9 signalosome complex subunit 8	35.9	4
P33176	KINH	Kinesin-1 heavy chain	23.1	9
Q96L92	SNX27	Sorting nexin-27	15.3	4
P01857	IGHG1	Ig $\gamma$ -1 chain C region	21.2	4
P04080	CYTB	Cystatin-B	70.4	5
P10253	LYAG	Lysosomal $\alpha$ -glucosidase	6.5	4
P26640	SYVC	Valine-tRNA ligase	14	5

Q9P2R3	ANFY1	Ankyrin repeat and FYVE domain-containing protein 1	10.7	5
Q9GZP4	PITH1	PITH domain-containing protein 1	34.6	4
Q96FW1	OTUB1	Ubiquitin thioesterase OTUB1	24.7	4
Q07157	ZO1	Tight junction protein ZO-1	9.2	5
O43747	AP1G1	AP-1 complex subunit $\gamma$ -1	12.8	5
P07814	SYEP	Bifunctional glutamate/proline-tRNA ligase	6.8	4
O43854	EDIL3	EGF-like repeat and discoidin I-like domain-containing protein 3	13.3	4
Q9Y371	SHLB1	Endophilin-B1	22.2	4
P01034	CYTC	Cystatin-C	45.2	4
P20674	COX5A	Cytochrome c oxidase subunit 5A, mitochondrial	28	4
Q9BSD7	NTPCR	Cancer-related nucleoside-triphosphatase	28.4	4
Q8IVD9	NUDC3	NudC domain-containing protein 3	12.2	4
Q8IV01	SYT12	Synaptotagmin-12	19	4
O60825	F262	6-phosphofructo-2-kinase/fructose-2,6-bisphosphatase 2	23.6	4
P51148	RAB5C	Ras-related protein Rab-5C	31.9	4
O15511	ARPC5	Actin-related protein 2/3 complex subunit 5	43.7	4
Q13618	CUL3	Cullin-3	12	5
P09497	CLCB	Clathrin light chain B	31	4
A0FGR8	ESYT2	Extended synaptotagmin-2	11.3	4
Q8TD22	SFXN5	Sideroflexin-5	21.2	4
O75146	HIP1R	Huntingtin-interacting protein 1-related protein	16.9	4
Q12959	DLG1	Disks large homolog 1	12	6
Q9H0E2	TOLIP	Toll-interacting protein	31.4	5
Q9UIW2	PLXA1	Plexin-A1	10.8	7
O14810	CPLX1	Complexin-1	54.5	4
Q9NPJ3	ACO13	Acyl-coenzyme A thioesterase 13	33.6	4
P21266	GSTM3	Glutathione S-transferase M 3	37.3	6
Q13555	KCC2G	Ca <sup>2+</sup> /calmodulin-dependent protein kinase type II subunit $\gamma$	31	16
Q9H2X9	S12A5	Solute carrier family 12 member 5	9	4
Q8N0X7	SPG20	Spartin	13.2	4
Q969T9	WBP2	WW domain-binding protein 2	17.6	5
Q9P1Y5	CAMP3	Calmodulin-regulated spectrin-associated protein 3	14.7	6
Q9UPQ0	LIMC1	LIM and calponin homology domains-containing protein 1	17.5	5
Q96PY5	FMNL2	Formin-like protein 2	10.8	4
Q13033	STRN3	Striatin-3	9.4	4
Q9Y696	CLIC4	Cl <sup>-</sup> intracellular channel protein 4	39.1	4
P51970	NDUA8	NADH dehydrogenase [ubiquinone] 1 $\alpha$ subcomplex subunit 8	42.4	4
P30046	DOPD	D-dopachrome decarboxylase	55.9	4
Q92796	DLG3	Disks large homolog 3	17.3	4
O95630	STABP	STAM-binding protein	27.6	4
P52594	AGFG1	Arf-GAP domain and FG repeat-containing protein 1	10.3	4
P51674	GPM6A	Neuronal membrane glycoprotein M6-a	18	4
O95741	CPNE6	Copine-6	13.1	6
P30084	ECHM	Enoyl-CoA hydratase, mitochondrial	21	4
Q9Y5S2	MRCKB	Serine/threonine-protein kinase MRCK $\beta$	10.5	4

P61081	UBC12	NEDD8-conjugating enzyme Ubc12	35.5	4
P51178	PLCD1	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase $\delta$ -1	11.1	4
O15540	FABP7	Fatty acid-binding protein, brain	51.5	3
Q9UPP5	K1107	Uncharacterized protein KIAA1107	11.1	5
Q27J81	INF2	Inverted formin-2	9.5	4
P19086	GNAZ	Guanine nucleotide-binding protein G <sub>z</sub> subunit $\alpha$	20	5
P60891	PRPS1	Ribose-phosphate pyrophosphokinase 1	29.9	4
Q6PCE3	PGM2L	Glucose 1,6-bisphosphate synthase	10.1	4
Q8N608	DPP10	Inactive dipeptidyl peptidase 10	15.2	6
O95219	SNX4	Sorting nexin-4	13.8	4
P09496	CLCA	Clathrin light chain A	17.7	4
O94832	MYO1D	Unconventional myosin-Id	11.2	4
Q13409	DC1I2	Cytoplasmic dynein 1 intermediate chain 2	18.2	4
O15530	PDPK1	3-phosphoinositide-dependent protein kinase 1	24.8	3
P08247	SYPH	Synaptophysin	14.7	5
P00352	AL1A1	Retinal dehydrogenase 1	24.2	5
Q92499	DDX1	ATP-dependent RNA helicase DDX1	14.9	4
Q9NZQ3	SPN90	NCK-interacting protein with SH3 domain	13.2	3
P53621	COPA	Coatamer subunit $\alpha$	8.2	4
Q15691	MARE1	Microtubule-associated protein RP/EB family member 1	32.5	4
Q9NZW5	MPP6	MAGUK p55 subfamily member 6	16.1	6
Q15700	DLG2	Disks large homolog 2	16.4	4
P67936	TPM4	Tropomyosin $\alpha$ -4 chain	29.8	3
Q9Y4G8	RPGF2	Rap guanine nucleotide exchange factor 2	13.7	5
Q9NVS9	PNPO	Pyridoxine-5'-phosphate oxidase	28	4
P60201	MYPR	Myelin proteolipid protein	23.1	7
Q9HC38	GLOD4	Glyoxalase domain-containing protein 4	19.2	3
Q92945	FUBP2	Far upstream element-binding protein 2	10.1	3
P78344	IF4G2	Eukaryotic translation initiation factor 4 $\gamma$ 2	17.3	3
O75947	ATP5H	ATP synthase subunit d, mitochondrial	35.4	3
Q92974	ARHG2	$\rho$ Guanine nucleotide exchange factor 2	11.3	3
O43678	NDUA2	NADH dehydrogenase [ubiquinone] 1 $\alpha$ subcomplex subunit 2	54.6	3
P42858	HD	Huntingtin	6.6	5
Q13740	CD166	CD166 antigen	16.3	4
Q9NZ45	CISD1	CDGSH iron-sulfur domain-containing protein 1	42.6	4
P56181	NDUV3	NADH dehydrogenase [ubiquinone] flavoprotein 3, mitochondrial	39.8	3
P63167	DYL1	Dynein light chain 1, cytoplasmic	39.3	5
P53597	SUCA	Succinyl-CoA ligase [ADP/GDP-forming] subunit $\alpha$ , mitochondrial	26.9	8
P43155	CACP	Carnitine O-acetyltransferase	9.6	3
Q96JH7	VCIP1	Deubiquitinating protein VCIP135	14	3
Q9UFN0	NPS3A	Protein NipSnap homolog 3A	18.6	3
Q16836	HCDH	Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial	29.6	5
Q8NE62	CHDH	Choline dehydrogenase, mitochondrial	18.9	3
Q16774	KGUA	Guanylate kinase	33.5	3

Q93008	USP9X	Probable ubiquitin carboxyl-terminal hydrolase FAF-X	5.6	4
P11279	LAMP1	Lysome-associated membrane glycoprotein 1	15.8	4
P25787	PSA2	Proteasome subunit $\alpha$ type-2	27.8	3
Q13424	SNTA1	$\alpha$ -1-Syntrophin	23.6	4
O60749	SNX2	Sorting nexin-2	21.4	4
Q86UW7	CAPS2	Ca <sup>2+</sup> -dependent secretion activator 2	21.6	8
P67775	PP2AA	Serine/threonine-protein phosphatase 2A catalytic subunit $\alpha$ isoform	21.7	6
Q9P2J5	SYLC	Leucine-tRNA ligase, cytoplasmic	10.3	5
Q9NTJ5	SAC1	Phosphatidylinositol phosphatase SAC1	14.5	3
O00186	STXB3	Syntaxin-binding protein 3	17.7	4
Q8N2K0	ABD12	Monoacylglycerol lipase ABHD12	19.6	3
Q00587	BORG5	Cdc42 effector protein 1	23.3	3
Q9Y265	RUVB1	RuvB-like 1	18.6	3
P61106	RAB14	Ras-related protein Rab-14	42.8	6
Q9NYB9	ABI2	Abl interactor 2	20.3	6
Q8WW22	DNJA4	DnaJ homolog subfamily A member 4	18.4	4
Q92905	CSN5	COP9 signalosome complex subunit 5	29.9	3
O60256	KPRB	Phosphoribosyl pyrophosphate synthase-associated protein 2	16.3	3
P45381	ACY2	Aspartoacylase	22.7	5
Q5SW79	CE170	Centrosomal protein of 170 kDa	14.5	5
Q16773	KAT1	Kynurenine-oxoglutarate transaminase 1	14.5	3
Q00341	VIGLN	Vigilin	8.4	4
Q8N7J2	AMER2	APC membrane recruitment protein 2	14.9	3
Q8WVM8	SCFD1	Sec1 family domain-containing protein 1	9	3
Q9BQE5	APOL2	Apolipoprotein L2	12.5	3
O14775	GBB5	Guanine nucleotide-binding protein subunit $\beta$ -5	11.9	3
Q9P260	K1468	LisH domain and HEAT repeat-containing protein KIAA1468	9.1	3
Q9Y285	SYFA	Phenylalanine-tRNA ligase $\alpha$ subunit	17.7	3
P15880	RS2	40S ribosomal protein S2	31.1	3
P20073	ANXA7	Annexin A7	14.3	3
Q9Y6M9	NDUB9	NADH dehydrogenase [ubiquinone] 1 $\beta$ subcomplex subunit 9	40.8	3
Q9Y2C4	EXOG	Nuclease EXOG, mitochondrial	18.2	3
P31937	3HIDH	3-hydroxyisobutyrate dehydrogenase, mitochondrial	15.5	3
Q15819	UB2V2	Ubiquitin-conjugating enzyme E2 variant 2	57.2	7
Q9UMX0	UBQL1	Ubiquilin-1	24.3	7
P17612	KAPCA	cAMP-dependent protein kinase catalytic subunit $\alpha$	20.2	10
Q9Y281	COF2	Cofilin-2	59.6	8
Q14012	KCC1A	Ca <sup>2+</sup> /calmodulin-dependent protein kinase type 1	18.4	6
Q15366	PCBP2	Poly(rC)-binding protein 2	27.7	6
O75190	DNJB6	DnaJ homolog subfamily B member 6	13.5	4
Q9P1U1	ARP3B	Actin-related protein 3B	15.3	4
Q9NQX3	GEPH	Gephyrin	18.2	3
Q9NVI7	ATD3A	ATPase family AAA domain-containing protein 3A	18.6	3
Q9UNE7	CHIP	E3 ubiquitin-protein ligase CHIP	29.4	3

Q9ULH1	ASAP1	Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 1	9.3	3
Q8TF44	C2C4C	C2 Ca <sup>2+</sup> -dependent domain-containing protein 4C	21.1	3
O00533	CHL1	Neural cell adhesion molecule L1-like protein	8.9	3
Q9Y5P6	GMPPB	Mannose-1-phosphate guanyltransferase $\beta$	28.1	3
Q96CM8	ACSF2	Acyl-CoA synthetase family member 2, mitochondrial	12.2	3
Q9HAV7	GRPE1	GrpE protein homolog 1, mitochondrial	36.9	3
Q96C19	EFHD2	EF-hand domain-containing protein D2	27.9	3
P48444	COPD	Coatomer subunit $\delta$	12.7	3
P05166	PCCB	Propionyl-CoA carboxylase $\beta$ chain, mitochondrial	11	3
Q9Y653	GPR56	G-protein coupled receptor 56	10.7	3
Q9Y305	ACOT9	Acyl-coenzyme A thioesterase 9, mitochondrial	11.6	3
Q9NP97	DLRB1	Dynein light chain roadblock-type 1	56.3	3
Q9GZT8	NIF3L	NIF3-like protein 1	21.5	3
Q92529	SHC3	SHC-transforming protein 3	15.8	3
Q8WU79	SMAP2	Stromal membrane-associated protein 2	14.9	3
P59998	ARPC4	Actin-related protein 2/3 complex subunit 4	29.2	3
P49589	SYCC	Cysteine-tRNA ligase, cytoplasmic	9.1	3
O75569	PRKRA	Interferon-inducible double stranded RNA-dependent protein kinase activator A	20.5	3
O43399	TPD54	Tumor protein D54	33	3
Q9HAR2	LPHN3	Latrophilin-3	3.9	3
Q9H4G4	GAPR1	Golgi-associated plant pathogenesis-related protein 1	37	3
Q9H008	LHPP	Phospholysine phosphohistidine inorganic pyrophosphate phosphatase	17.4	4
Q96PU8	QKI	Protein quaking	19.1	3
Q92734	TFG	Protein TFG	12.8	5
Q14318	FKBP8	Peptidyl-prolyl <i>cis-trans</i> isomerase FKBP8	13.1	3
P52943	CRIP2	Cysteine-rich protein 2	38.9	3
P50995	ANX11	Annexin A11	13.7	4
P41222	PTGDS	Prostaglandin-H2 D-isomerase	32.1	3
P28074	PSB5	Proteasome subunit $\beta$ type-5	22.8	3
P19623	SPEE	Spermidine synthase	16.2	3
P17302	CXA1	Gap junction $\alpha$ -1 protein	16	3
P14314	GLU2B	Glucosidase 2 subunit $\beta$	9.5	3
P07858	CATB	Cathepsin B	13.9	6
P04216	THY1	Thy-1 membrane glycoprotein	21.1	4
O00487	PSDE	26S proteasome non-ATPase regulatory subunit 14	21	3
Q9Y6T7	DGKB	Diacylglycerol kinase $\beta$	4.5	3
Q9Y3C6	PPIL1	Peptidyl-prolyl <i>cis-trans</i> isomerase-like 1	26.5	3
Q9BRA2	TXD17	Thioredoxin domain-containing protein 17	26.8	3
Q99829	CPNE1	Copine-1	7.3	4
Q96RF0	SNX18	Sorting nexin-18	7.2	3
Q969H8	CS010	UPF0556 protein C19orf10	20.8	3
Q8TC12	RDH11	Retinol dehydrogenase 11	15.7	3
Q8IYB5	SMAP1	Stromal membrane-associated protein 1	7.7	3



Q3ZCW2	LEGL	Galectin-related protein	19.8	3
Q15907	RB11B	Ras-related protein Rab-11B	16.1	3
Q15382	RHEB	GTP-binding protein Rheb	15.8	3
P62829	RL23	60S ribosomal protein L23	19.3	3
P56556	NDUA6	NADH dehydrogenase [ubiquinone] 1 $\alpha$ subcomplex subunit 6	22.7	4
P35637	FUS	RNA-binding protein FUS	10.8	3
P22830	HEMH	Ferrochelatase, mitochondrial	9.7	3
P13798	ACPH	Acylamino-acid-releasing enzyme	4.6	3
P11310	ACADM	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial	7.6	3
O95563	BR44	Brain protein 44	26.8	3
O75964	ATP5L	ATP synthase subunit g, mitochondrial	35.9	3
O75380	NDUS6	NADH dehydrogenase [ubiquinone] iron-sulfur protein 6, mitochondrial	31.5	3
O14880	MGST3	Microsomal glutathione S-transferase 3	34.2	4
O94910	LPHN1	Latrophilin-1	3.1	3
Q9Y6R1	S4A4	Electrogenic Na <sup>+</sup> bicarbonate cotransporter 1	5.1	3
Q8NBS9	TXND5	Thioredoxin domain-containing protein 5	22.9	3
P28072	PSB6	Proteasome subunit $\beta$ type-6	17.2	4
P55087	AQP4	Aquaporin-4	18	5
Q9NQW6	ANLN	Actin-binding protein anillin	12.1	3
Q9NX63	CHCH3	Coiled-coil-helix-coiled-coil-helix domain-containing protein 3, mitochondrial	32.2	3
P48723	HSP13	Heat shock 70 kDa protein 13	13.8	3
Q13045	FLII	Protein flightless-1 homolog	3.7	3
Q9GZV4	IF5A2	Eukaryotic translation initiation factor 5A-2	24.8	4
Q9BT78	CSN4	COP9 signalosome complex subunit 4	14.5	4
Q96JG6	CC132	Coiled-coil domain-containing protein 132	7.4	3
P35573	GDE	Glycogen debranching enzyme	5.1	3
Q93009	UBP7	Ubiquitin carboxyl-terminal hydrolase 7	4.4	3
P13667	PDIA4	Protein disulfide-isomerase A4	12.1	3
Q5TC12	ATPF1	ATP synthase mitochondrial F1 complex assembly factor 1	14.9	3
O94903	PRC	Proline synthase co-transcribed bacterial homolog protein	26.9	3
Q5SNT6	FA21B	WASH complex subunit FAM21B	11.1	3
Q7L1I2	SV2B	Synaptic vesicle glycoprotein 2B	5.9	3
Q86YM7	HOME1	Homer protein homolog 1	17.2	3
Q6GMV3	PTRD1	Putative peptidyl-tRNA hydrolase PTRHD1	44.3	3
Q6PKG0	LARP1	La-related protein 1	12	3
Q9H0R4	HDHD2	Haloacid dehalogenase-like hydrolase domain-containing protein 2	26.6	3
Q8NB37	PDDC1	Parkinson disease 7 domain-containing protein 1	30.9	6
Q86Y39	NDUAB	NADH dehydrogenase [ubiquinone] 1 $\alpha$ subcomplex subunit 11	33.3	4
Q16531	DDB1	DNA damage-binding protein 1	4.8	3
Q9BXS5	AP1M1	AP-1 complex subunit $\mu$ -1	29.6	3
P22059	BP1	Oxysterol-binding protein 1	8.8	3
P16389	KCNA2	K <sup>+</sup> voltage-gated channel subfamily A member 2	7.8	3
O43318	M3K7	Mitogen-activated protein kinase kinase kinase 7	8.4	3

Q7KZI7	MARK2	Serine/threonine-protein kinase MARK2	20.6	4
Q9UL25	RAB21	Ras-related protein Rab-21	27.1	3
P12236	ADT3	ADP/ATP translocase 3	48	20
Q00536	CDK16	Cyclin-dependent kinase 16	14.5	5
Q13332	PTPRS	Receptor-type tyrosine-protein phosphatase S	6.5	4
P32418	NAC1	Na <sup>+</sup> /Ca <sup>2+</sup> exchanger 1	8.6	3
Q15075	EEA1	Early endosome antigen 1	18	4
O00330	ODPX	Pyruvate dehydrogenase protein X component, mitochondrial	15.4	4
Q9HCC0	MCCB	Methylcrotonoyl-CoA carboxylase $\beta$ chain, mitochondrial	14.2	3
Q9UBQ0	VPS29	Vacuolar protein sorting-associated protein 29	24.7	3
Q16864	VATF	V-type proton ATPase subunit F	39.5	3
P09651	ROA1	Heterogeneous nuclear ribonucleoprotein A1	21.2	5
Q9BPW8	NIPS1	Protein NipSnap homolog 1	21.1	3
Q12756	KIF1A	Kinesin-like protein KIF1A	6.8	3
Q8N4C8	MINK1	Misshapen-like kinase 1	7.2	4
Q9Y2Q0	AT8A1	Probable phospholipid-transporting ATPase IA	5.2	3
Q16698	DECR	2,4-dienoyl-CoA reductase, mitochondrial	21.8	4
Q8N9N7	LRC57	Leucine-rich repeat-containing protein 57	23.4	3
Q6F5E8	LR16C	Leucine-rich repeat-containing protein 16C	6.6	3
Q16401	PSMD5	26S proteasome non-ATPase regulatory subunit 5	9.7	3
Q13564	ULA1	NEDD8-activating enzyme E1 regulatory subunit	18	3
P12955	PEPD	Xaa-Pro dipeptidase	13	4
Q9H0F7	ARL6	ADP-ribosylation factor-like protein 6	26.3	3
P48730	KC1D	Casein kinase I isoform $\delta$	21.9	3
P54764	EPHA4	Ephrin type-A receptor 4	5.5	3
P52895	AK1C2	Aldo-keto reductase family 1 member C2	13	3
Q9NRX4	PHP14	14 kDa phosphohistidine phosphatase	60.8	3
P13693	TCTP	Translationally-controlled tumor protein	29.7	3
Q14103	HNRPD	Heterogeneous nuclear ribonucleoprotein D0	18	3
Q9NP79	VTA1	Vacuolar protein sorting-associated protein VTA1 homolog	10.8	3
O76054	S14L2	SEC14-like protein 2	17.1	3
O14548	COX7R	Cytochrome c oxidase subunit 7A-related protein, mitochondrial	52.6	3
Q9Y2X7	GIT1	ARF GTPase-activating protein GIT1	15.5	4
Q96B97	SH3K1	SH3 domain-containing kinase-binding protein 1	9.8	3
Q9Y2S2	CRYL1	$\lambda$ -Crystallin homolog	24.1	3
P84095	PG	$\rho$ -Related GTP-binding protein PG	36.7	3
Q05084	ICA69	Islet cell autoantigen 1	14.3	3
O95248	MTMR5	Myotubularin-related protein 5	10.9	3
P63092	GNAS2	Guanine nucleotide-binding protein G <sub>s</sub> subunit $\alpha$ isoform short	30.5	5
P16403	H12	Histone H1.2	39	3
P50402	EMD	Emerin	15.4	3
Q8TF74	WIPF2	WAS/WASL-interacting protein family member 2	18.2	3
Q9UHL4	DPP2	Dipeptidyl peptidase 2	17.7	3
Q96KP1	EXOC2	Exocyst complex component 2	10	3
Q96QV6	H2A1A	Histone H2A type 1-A	35.9	3

Q15293	RCN1	Reticulocalbin-1	18.7	3
Q99685	MGLL	Monoglyceride lipase	13.2	3
Q9NX40	OCAD1	OCIA domain-containing protein 1	21.6	3
Q92882	TF1	Osteoclast-stimulating factor 1	31.8	3
P09960	LKHA4	Leukotriene A-4 hydrolase	9.5	4
Q96Q05	TPPC9	Trafficking protein particle complex subunit 9	7.1	3
Q96RR4	KKCC2	Ca <sup>2+</sup> /calmodulin-dependent protein kinase kinase 2	14	5
Q96RQ3	MCCA	Methylcrotonoyl-CoA carboxylase subunit $\alpha$ , mitochondrial	21.2	3
P60866	RS20	40S ribosomal protein S20	25.2	3
P13746	1A11	HLA class I histocompatibility antigen, A-11 $\alpha$ chain	24.4	4
P42025	ACTY	$\beta$ -Centractin	39.1	10
Q9GZZ9	UBA5	Ubiquitin-like modifier-activating enzyme 5	14.6	3
Q9NUJ3	T11L1	T-complex protein 11-like protein 1	10.6	3
Q86UW8	HPLN4	Hyaluronan and proteoglycan link protein 4	20.9	4
P36405	ARL3	ADP-ribosylation factor-like protein 3	43.4	3
P62249	RS16	40S ribosomal protein S16	22.6	3
Q04446	GLGB	1,4- $\alpha$ -Glucan-branching enzyme	11.5	3
Q15843	NEDD8	NEDD8	44.4	3
Q08752	PPID	Peptidyl-prolyl <i>cis-trans</i> isomerase D	10.5	3
Q6IPX3	TCAL6	Transcription elongation factor A protein-like 6	51.5	5
Q9NUQ9	FA49B	Protein FAM49B	30.3	5
Q9Y697	NFS1	Cysteine desulfurase, mitochondrial	22.8	4
O94830	DDHD2	Phospholipase DDHD2	9.4	3
Q86TX2	ACOT1	Acyl-coenzyme A thioesterase 1	12.8	3
Q14123	PDE1C	Ca <sup>2+</sup> /calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C	13.4	3
Q13613	MTMR1	Myotubularin-related protein 1	6.9	3
P10599	THIO	Thioredoxin	39.1	6
Q86VP3	PACS2	Phosphofurin acidic cluster sorting protein 2	9	4
Q9H9A6	LRC40	Leucine-rich repeat-containing protein 40	13.6	3
P52824	DGKQ	Diacylglycerol kinase $\theta$	8.3	3
Q13617	CUL2	Cullin-2	11	4
O43852	CALU	Calumenin	22.5	3
P20916	MAG	Myelin-associated glycoprotein	7.5	2
O75663	TIPRL	TIP41-like protein	16.2	3
P14174	MIF	Macrophage migration inhibitory factor	18.3	4
P43490	NAMPT	Nicotinamide phosphoribosyltransferase	19.6	3
Q9Y6E0	STK24	Serine/threonine-protein kinase 24	16.7	3
P40121	CAPG	Macrophage-capping protein	22.7	3
P04040	CATA	Catalase	17.7	4
Q12904	AIMP1	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1	29.5	3
Q9BZF1	BL8	Oxysterol-binding protein-related protein 8	7.5	2
Q15181	IPYR	Inorganic pyrophosphatase	12.1	3
P23677	IP3KA	Inositol-trisphosphate 3-kinase A	7.8	3

Q9BR76	COR1B	Coronin-1B	21.7	4
P23634	AT2B4	Plasma membrane Ca <sup>2+</sup> -transporting ATPase 4	18.4	13
Q9UMX5	NENF	Neudesin	41.9	3
Q9BXI3	5NT1A	Cytosolic 5'-nucleotidase 1A	20.9	3
Q9UN86	G3BP2	Ras GTPase-activating protein-binding protein 2	19.5	3
Q9BW91	NUDT9	ADP-ribose pyrophosphatase, mitochondrial	12.6	3
Q13449	LSAMP	Limbic system-associated membrane protein	20.7	4
Q9H832	UBE2Z	Ubiquitin-conjugating enzyme E2 Z	9.6	3
Q9GZM8	NDEL1	Nuclear distribution protein nudE-like 1	18	2
Q8N135	LGI4	Leucine-rich repeat LGI family member 4	11	2
Q15349	KS6A2	Ribosomal protein S6 kinase $\alpha$ -2	15.7	2
O15031	PLXB2	Plexin-B2	6.3	3
Q9Y2A7	NCKP1	Nck-associated protein 1	4.7	3
P49720	PSB3	Proteasome subunit $\beta$ type-3	22	3
P49758	RGS6	Regulator of G-protein signaling 6	21	5
Q96GW7	PGCB	Brevican core protein	8.1	4
Q9UNH7	SNX6	Sorting nexin-6	23.2	2
Q9NVH1	DJC11	DnaJ homolog subfamily C member 11	11.8	2
Q68D91	MBLC2	Metallo- $\beta$ -lactamase domain-containing protein 2	19	2
P15882	CHIN	N-chimærin	19.2	2
Q5JRX3	PREP	Presequence protease, mitochondrial	12.8	3
P56192	SYMC	Methionine-tRNA ligase, cytoplasmic	10.3	2
P07203	GPX1	Glutathione peroxidase 1	31	4
Q15370	ELOB	Transcription elongation factor B polypeptide 2	22	2
Q00688	FKBP3	Peptidyl-prolyl <i>cis-trans</i> isomerase FKBP3	25.5	2
O43639	NCK2	Cytoplasmic protein NCK2	15.3	2
Q5TF21	CF174	Uncharacterized protein C6orf174	13.5	2
Q5M775	CYTSB	Cytospin-B	11	3
O95817	BAG3	BAG family molecular chaperone regulator 3	12.2	3
Q8TB36	GDAP1	Ganglioside-induced differentiation-associated protein 1	12.9	3
O60763	USO1	General vesicular transport factor p115	9.3	3
Q9NRD5	PICK1	PRKCA-binding protein	16.9	2
P25325	THTM	3-mercaptopyruvate sulfurtransferase	19.5	3
Q8WXD2	SCG3	Secretogranin-3	20.9	2
Q4G0N4	NAKD1	NAD kinase domain-containing protein 1	25.6	2
Q96EY1	DNJA3	DnaJ homolog subfamily A member 3, mitochondrial	12.9	3
P55036	PSMD4	26S proteasome non-ATPase regulatory subunit 4	14.9	3
Q9UEW8	STK39	STE20/SPS1-related proline-alanine-rich protein kinase	20.7	3
P51693	APLP1	Amyloid-like protein 1	11.4	2
Q9NRG7	D39U1	Epimerase family protein SDR39U1	18.5	2
P55290	CAD13	Cadherin-13	9.1	6
P22570	ADRO	NADPH:adrenodoxin oxidoreductase, mitochondrial	18.9	2
O14936	CSKP	Peripheral plasma membrane protein CASK	9.8	2
O00213	APBB1	Amyloid $\beta$ A4 precursor protein-binding family B member 1	8.9	2
P49593	PPM1F	Protein phosphatase 1F	8.6	2

Q9H2G2	SLK	STE20-like serine/threonine-protein kinase	10	2
P30043	BLVRB	Flavin reductase (NADPH)	35.9	2
P16298	PP2BB	Serine/threonine-protein phosphatase 2B catalytic subunit $\beta$ isoform	33.6	11
P22102	PUR2	Trifunctional purine biosynthetic protein adenine-3	6.3	2
P28066	PSA5	Proteasome subunit $\alpha$ type-5	19.5	2
Q9H3Z4	DNJC5	DnaJ homolog subfamily C member 5	29.3	5
Q9BXF6	RFIP5	Rab11 family-interacting protein 5	14.6	2
P15311	EZRI	Ezrin	26.8	7
Q9P2U7	VGLU1	Vesicular glutamate transporter 1	12.9	2
O95057	DIRA1	GTP-binding protein Di-Ras1	26.8	4
Q9NUU7	DD19A	ATP-dependent RNA helicase DDX19A	11.1	2
O75880	SCO1	Protein SCO1 homolog, mitochondrial	14.6	2
Q8IYI6	EXOC8	Exocyst complex component 8	14.8	2
P23526	SAHH	Adenosylhomocysteinase	13.2	3
Q13884	SNTB1	$\beta$ -1-Syntrophin	16.5	2
Q9UJD0	RIMS3	Regulating synaptic membrane exocytosis protein 3	27.6	3
P53992	SC24C	Protein transport protein Sec24C	5.5	2
P01303	NPY	Pro-neuropeptide Y	41.2	2
Q66LE6	2ABD	Serine/threonine-protein phosphatase 2A 55 kDa regulatory subunit B $\delta$ isoform	25.6	5
Q9Y4W6	AFG32	AFG3-like protein 2	13.7	3
Q13362	2A5G	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit $\gamma$ isoform	21.2	2
Q08AD1	CAMP2	Calmodulin-regulated spectrin-associated protein 2	7.9	2
Q9H3S7	PTN23	Tyrosine-protein phosphatase non-receptor type 23	7.7	2
Q9H269	VPS16	Vacuolar protein sorting-associated protein 16 homolog	11.7	2
P61328	FGF12	Fibroblast growth factor 12	24.7	2
Q96BJ3	AIDA	Axin interactor, dorsalization-associated protein	25.5	2
Q08AE8	SPIR1	Protein spire homolog 1	10.9	2
P23396	RS3	40S ribosomal protein S3	29.2	2
Q92890	UFD1	Ubiquitin fusion degradation protein 1 homolog	19.9	2
Q8TEA8	DTD1	D-tyrosyl-tRNA(Tyr) deacylase 1	46.9	2
P78318	IGBP1	Immunoglobulin-binding protein 1	19.5	2
Q16778	H2B2E	Histone H2B type 2-E	34.1	2
A1L0T0	ILVBL	Acetolactate synthase-like protein	9.7	2
Q8NBF6	AVL9	Late secretory pathway protein AVL9 homolog	4.3	2
P56134	ATPK	ATP synthase subunit f, mitochondrial	34	2
Q9BVA1	TBB2B	Tubulin $\beta$ -2B chain	75.1	139
P68371	TBB4B	Tubulin $\beta$ -4B chain	76.2	142
Q96E17	RAB3C	Ras-related protein Rab-3C	38.3	9
P60842	IF4A1	Eukaryotic initiation factor 4A-I	35.2	8
P20337	RAB3B	Ras-related protein Rab-3B	37	7
Q13310	PABP4	Polyadenylate-binding protein 4	14.4	5
Q9P227	RHG23	$\rho$ GTPase-activating protein 23	11.1	4
Q9H492	MLP3A	Microtubule-associated proteins 1A/1B light chain 3A	29.8	4

P61225	RAP2B	Ras-related protein Rap-2b	25.1	4
P11274	BCR	Breakpoint cluster region protein	11.8	3
Q6ZWB6	KCTD8	BTB/POZ domain-containing protein KCTD8	17.3	3
P49840	GSK3A	Glycogen synthase kinase-3 $\alpha$	16.6	3
P15121	ALDR	Aldose reductase	12.3	3
P19784	CSK22	Casein kinase II subunit $\alpha'$	15.1	3
Q9UPR0	PLCL2	Inactive phospholipase C-like protein 2	5.4	3
P62834	RAP1A	Ras-related protein Rap-1A	20.1	3
O43815	STRN	Striatin	8.7	3
P33402	GCYA2	Guanylate cyclase soluble subunit $\alpha$ -2	16	3
Q9Y2I1	NISCH	Nischarin	5.4	2
Q9UH62	ARMX3	Armadillo repeat-containing X-linked protein 3	19.8	2
Q9H1K0	RBNS5	Rabenyn-5	10.6	2
Q05469	LIPS	Hormone-sensitive lipase	10.4	2
Q9P265	DIP2B	Disco-interacting protein 2 homolog B	4.8	2
Q8NFV4	ABHDB	$\alpha/\beta$ Hydrolase domain-containing protein 11	29.2	2
Q9H479	FN3K	Fructosamine-3-kinase	32.4	2
Q8IYB4	PEX5R	PEX5-related protein	10.1	2
Q6PI48	SYDM	Aspartate-tRNA ligase, mitochondrial	11	2
P29120	NEC1	Neuroendocrine convertase 1	13.3	2
Q9Y5K5	UCHL5	Ubiquitin carboxyl-terminal hydrolase isozyme L5	16.4	2
Q9BVA0	KTNB1	Katanin p80 WD40-containing subunit B1	13.9	2
Q99614	TTC1	Tetratricopeptide repeat protein 1	20.9	2
Q684P5	RPGP2	Rap1 GTPase-activating protein 2	10	2
Q5T8D3	ACBD5	Acyl-CoA-binding domain-containing protein 5	12.2	2
Q16186	ADRM1	Proteasomal ubiquitin receptor ADRM1	16.2	2
Q08380	LG3BP	Galectin-3-binding protein	10.4	2
Q00796	DHSO	Sorbitol dehydrogenase	21.9	2
P53004	BIEA	Biliverdin reductase A	19.3	2
P30520	PURA2	Adenyluccinate synthetase isozyme 2	11.6	3
O95140	MFN2	Mitofusin-2	8.1	2
O75044	FNBP2	SLIT-ROBO P GTPase-activating protein 2	5.2	2
O14744	ANM5	Protein arginine N-methyltransferase 5	8.8	2
O00562	PITM1	Membrane-associated phosphatidylinositol transfer protein 1	6.3	2
Q9UF11	PKHB1	Pleckstrin homology domain-containing family B member 1	19.8	2
Q9P0J1	PDP1	[Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 1, mitochondrial	7.4	2
Q9H1V8	S6A17	Na <sup>+</sup> -dependent neutral amino acid transporter SLC6A17	7.6	2
Q9BPX5	ARP5L	Actin-related protein 2/3 complex subunit 5-like protein	34.6	2
Q96PE5	OPALI	Opalin	25.5	2
Q8NFZ8	CADM4	Cell adhesion molecule 4	13.4	2
Q8NBN7	RDH13	Retinol dehydrogenase 13	12.7	2
Q15126	PMVK	Phosphomevalonate kinase	29.2	2
Q14677	EPN4	Clathrin interactor 1	11.2	2
Q13131	AAPK1	5'-AMP-activated protein kinase catalytic subunit $\alpha$ -1	10.9	2

Q01844	EWS	RNA-binding protein EWS	8.8	2
P62745	PB	$\rho$ -Related GTP-binding protein PB	18.9	3
P23258	TBG1	Tubulin $\gamma$ -1 chain	9.8	2
P20810	ICAL	Calpastatin	10.2	2
P14866	HNRPL	Heterogeneous nuclear ribonucleoprotein L	15.1	2
O96000	NDUBA	NADH dehydrogenase [ubiquinone] 1 $\beta$ subcomplex subunit 10	35.5	3
O75170	PP6R2	Serine/threonine-protein phosphatase 6 regulatory subunit 2	5.7	2
O43741	AAKB2	5'-AMP-activated protein kinase subunit $\beta$ -2	15.8	2
Q9Y296	TPPC4	Trafficking protein particle complex subunit 4	14.6	2
Q9UL26	RB22A	Ras-related protein Rab-22A	17.5	2
Q9UHA4	LTOR3	Ragulator complex protein LAMTOR3	43.6	2
Q9P121	NTRI	Neurotrimin	9.3	2
Q96AB3	ISOC2	Isochorismatase domain-containing protein 2, mitochondrial	26.3	2
Q8N4Q0	ZADH2	Zinc-binding alcohol dehydrogenase domain-containing protein 2	9.8	2
Q86X76	NIT1	Nitrilase homolog 1	11.9	2
Q643R3	LPCT4	Lysophospholipid acyltransferase LPCAT4	6.1	2
Q3LXA3	DHAK	Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing)	7.1	2
Q14576	ELAV3	ELAV-like protein 3	10.4	2
Q14157	UBP2L	Ubiquitin-associated protein 2-like	3.7	2
Q13049	TRI32	E3 ubiquitin-protein ligase TRIM32	6	2
Q07343	PDE4B	cAMP-specific 3',5'-cyclic phosphodiesterase 4B	5.8	2
P63313	TYB10	Thymosin $\beta$ -10	77.3	2
P62158	CALM	Calmodulin	30.2	2
P57105	SYJ2B	Synaptojanin-2-binding protein	25.5	2
P53805	RCAN1	Calcipressin-1	13.1	2
P51513	NOVA1	RNA-binding protein Nova-1	8.4	2
P39656	T48	Dolichyl-diphosphooligosaccharide-protein glycosyltransferase 48 kDa subunit	6.4	2
P34897	GLYM	Serine hydroxymethyltransferase, mitochondrial	10.5	2
P25789	PSA4	Proteasome subunit $\alpha$ type-4	10.3	2
P24539	AT5F1	ATP synthase subunit B1, mitochondrial	14.5	2
P23610	F8I2	Factor VIII intron 22 protein	11.1	2
P19022	CADH2	Cadherin-2	4.7	2
P11233	RALA	Ras-related protein Ral-A	18.9	2
P07384	CAN1	Calpain-1 catalytic subunit	4.6	2
P04156	PRIO	Major prion protein	15	3
O95352	ATG7	Ubiquitin-like modifier-activating enzyme ATG7	5.4	2
O75521	ECI2	Enoyl-CoA $\delta$ isomerase 2, mitochondrial	9.6	2
O75381	PEX14	Peroxisomal membrane protein PEX14	8.2	2
O14734	ACOT8	Acyl-coenzyme A thioesterase 8	13.2	2
Q9Y4P8	WIP12	WD repeat domain phosphoinositide-interacting protein 2	8.6	2
Q9UD71	PPR1B	Protein phosphatase 1 regulatory subunit 1B	15.7	2
Q9NS86	LANC2	LanC-like protein 2	6.9	2
Q9NPA0	CO024	UPF0480 protein C15orf24	12	2

Q9H2H8	PPIL3	Peptidyl-prolyl <i>cis-trans</i> isomerase-like 3	20.5	2
Q9H0W9	CK054	Ester hydrolase C11orf54	5.7	2
Q99767	APBA2	Amyloid $\beta$ A4 precursor protein-binding family A member 2	3.6	2
Q96IX5	USMG5	Up-regulated during skeletal muscle growth protein 5	44.8	2
Q96GK7	FAH2A	Fumarylacetoacetate hydrolase domain-containing protein 2A	10.2	2
Q96DZ1	ERLEC	Endoplasmic reticulum lectin 1	6.8	2
Q8WUH6	CL023	UPF0444 transmembrane protein C12orf23	35.3	2
Q8TBF2	PGFS	Prostamide/prostaglandin F synthase	13.6	2
Q6UUV9	CRTC1	CREB-regulated transcription coactivator 1	5	2
Q6FI81	CPIN1	Anamorsin	9.9	2
Q16718	NDUA5	NADH dehydrogenase [ubiquinone] 1 $\alpha$ subcomplex subunit 5	22.4	2
Q15185	TEBP	Prostaglandin E synthase 3	20	4
Q15165	PON2	Serum paraoxonase/arylesterase 2	7.1	2
Q14353	GAMT	Guanidinoacetate N-methyltransferase	13.1	2
Q13126	MTAP	S-methyl-5'-thioadenine phosphorylase	9.9	2
Q10713	MPPA	Mitochondrial-processing peptidase subunit $\alpha$	4.4	2
P61956	SUMO2	Small ubiquitin-related modifier 2	33.7	2
P58549	FXYP7	FXYP domain-containing ion transport regulator 7	20	2
P58546	MTPN	Myotrophin	30.5	2
P52758	UK114	Ribonuclease UK114	19	2
P42677	RS27	40S ribosomal protein S27	31	2
P30049	ATPD	ATP synthase subunit $\delta$ , mitochondrial	13.7	2
P27144	KAD4	Adenylate kinase isoenzyme 4, mitochondrial	9.9	2
P26885	FKBP2	Peptidyl-prolyl <i>cis-trans</i> isomerase FKBP2	9.2	2
P14854	CX6B1	Cytochrome c oxidase subunit 6B1	30.2	3
P05387	RLA2	60S acidic ribosomal protein P2	27	2
P03915	NU5M	NADH-ubiquinone oxidoreductase chain 5	6.1	2
P01834	IGKC	Ig $\kappa$ chain C region	35.9	2
O43761	SNG3	Synaptogyrin-3	9.6	2
O43759	SNG1	Synaptogyrin-1	10.3	2
O00560	SDCB1	Syntenin-1	7	2
O00217	NDUS8	NADH dehydrogenase [ubiquinone] iron-sulfur protein 8, mitochondrial	10	3
O43390	HNRPR	Heterogeneous nuclear ribonucleoprotein R	14.4	2
Q8NDA8	HTR7A	HEAT repeat-containing protein 7A	5.7	4
Q96HE7	ERO1A	ERO1-like protein $\alpha$	12.8	2
Q8TAC9	SCAM5	Secretory carrier-associated membrane protein 5	12.8	2
Q99726	ZNT3	Zinc transporter 3	14.2	2
P47224	MSS4	Guanine nucleotide exchange factor MSS4	32.5	2
Q13557	KCC2D	Ca <sup>2+</sup> /calmodulin-dependent protein kinase type II subunit $\delta$	27.1	17
Q9NZ56	FMN2	Formin-2	5.6	2
Q96ID5	IGS21	Immunoglobulin superfamily member 21	6.4	2
P18433	PTPRA	Receptor-type tyrosine-protein phosphatase $\alpha$	5.5	2
O60488	ACSL4	Long-chain-fatty-acid-CoA ligase 4	9.6	2
Q9NR31	SAR1A	GTP-binding protein SAR1a	22.2	2



O75914	PAK3	Serine/threonine-protein kinase PAK 3	32.2	11
Q9BX68	HINT2	Histidine triad nucleotide-binding protein 2, mitochondrial	38	2
Q6GYQ0	RGPA1	Ral GTPase-activating protein subunit $\alpha$ -1	4.3	2
Q8NFH8	REPS2	RalBP1-associated Eps domain-containing protein 2	12.7	2
Q9UI40	NCKX2	Na <sup>+</sup> /K <sup>+</sup> /Ca <sup>2+</sup> exchanger 2	7.3	2
P30405	PPIF	Peptidyl-prolyl <i>cis-trans</i> isomerase F, mitochondrial	33.8	2
P01009	A1AT	$\alpha$ -1-Antitrypsin	22.5	2
O00483	NDUA4	NADH dehydrogenase [ubiquinone] 1 $\alpha$ subcomplex subunit 4	46.9	4
Q16890	TPD53	Tumor protein D53	16.2	2
O75396	SC22B	Vesicle-trafficking protein SEC22b	17.7	2
O95139	NDUB6	NADH dehydrogenase [ubiquinone] 1 $\beta$ subcomplex subunit 6	37.5	3
Q9BR01	ST4A1	Sulfotransferase 4A1	23.2	2
P07686	HEXB	$\beta$ -Hexaminidase subunit $\beta$	19.6	3
O14974	MYPT1	Protein phosphatase 1 regulatory subunit 12A	9.7	3
Q8IVF2	AHNK2	Protein AHNAK2	12.5	3
P14927	QCR7	Cytochrome b-c1 complex subunit 7	25.2	3
O95372	LYPA2	Acyl-protein thioesterase 2	15.2	2
P54687	BCAT1	Branched-chain-amino-acid aminotransferase, cytosolic	3.4	2
O15085	ARHGB	$\rho$ Guanine nucleotide exchange factor 11	15.9	3
P15559	NQO1	NAD(P)H dehydrogenase [quinone] 1	13.5	2
Q8N6N2	TTC9B	Tetratricopeptide repeat protein 9B	15.9	2
O75410	TACC1	Transforming acidic coiled-coil-containing protein 1	9.8	2
P19105	ML12A	Myosin regulatory light chain 12A	18.7	2
O95394	AGM1	Phosphoacetylglucosamine mutase	18.5	2
Q96DB2	HDA11	Histone deacetylase 11	11.2	2
Q9H444	CHM4B	Charged multivesicular body protein 4b	15.2	2
O75340	PDCD6	Programmed cell death protein 6	16.8	2
O60645	EXOC3	Exocyst complex component 3	14.2	3
P48556	PSMD8	26S proteasome non-ATPase regulatory subunit 8	14	3
Q9Y5K8	VATD	V-type proton ATPase subunit D	14.2	2
Q92530	PSMF1	Proteasome inhibitor PI31 subunit	15.9	2
Q12851	M4K2	Mitogen-activated protein kinase kinase kinase kinase 2	3.9	2
Q9P2E9	RRBP1	Ribosome-binding protein 1	21.7	3
Q9UID3	FFR	Protein fat-free homolog	9.7	3
Q86SX6	GLRX5	Glutaredoxin-related protein 5, mitochondrial	21	2
Q9Y6R0	NUMBL	Numb-like protein	5.9	2
Q86VQ1	GLCI1	Glucocorticoid-induced transcript 1 protein	11.2	2
Q9Y4F1	FARP1	FERM, PGEF and pleckstrin domain-containing protein 1	3.8	2
Q9BV20	MTNA	Methylthioribose-1-phosphate isomerase	10	2
Q7Z3U7	MON2	Protein MON2 homolog	4	2
Q969L2	MAL2	Protein MAL2	18.2	2
Q9C0D0	PHAR1	Phosphatase and actin regulator 1	9.1	2
Q9NV96	CC50A	Cell cycle control protein 50A	11.6	3
P30740	ILEU	Leukocyte elastase inhibitor	8.2	2
P00966	ASSY	Argininosuccinate synthase	10.9	2

Q9NP72	RAB18	Ras-related protein Rab-18	22.3	3
Q9UBI1	COMD3	COMM domain-containing protein 3	24.6	3
P62993	GRB2	Growth factor receptor-bound protein 2	16.6	2
P61421	VA0D1	V-type proton ATPase subunit d 1	11.1	2
A6NL28	TPM3L	Putative tropomyosin $\alpha$ -3 chain-like protein	19.7	2
Q8IVF5	TIAM2	T-lymphoma invasion and metastasis-inducing protein 2	9.8	3
Q9HAT2	SIAE	Sialate O-acetyltransferase	5	2
Q9NZJ7	MTCH1	Mitochondrial carrier homolog 1	11.1	3
Q9UNA1	RHG26	$\rho$ GTPase-activating protein 26	9.5	2
Q3YEC7	RBEL1	Rab-like protein 1	4.4	2
P49755	TMEDA	Transmembrane emp24 domain-containing protein 10	21.5	2
Q03001	DYST	Dystonin	6	5
P20340	RAB6A	Ras-related protein Rab-6A	27.9	3
Q53HC9	TSSC1	Protein TSSC1	20.2	3
Q9NQ48	LZTL1	Leucine zipper transcription factor-like protein 1	21.1	2
Q9NNW7	TRXR2	Thioredoxin reductase 2, mitochondrial	9	2
O96008	TOM40	Mitochondrial import receptor subunit TOM40 homolog	10	2
O14733	MP2K7	Dual specificity mitogen-activated protein kinase kinase 7	20.8	2
P28676	GRAN	Grancalcin	15.7	2
Q9Y5X1	SNX9	Sorting nexin-9	7.9	2
O14562	UBFD1	Ubiquitin domain-containing protein UBFD1	15.5	2
P28070	PSB4	Proteasome subunit $\beta$ type-4	9.1	2
O43772	MCAT	Mitochondrial carnitine/acylcarnitine carrier protein	9	2
Q9H270	VPS11	Vacuolar protein sorting-associated protein 11 homolog	9.7	2
Q6ZVL6	CK041	UPF0606 protein C11orf41	4.9	2
O94985	CSTN1	Calsyntenin-1	5	2
Q8N766	K0090	Uncharacterized protein KIAA0090	6	2
Q9UJH6	SHPK	Sedoheptulokinase	6.9	2
P63096	GNAI1	Guanine nucleotide-binding protein G <sub>i</sub> subunit $\alpha$ -1	19.2	5
O95721	SNP29	Synaptosomal-associated protein 29	29.8	2
Q9UQN3	CHM2B	Charged multivesicular body protein 2b	26.8	2
Q13586	STIM1	Stromal interaction molecule 1	20.3	2
O76041	NEBL	Nebulette	11.9	4
Q9NRA0	SPHK2	Sphingosine kinase 2	4.1	2
O00232	PSD12	26S proteasome non-ATPase regulatory subunit 12	4.4	2
Q15067	ACOX1	Peroxisomal acyl-coenzyme A oxidase 1	7.4	2
Q8N8S7	ENAH	Protein enabled homolog	13.9	2
P61221	ABCE1	ATP-binding cassette sub-family E member 1	11.5	2
P06132	DCUP	Uroporphyrinogen decarboxylase	10.4	2
Q5FWE3	PRRT3	Proline-rich transmembrane protein 3	5.2	2
Q7Z460	CLAP1	CLIP-associating protein 1	7.2	4
Q15223	PVRL1	Poliovirus receptor-related protein 1	10.4	2
O95865	DDAH2	N <sub>G</sub> ,N <sub>G</sub> -dimethylarginine dimethylaminohydrolase 2	28.8	3
P62805	H4	Histone H4	49.5	2
P61077	UB2D3	Ubiquitin-conjugating enzyme E2 D3	14.3	2

P21589	5NTD	5'-nucleotidase	6.1	2
Q96S90	LYSM1	LysM and putative peptidoglycan-binding domain-containing protein 1	19.8	2
O15145	ARPC3	Actin-related protein 2/3 complex subunit 3	27.5	2
P12694	ODBA	2-oxoisovalerate dehydrogenase subunit $\alpha$ , mitochondrial	17.8	2
O43739	CYH3	Cytohesin-3	10	2
O75131	CPNE3	Copine-3	8.4	4
P23381	SYWC	Tryptophan-tRNA ligase, cytoplasmic	11.5	3
Q9UHD1	CHRD1	Cysteine and histidine-rich domain-containing protein 1	9.6	3
O95319	CELF2	CUGBP Elav-like family member 2	11.4	2
Q99250	SCN2A	Na <sup>+</sup> channel protein type 2 subunit $\alpha$	6.1	3
Q6PI78	TMM65	Transmembrane protein 65	17.9	2
Q8TCS8	PNPT1	Polyribonucleotide nucleotidyltransferase 1, mitochondrial	11.9	2
Q9GZS3	WDR61	WD repeat-containing protein 61	20	2
Q6IAA8	LTOR1	Ragulator complex protein LAMTOR1	15.5	2
Q969X5	ERGI1	Endoplasmic reticulum-Golgi intermediate compartment protein 1	7.6	2
O60664	PLIN3	Perilipin-3	6.9	2
Q9GZY8	MFF	Mitochondrial fission factor	12.3	2
O00743	PPP6	Serine/threonine-protein phosphatase 6 catalytic subunit	8.2	2
Q9BS92	NPS3B	Protein NipSnap homolog 3B	21.5	3
Q6KCM7	SCMC2	Ca <sup>2+</sup> -binding mitochondrial carrier protein SCaMC-2	5.1	2
Q16720	AT2B3	Plasma membrane Ca <sup>2+</sup> -transporting ATPase 3	16	12
P63027	VAMP2	Vesicle-associated membrane protein 2	49.1	2
Q96A49	SYAP1	Synapse-associated protein 1	30.1	2
Q96AX1	VP33A	Vacuolar protein sorting-associated protein 33A	13.4	2
Q7Z6Z7	HUWE1	E3 ubiquitin-protein ligase HUWE1	4.9	4
Q92871	PMM1	Phosphomannomutase 1	19.9	2
O95670	VATG2	V-type proton ATPase subunit G 2	44.1	2
P05204	HMGN2	Non-histone chromosomal protein HMG-17	51.1	2
P42785	PCP	Lysosomal Pro-X carboxypeptidase	7.7	1
P21333	FLNA	Filamin-A	5.4	3
O43615	TIM44	Mitochondrial import inner membrane translocase subunit TIM44	7.3	2
Q5SQN1	SNP47	Synaptosomal-associated protein 47	4.7	2
P48637	GSHB	Glutathione synthetase	11	2
O14980	XPO1	Exportin-1	4.9	2
O43865	SAHH2	Putative adenylyhomocysteinase 2	25.1	8
P02649	APOE	Apolipoprotein E	21.1	2
P49773	HINT1	Histidine triad nucleotide-binding protein 1	38.1	3
O94805	ACL6B	Actin-like protein 6B	10.3	2
P45983	MK08	Mitogen-activated protein kinase 8	19.9	6
Q13614	MTMR2	Myotubularin-related protein 2	5.1	2
Q9Y2Q3	GSTK1	Glutathione S-transferase $\kappa$ 1	11.5	2
P05362	ICAM1	Intercellular adhesion molecule 1	8.1	2
Q14444	CAPR1	Caprin-1	11.1	2
P30837	AL1B1	Aldehyde dehydrogenase X, mitochondrial	9.9	3

O14827	RGRF2	Ras-specific guanine nucleotide-releasing factor 2	7	2
P26196	DDX6	Probable ATP-dependent RNA helicase DDX6	17.2	2
Q96BM9	ARL8A	ADP-ribosylation factor-like protein 8A	24.2	4
Q9ULH7	MKL2	MKL/myocardin-like protein 2	6.3	2
Q9BWS9	CHID1	Chitinase domain-containing protein 1	11.5	2
Q08174	PCDH1	Protocadherin-1	7.5	3
P49902	5NTC	Cytosolic purine 5'-nucleotidase	7.5	2
Q15042	RB3GP	Rab3 GTPase-activating protein catalytic subunit	12.7	2
O75431	MTX2	Metaxin-2	10.3	1
Q9Y2E4	DIP2C	Disco-interacting protein 2 homolog C	6.5	2
Q6NXS1	IPP2M	Putative protein phosphatase inhibitor 2-like protein 3	34.6	1
O00273	DFFA	DNA fragmentation factor subunit $\alpha$	13.9	2
P62244	RS15A	40S ribosomal protein S15a	26.2	1
Q9Y230	RUVB2	RuvB-like 2	13	1
Q9NUB1	ACS2L	Acetyl-coenzyme A synthetase 2-like, mitochondrial	8.1	1
Q9UMY4	SNX12	Sorting nexin-12	39	3
Q9Y333	LSM2	U6 snRNA-associated Sm-like protein LSm2	28.4	1
P02679	FIBG	Fibrinogen $\gamma$ chain	7.3	1
Q01650	LAT1	Large neutral amino acids transporter small subunit 1	4.5	1
Q9Y3A5	SBDS	Ribosome maturation protein SBDS	22.4	1
Q8IXI2	MIRO1	Mitochondrial P GTPase 1	7.6	2
P53602	MVD1	Diphosphomevalonate decarboxylase	8.8	1
P18206	VINC	Vinculin	14.5	2
P49915	GUAA	GMP synthase [glutamine-hydrolyzing]	6.1	1
P63244	GBLP	Guanine nucleotide-binding protein subunit $\beta$ -2-like 1	14.2	1
P04049	RAF1	RAF proto-oncogene serine/threonine-protein kinase	6.2	1
P05230	FGF1	Fibroblast growth factor 1	23.9	1
P52429	DGKE	Diacylglycerol kinase $\epsilon$	4.4	1
P52564	MP2K6	Dual specificity mitogen-activated protein kinase kinase 6	13.5	1
Q9HCJ6	VAT1L	Synaptic vesicle membrane protein VAT-1 homolog-like	17.9	1
O00408	PDE2A	cGMP-dependent 3',5'-cyclic phosphodiesterase	7.8	1
Q15120	PDK3	[Pyruvate dehydrogenase [lipoamide]] kinase isozyme 3, mitochondrial	16.8	1
Q9NUP9	LIN7C	Protein lin-7 homolog C	48.7	6
O14561	ACPM	Acyl carrier protein, mitochondrial	20.5	2
P47897	SYQ	Glutamine-tRNA ligase	7.6	1
P49721	PSB2	Proteasome subunit $\beta$ type-2	17.4	1
Q9H0U4	RAB1B	Ras-related protein Rab-1B	53.2	7
Q9P2T1	GMPR2	GMP reductase 2	19	1
Q9H254	SPTN4	Spectrin $\beta$ chain, brain 3	6.7	7
Q9BUP3	HTAI2	Oxidoreductase HTATIP2	17.8	1
O75334	LIPA2	Liprin- $\alpha$ -2	11.6	2
P61586	PA	Transforming protein PA	20.7	3
P23786	CPT2	Carnitine O-palmitoyltransferase 2, mitochondrial	9.3	1
Q9UHQ9	NB5R1	NADH-cytochrome b5 reductase 1	13.8	2

Q9UJ14	GGT7	$\gamma$ -Glutamyltransferase 7	4.7	1
Q8NCW5	NNRE	NAD(P)H-hydrate epimerase	8	1
Q9Y342	PLLP	Plasmolipin	21.4	2
Q13492	PICAL	Phosphatidylinositol-binding clathrin assembly protein	9	3
O00478	BT3A3	Butyrophilin subfamily 3 member A3	13	1
Q8TDX7	NEK7	Serine/threonine-protein kinase Nek7	12.3	1
P42330	AK1C3	Aldo-keto reductase family 1 member C3	16.1	3
Q9Y2K9	STB5L	Syntaxin-binding protein 5-like	9.2	1
Q96CS3	FAF2	FAS-associated factor 2	13.5	1
Q9HCK4	ROBO2	Roundabout homolog 2	8.1	1
O95294	RASL1	RasGAP-activating-like protein 1	11.9	1
P11169	GTR3	Solute carrier family 2, facilitated glucose transporter member 3	8.9	1
O00244	ATOX1	Copper transport protein ATOX1	64.7	2
Q86YS7	K0528	Uncharacterized protein KIAA0528	4	1
Q6PCB7	S27A1	Long-chain fatty acid transport protein 1	5.4	1
Q13418	ILK	Integrin-linked protein kinase	7.3	1
Q13148	TADBP	TAR DNA-binding protein 43	8	1
Q92841	DDX17	Probable ATP-dependent RNA helicase DDX17	12.2	2
Q9UNF0	PACN2	Protein kinase C and casein kinase substrate in neurons protein 2	9.3	2
O43272	PROD	Proline dehydrogenase 1, mitochondrial	9.3	1
Q9UBS4	DJB11	DnaJ homolog subfamily B member 11	11.7	1
Q9BRQ6	CHCH6	Coiled-coil-helix-coiled-coil-helix domain-containing protein 6	16.2	1
P68036	UB2L3	Ubiquitin-conjugating enzyme E2 L3	15.6	1
P11441	UBL4A	Ubiquitin-like protein 4A	14	1
Q8IYU2	HACE1	E3 ubiquitin-protein ligase HACE1	8.5	1
Q5VUB5	F1711	Protein FAM171A1	3.8	1
Q14C86	GAPD1	GTPase-activating protein and VPS9 domain-containing protein 1	1.9	1
Q9NRR5	UBQL4	Ubiquilin-4	11.8	4
P29992	GNA11	Guanine nucleotide-binding protein subunit $\alpha$ -11	23.4	3
O14787	TNPO2	Transportin-2	2.8	1
Q9NZN5	ARHGC	$\rho$ Guanine nucleotide exchange factor 12	6.4	1
Q00169	PIPNA	Phosphatidylinositol transfer protein $\alpha$ isoform	19.3	1
P05198	IF2A	Eukaryotic translation initiation factor 2 subunit 1	19.1	1
Q96HS1	PGAM5	Serine/threonine-protein phosphatase PGAM5, mitochondrial	9	1
Q13838	DX39B	Spliceosome RNA helicase DDX39B	7	1
P09455	RET1	Retinol-binding protein 1	23	1
P09038	FGF2	Fibroblast growth factor 2	11.1	1
Q9Y6X5	ENPP4	Ectonucleotide pyrophosphatase/phosphodiesterase family member 4	5.3	1
Q5QJ74	TBCEL	Tubulin-specific chaperone cofactor E-like protein	7.5	1
Q8N9I0	SYT2	Synaptotagmin-2	22.2	7
Q9UJS0	CMC2	Ca <sup>2+</sup> -binding mitochondrial carrier protein Aralar2	14.2	4
Q68DU8	KCD16	BTB/POZ domain-containing protein KCTD16	19.4	3
Q96FJ2	DYL2	Dynein light chain 2, cytoplasmic	48.3	3
P18085	ARF4	ADP-ribosylation factor 4	15.6	2

Q5JU85	IQEC2	IQ motif and SEC7 domain-containing protein 2	10.2	3
Q86UP2	KTN1	Kinectin	11.6	1
Q9UG63	ABCF2	ATP-binding cassette sub-family F member 2	14.9	1
P38159	RBMX	RNA-binding motif protein, X chromosome	21.7	1
Q9H2X0	CHRD	Chordin	7.3	1
Q86T65	DAAM2	Disheveled-associated activator of morphogenesis 2	7.2	2
Q7Z2W4	ZCCHV	Zinc finger CCCH-type antiviral protein 1	8.8	1
Q93034	CUL5	Cullin-5	7.6	1
P28288	ABCD3	ATP-binding cassette sub-family D member 3	10.6	1
Q8WWV3	RT4I1	Reticulon-4-interacting protein 1, mitochondrial	13.1	2
Q8NEU8	DP13B	DCC-interacting protein 13-β	7.8	1
Q5JTV8	TOIP1	Torsin-1A-interacting protein 1	6.7	1
Q5JPH6	SYEM	Probable glutamate-tRNA ligase, mitochondrial	16.6	1
Q13442	HAP28	28 kDa heat- and acid-stable phosphoprotein	18.2	1
P51784	UBP11	Ubiquitin carboxyl-terminal hydrolase 11	5.3	1
P46060	RAGP1	Ran GTPase-activating protein 1	7	1
P35813	PPM1A	Protein phosphatase 1A	10.2	1
P30050	RL12	60S ribosomal protein L12	18.8	2
O95208	EPN2	Epsin-2	7.5	1
Q9Y463	DYR1B	Dual specificity tyrosine-phosphorylation-regulated kinase 1B	3.7	1
Q9NQW7	XPP1	Xaa-Pro aminopeptidase 1	4.5	1
Q9H6R3	ACSS3	Acyl-CoA synthetase short-chain family member 3, mitochondrial	6.4	1
Q9BQ69	MACD1	MACRO domain-containing protein 1	12.6	1
Q8IUQ0	CLVS1	Clavesin-1	7.9	1
Q13011	ECH1	Δ(3,5)-Δ(2,4)-dienoyl-CoA isomerase, mitochondrial	8.2	1
P55735	SEC13	Protein SEC13 homolog	12.7	1
Q9NPB6	PAR6A	Partitioning defective 6 homolog α	6.9	2
Q9H313	TTYH1	Protein tweety homolog 1	5.1	1
Q9BW62	KATL1	Katanin p60 ATPase-containing subunit A-like 1	3.9	1
Q8WVC6	DCAKD	Dephospho-CoA kinase domain-containing protein	11.3	1
Q6ZMI0	PPR21	Protein phosphatase 1 regulatory subunit 21	3.1	1
Q13155	AIMP2	Aminoacyl tRNA synthase complex-interacting multifunctional protein 2	4.7	1
P62306	RUXF	Small nuclear ribonucleoprotein F	39.5	1
P53365	ARFP2	Arfaptin-2	8.5	1
P21926	CD9	CD9 antigen	9.6	1
Q71U36	TBA1A	Tubulin α-1A chain	74.7	127
P60709	ACTB	Actin, cytoplasmic 1	71.2	110
P02042	HBD	Hæmoglobin subunit δ	51	10
P11277	SPTB1	Spectrin β chain, erythrocyte	9.2	12
O75828	CBR3	Carbonyl reductase [NADPH] 3	28.5	8
P22392	NDKB	Nucleoside diphosphate kinase B	40.8	5
P31943	HNRH1	Heterogeneous nuclear ribonucleoprotein H	18.3	5
P54920	SNAA	α-Soluble NSF attachment protein	30.2	5
P61026	RAB10	Ras-related protein Rab-10	22.5	5

Q15286	RAB35	Ras-related protein Rab-35	21.9	4
Q9H1K4	GHC2	Mitochondrial glutamate carrier 2	32.4	4
Q9P0L2	MARK1	Serine/threonine-protein kinase MARK1	11.8	4
Q86YQ8	CPNE8	Copine-8	10.8	3
O00203	AP3B1	AP-3 complex subunit $\beta$ -1	16.5	4
Q7L576	CYFP1	Cytoplasmic FMR1-interacting protein 1	9.7	3
P04899	GNAI2	Guanine nucleotide-binding protein G <sub>i</sub> subunit $\alpha$ -2	11.8	4
P20339	RAB5A	Ras-related protein Rab-5A	27.9	3
Q96A23	CPNE4	Copine-4	13.6	3
O60271	JIP4	C-Jun-amino-terminal kinase-interacting protein 4	4.4	2
Q15746	MYLK	Myosin light chain kinase, smooth muscle	6.6	2
O75155	CAND2	Cullin-associated NEDD8-dissociated protein 2	8.2	2
Q5T9A4	ATD3B	ATPase family AAA domain-containing protein 3B	13.4	2
Q12792	TWF1	Twinfilin-1	22.3	2
Q9H1P3	BL2	Oxysterol-binding protein-related protein 2	10.2	2
Q96FN4	CPNE2	Copine-2	6.8	2
P46439	GSTM5	Glutathione S-transferase M 5	16.5	2
P14649	MYL6B	Myosin light chain 6B	21.6	3
Q15599	NHRF2	Na <sup>+</sup> /H <sup>+</sup> exchange regulatory cofactor NHE-RF2	10.1	2
P34896	GLYC	Serine hydroxymethyltransferase, cytosolic	6.8	2
Q5JR12	PPM1J	Protein phosphatase 1J	7.1	2
O60506	HNRPQ	Heterogeneous nuclear ribonucleoprotein Q	12.4	2
P61020	RAB5B	Ras-related protein Rab-5B	11.2	2
O95081	AGFG2	Arf-GAP domain and FG repeat-containing protein 2	6.4	2
P33121	ACSL1	Long-chain-fatty-acid-CoA ligase 1	17.2	3
P51648	AL3A2	Fatty aldehyde dehydrogenase	8.7	1
P10645	CMGA	Chromogranin-A	17.1	1
Q9BS26	ERP44	Endoplasmic reticulum resident protein 44	11.8	1
Q9ULJ8	NEB1	Neurabin-1	7.7	1
P49757	NUMB	Protein numb homolog	3.8	1
P48739	PIPNB	Phosphatidylinositol transfer protein $\beta$ isoform	7.7	1
Q8NHH9	ATLA2	Atlastin-2	5.8	1
Q5HYI7	MTX3	Metaxin-3	11.9	1
Q13283	G3BP1	Ras GTPase-activating protein-binding protein 1	7.5	2
P46939	UTRO	Utrophin	4.9	1
Q86V48	LUZP1	Leucine zipper protein 1	13.4	1
P42345	MTOR	Serine/threonine-protein kinase mTOR	5.5	1
Q8TF61	FBX41	F-box only protein 41	14.1	1
Q14160	SCRIB	Protein scribble homolog	6.9	1
P06756	ITAV	Integrin $\alpha$ -V	10.1	1
Q6P1N0	C2D1A	Coiled-coil and C2 domain-containing protein 1A	11.3	1
Q5VWQ8	DAB2P	Disabled homolog 2-interacting protein	9	1
Q12768	STRUM	WASH complex subunit strumpellin	8.6	1
O00763	ACACB	Acetyl-CoA carboxylase 2	3.8	1
A3KMH1	K0564	Uncharacterized protein KIAA0564	5	1

Q9P253	VPS18	Vacuolar protein sorting-associated protein 18 homolog	10.3	1
Q9NY47	CA2D2	Voltage-dependent $\text{Ca}^{2+}$ channel subunit $\alpha$ -2/ $\delta$ -2	8.3	1
Q9BZ72	PITM2	Membrane-associated phosphatidylinositol transfer protein 2	9.2	1
Q8WZA9	IRGQ	Immunity-related GTPase family Q protein	14.8	1
Q7L3T8	SYPM	Probable proline-tRNA ligase, mitochondrial	17.7	1
Q5TH69	BIG3	Brefeldin A-inhibited guanine nucleotide-exchange protein 3	5.2	1
Q16620	NTRK2	BDNF/NT-3 growth factors receptor	11.4	1
P49815	TSC2	Tuberin	4.4	1
O75153	K0664	Protein KIAA0664	6.7	1
Q9BYB0	SHAN3	SH3 and multiple ankyrin repeat domains protein 3	4	1
Q96T76	MMS19	MMS19 nucleotide excision repair protein homolog	5.2	1
P50416	CPT1A	Carnitine O-palmitoyltransferase 1, liver isoform	6.7	1
P43007	SATT	Neutral amino acid transporter A	13	2
P19174	PLCG1	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase $\gamma$ -1	6	1
O95602	RPA1	DNA-directed RNA polymerase I subunit RPA1	4.2	1
O14490	DLGP1	Disks large-associated protein 1	8.5	1
Q9UMZ2	SYNRG	Synergins $\gamma$	5.3	1
Q96JJ7	TMX3	Protein disulfide-isomerase TMX3	15.4	1
Q96I99	SUCB2	Succinyl-CoA ligase [GDP-forming] subunit $\beta$ , mitochondrial	15.5	1
Q8WUX9	CHMP7	Charged multivesicular body protein 7	12.8	1
Q8NEB9	PK3C3	Phosphatidylinositol 3-kinase catalytic subunit type 3	6.2	1
Q86VP1	TAXB1	Tax1-binding protein 1	9.9	1
Q15386	UBE3C	Ubiquitin-protein ligase E3C	5.2	1
Q13724	MOGS	Mannosyl-oligosaccharide glucosidase	7.4	1
Q13616	CUL1	Cullin-1	7.7	1
Q02108	GCYA3	Guanylate cyclase soluble subunit $\alpha$ -3	9.3	1
P26012	ITB8	Integrin $\beta$ -8	7.9	1
P20936	RASA1	Ras GTPase-activating protein 1	6	1
P19338	NUCL	Nucleolin	11	1
O75899	GABR2	$\gamma$ -Aminobutyric acid type B receptor subunit 2	6.3	1
A7KAX9	RHG32	$\rho$ GTPase-activating protein 32	3.1	1
Q9Y3P9	RBGP1	Rab GTPase-activating protein 1	3.5	1
Q9UBW8	CSN7A	COP9 signalosome complex subunit 7a	23.6	1
Q9H8S9	MOB1A	MOB kinase activator 1A	32.9	1
Q9C0H5	RHG39	$\rho$ GTPase-activating protein 39	4.8	1
Q9BV79	MECR	Trans-2-enoyl-CoA reductase, mitochondrial	11.8	1
Q9BSU1	CP070	UPF0183 protein C16orf70	14.2	1
Q96PV0	SYGP1	Ras GTPase-activating protein SynGAP	4.2	1
Q8WY54	PPM1E	Protein phosphatase 1E	6	1
Q8N9I9	DTX3	Protein deltex-3	11.2	1
Q8N5K1	CISD2	CDGSH iron-sulfur domain-containing protein 2	31.1	1
Q8IWT6	LRC8A	Leucine-rich repeat-containing protein 8A	5.6	1
Q8IUA7	ABCA9	ATP-binding cassette sub-family A member 9	3	1
Q86UX6	ST32C	Serine/threonine-protein kinase 32C	9.7	1
Q6P995	F171B	Protein FAM171B	6.1	1



Q4G176	ACSF3	Acyl-CoA synthetase family member 3, mitochondrial	9.5	1
Q16849	PTPRN	Receptor-type tyrosine-protein phosphatase-like N	6.1	1
Q15477	SKIV2	Helicase SKI2W	6.8	1
Q15262	PTPRK	Receptor-type tyrosine-protein phosphatase $\kappa$	3.5	1
Q15018	F175B	BRISC complex subunit Abro1	11.8	1
Q13098	CSN1	COP9 signalosome complex subunit 1	11.2	1
Q02410	APBA1	Amyloid $\beta$ A4 precursor protein-binding family A member 1	6.8	1
P78362	SRPK2	SRSF protein kinase 2	7	1
P62081	RS7	40S ribosomal protein S7	19.1	1
P54750	PDE1A	Ca <sup>2+</sup> /calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A	10.7	1
P48729	KC1A	Casein kinase I isoform $\alpha$	12.8	1
P48553	TPC10	Trafficking protein particle complex subunit 10	4.1	1
P48449	ERG7	Lanosterol synthase	7.5	1
P42331	RHG25	$\rho$ GTPase-activating protein 25	7.4	1
P41732	TSN7	Tetraspanin-7	13.3	1
P35606	COPB2	Coatamer subunit $\beta'$	5.1	1
P31942	HNRH3	Heterogeneous nuclear ribonucleoprotein H3	19.1	1
P29323	EPHB2	Ephrin type-B receptor 2	5.2	1
O95502	NPTXR	Neuronal pentraxin receptor	8.8	1
O60826	CCD22	Coiled-coil domain-containing protein 22	7.2	1
Q9Y4J8	DTNA	Dystrobrevin $\alpha$	4	1
Q9Y2Z4	SYYM	Tyrosine-tRNA ligase, mitochondrial	6.7	1
Q9Y2V2	CHSP1	Ca <sup>2+</sup> -regulated heat stable protein 1	29.3	1
Q9Y2H5	PKHA6	Pleckstrin homology domain-containing family A member 6	3	1
Q9Y2H1	ST38L	Serine/threonine-protein kinase 38-like	10.1	1
Q9UPY6	WASF3	Wiskott-Aldrich syndrome protein family member 3	8	1
Q9UPR5	NAC2	Na <sup>+</sup> /Ca <sup>2+</sup> exchanger 2	4.6	1
Q9UIJ7	KAD3	GTP:AMP phosphotransferase, mitochondrial	18.9	1
Q9NRY5	F1142	Protein FAM114A2	7.1	1
Q9NR19	ACSA	Acetyl-coenzyme A synthetase, cytoplasmic	5.3	1
Q9HDB5	NRX3B	Neurexin-3- $\beta$	8.2	1
Q9HA64	KT3K	Ketamine-3-kinase	9.4	1
Q9BYV8	CEP41	Centrosomal protein of 41 kDa	14.5	2
Q9BVK6	TMED9	Transmembrane emp24 domain-containing protein 9	17.9	1
Q99470	SDF2	Stromal cell-derived factor 2	22.3	1
Q99460	PSMD1	26S proteasome non-ATPase regulatory subunit 1	5.5	1
Q99259	DCE1	Glutamate decarboxylase 1	8.1	1
Q96TC7	RMD3	Regulator of microtubule dynamics protein 3	8.9	1
Q96Q11	TRNT1	CCA tRNA nucleotidyltransferase 1, mitochondrial	8.1	1
Q96PE3	INP4A	Type I inositol-3,4-bisphosphate 4-phosphatase	4.6	1
Q96M96	FGD4	FYVE, PGEF and PH domain-containing protein 4	3.8	1
Q96IJ6	GMPPA	Mannose-1-phosphate guanylttransferase $\alpha$	5.2	1
Q96AQ6	PBIP1	Pre-B-cell leukemia transcription factor-interacting protein 1	5.9	1
Q96A65	EXOC4	Exocyst complex component 4	3.5	1

Q92575	UBXN4	UBX domain-containing protein 4	6.9	1
Q8WXS5	CCG8	Voltage-dependent $\text{Ca}^{2+}$ channel $\gamma$ -8 subunit	16.9	1
Q8WVR3	CG043	Uncharacterized protein C7orf43	7.8	1
Q8TD55	PKHO2	Pleckstrin homology domain-containing family O member 2	8.6	1
Q8NI37	PPTC7	Protein phosphatase PTC7 homolog	11.5	1
Q8NHW5	RLA0L	60S acidic ribosomal protein P0-like	11.7	1
Q8NBF2	NHLC2	NHL repeat-containing protein 2	3	1
Q8N414	PGBD5	PiggyBac transposable element-derived protein 5	9.9	1
Q86X55	CARM1	Histone-arginine methyltransferase CARM1	6.6	1
Q7RTN6	STRAA	STE20-related kinase adapter protein $\alpha$	7.2	1
Q6XQN6	PNCB	Nicotinate phosphoribosyltransferase	6.7	1
Q6QNY0	BL1S3	Biogenesis of lysome-related organelles complex 1 subunit 3	18.3	1
Q53ET0	CRTC2	CREB-regulated transcription coactivator 2	5.5	1
Q16563	SYPL1	Synaptophysin-like protein 1	11.2	1
Q15785	TOM34	Mitochondrial import receptor subunit TOM34	11.7	1
Q15637	SF01	Splicing factor 1	5	1
Q14258	TRI25	E3 ubiquitin/ISG15 ligase TRIM25	6.3	1
Q13671	RIN1	Ras and Rab interactor 1	4.2	1
Q08AM6	VAC14	Protein VAC14 homolog	4.9	1
P62424	RL7A	60S ribosomal protein L7a	14.7	1
P62330	ARF6	ADP-ribosylation factor 6	16.6	1
P53007	TXTP	Tricarboxylate transport protein, mitochondrial	17	1
P52788	SPSY	Spermine synthase	7.7	1
P48163	MAOX	NADP-dependent malic enzyme	6.6	1
P43378	PTN9	Tyrosine-protein phosphatase non-receptor type 9	5.2	1
P35237	SPB6	Serpin B6	11.4	1
P30531	SC6A1	$\text{Na}^{+}$ - and $\text{Cl}^{-}$ -dependent GABA transporter 1	8.5	1
P28062	PSB8	Proteasome subunit $\beta$ type-8	13	1
P17152	TMM11	Transmembrane protein 11, mitochondrial	17.2	1
P0CG30	GSTT2	Glutathione S-transferase $\theta$ -2B	11.5	1
P05556	ITB1	Integrin $\beta$ -1	5.3	1
P01906	DQA2	HLA class II histocompatibility antigen, DQ $\alpha$ 2 chain	16.1	1
O00178	GTPB1	GTP-binding protein 1	4.5	1
Q9Y4P1	ATG4B	Cysteine protease ATG4B	9.2	1
Q9Y2Z9	COQ6	Ubiquinone biosynthesis monooxygenase COQ6	4.9	1
Q9Y237	PIN4	Peptidyl-prolyl <i>cis-trans</i> isomerase NIMA-interacting 4	20.6	1
Q9UQF2	JIP1	C-Jun-amino-terminal kinase-interacting protein 1	3.4	1
Q9ULA0	DNPEP	Aspartyl aminopeptidase	5.7	1
Q9UKY7	CDV3	Protein CDV3 homolog	24.8	1
Q9UKU7	ACAD8	Isobutyryl-CoA dehydrogenase, mitochondrial	5.5	1
Q9UK76	HN1	Hæmatological and neurological expressed 1 protein	13	1
Q9UIC8	LCMT1	Leucine carboxyl methyltransferase 1	5.4	1
Q9UBP4	DKK3	Dickkopf-related protein 3	7.4	1
Q9UBI6	GBG12	Guanine nucleotide-binding protein $\text{G}_i/\text{G}_s/\text{G}_o$ subunit $\gamma$ -12	45.8	1
Q9P0K9	CI004	Uncharacterized protein C9orf4	6.7	1

Q9NWX8	BABA1	BRISC and BRCA1-A complex member 1	13.7	1
Q9NVT9	ARMC1	Armadillo repeat-containing protein 1	20.9	2
Q9NRF8	PYRG2	CTP synthase 2	3.9	1
Q9HCG7	GBA2	Non-lysosomal glucylceramidase	2.8	1
Q9H6K5	YS027	Putative uncharacterized protein FLJ22184	4.5	1
Q9H1E5	TMX4	Thioredoxin-related transmembrane protein 4	6.3	1
Q9H061	T126A	Transmembrane protein 126A	10.8	1
Q9BXW7	CECR5	Cat eye syndrome critical region protein 5	6.6	1
Q9BXX5	B2L13	Bcl-2-like protein 13	3.9	1
Q9BWH2	FUND2	FUN14 domain-containing protein 2	11.1	1
Q9BUL8	PDC10	Programmed cell death protein 10	10.9	1
Q9BSJ2	GCP2	$\gamma$ -Tubulin complex component 2	2.8	1
Q9BSH4	TACO1	Translational activator of cytochrome c oxidase 1	8.8	1
Q99643	C560	Succinate dehydrogenase cytochrome b560 subunit, mitochondrial	8.9	1
Q96S97	MYADM	Myeloid-associated differentiation marker	5	1
Q96P47	AGAP3	Arf-GAP with GTPase, ANK repeat and PH domain-containing protein 3	2.5	1
Q96J01	THOC3	THO complex subunit 3	11.4	1
Q93096	TP4A1	Protein tyrosine phosphatase type IVA 1	15	1
Q92932	PTPR2	Receptor-type tyrosine-protein phosphatase N2	2.8	1
Q92828	COR2A	Coronin-2A	4	1
Q8WWI5	CTL1	Choline transporter-like protein 1	4.3	1
Q8TAF3	WDR48	WD repeat-containing protein 48	4.6	1
Q8NBJ7	SUMF2	Sulfatase-modifying factor 2	6.6	1
Q8N6N7	ACBD7	Acyl-CoA-binding domain-containing protein 7	35.2	1
Q86TP1	PRUNE	Protein prune homolog	7.5	1
Q7Z6L1	TCPR1	Tectonin $\beta$ -propeller repeat-containing protein 1	3.3	1
Q6YP21	KAT3	Kynurenine-oxoglutarate transaminase 3	4.8	1
Q6UWR7	ENPP6	Ectonucleotide pyrophosphatase/phosphodiesterase family member 6	6.4	1
Q6P9B6	K1609	TLD domain-containing protein KIAA1609	6.6	1
Q53T59	H1BP3	HCLS1-binding protein 3	6.1	1
Q17RB0	F127C	Protein FAM127C	22.1	1
Q16537	2A5E	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit $\epsilon$ isoform	4.9	1
Q15750	TAB1	TGF- $\beta$ -activated kinase 1 and MAP3K7-binding protein 1	3.8	1
Q15031	SYLM	Probable leucine-tRNA ligase, mitochondrial	2.3	1
Q14694	UBP10	Ubiquitin carboxyl-terminal hydrolase 10	3.4	1
Q14410	GLPK2	Glycerol kinase 2	5.4	1
Q13491	GPM6B	Neuronal membrane glycoprotein M6-b	8.3	1
Q12982	BNIP2	BCL2/adenovirus E1B 19 kDa protein-interacting protein 2	7	1
Q09019	DMWD	Dystrophin myotonia WD repeat-containing protein	2.5	1
Q08623	HDHD1	Pseudouridine-5'-monophosphatase	15.4	1
Q02878	RL6	60S ribosomal protein L6	8.3	1
P62318	SMD3	Small nuclear ribonucleoprotein Sm D3	14.3	1

P61011	SRP54	Signal recognition particle 54 kDa protein	5.8	1
P50225	ST1A1	Sulfotransferase 1A1	8.1	1
P48058	GRIA4	Glutamate receptor 4	2.8	1
P46783	RS10	40S ribosomal protein S10	14.6	1
P37108	SRP14	Signal recognition particle 14 kDa protein	31.6	1
P36551	HEM6	Coproporphyrinogen-III oxidase, mitochondrial	6.2	1
P29144	TPP2	Tripeptidyl-peptidase 2	1.8	1
P27694	RFA1	Replication protein A 70 kDa DNA-binding subunit	7	1
P24310	CX7A1	Cytochrome c oxidase subunit 7A1, mitochondrial	25.3	1
P08243	ASNS	Asparagine synthetase [glutamine-hydrolyzing]	4.5	1
P05408	7B2	Neuroendocrine protein 7B2	11.3	1
P04632	CPNS1	Calpain small subunit 1	8.6	1
P02747	C1QC	Complement C1q subcomponent subunit C	12.7	1
O95881	TXD12	Thioredoxin domain-containing protein 12	12.8	1
O43676	NDUB3	NADH dehydrogenase [ubiquinone] 1 $\beta$ subcomplex subunit 3	12.2	1
O43592	XPOT	Exportin-T	2.2	1
O15372	EIF3H	Eukaryotic translation initiation factor 3 subunit H	6.3	1
O15173	PGRC2	Membrane-associated progesterone receptor component 2	9.9	1
O14879	IFIT3	Interferon-induced protein with tetratricopeptide repeats 3	5.5	1
O14579	COPE	Coatomer subunit $\epsilon$	9.7	1
B7ZBB8	PP13G	Putative protein phosphatase 1 regulatory inhibitor subunit 3G	9.8	1
Q9Y6H1	CHCH2	Coiled-coil-helix-coiled-coil-helix domain-containing protein 2, mitochondrial	18.5	1
Q9Y5Z4	HEBP2	Hæme-binding protein 2	6.3	1
Q9Y534	CSDC2	Cold shock domain-containing protein C2	7.2	1
Q9Y4X5	ARI1	E3 ubiquitin-protein ligase ARIH1	2	1
Q9Y3D6	FIS1	Mitochondrial fission 1 protein	7.2	1
Q9Y343	SNX24	Sorting nexin-24	5.3	1
Q9UPW5	CBPC1	Cytosolic carboxypeptidase 1	0.9	1
Q9UHY7	ENOPH	Enolase-phosphatase E1	5.4	1
Q9NZT2	OGFR	Opioid growth factor receptor	2.4	1
Q9NYS0	KBR1	NF- $\kappa$ -B inhibitor-interacting Ras-like protein 1	6.3	1
Q9NYR9	KBR2	NF- $\kappa$ -B inhibitor-interacting Ras-like protein 2	6.3	1
Q9NXR7	BRE	BRCA1-A complex subunit BRE	3.7	1
Q9NXA8	SIRT5	NAD-dependent lysine demalonylase and desuccinylase sirtuin-5, mitochondrial	5.8	1
Q9NX14	NDUBB	NADH dehydrogenase [ubiquinone] 1 $\beta$ subcomplex subunit 11, mitochondrial	7.2	1
Q9NUP1	CNO	Protein cappuccino homolog	6	1
Q9NTG7	SIRT3	NAD-dependent deacetylase sirtuin-3, mitochondrial	2.8	1
Q9H993	CF211	UPF0364 protein C6orf211	3.9	1
Q9H8Y8	GORS2	Golgi reassembly-stacking protein 2	2.9	1
Q9H7P6	F125B	Multivesicular body subunit 12B	3.4	1
Q9H6V9	CB043	UPF0554 protein C2orf43	3.1	1
Q9BTX7	TTPAL	$\alpha$ -Tocopherol transfer protein-like	3.8	1
Q99574	NEUS	Neurperin	3.2	1

Q96FE5	LIGO1	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1	2.4	1
Q96B36	AKTS1	Proline-rich AKT1 substrate 1	4.7	1
Q8WUK0	PTPM1	Protein-tyrosine phosphatase mitochondrial 1	6.5	1
Q8N6H7	ARFG2	ADP-ribosylation factor GTPase-activating protein 2	4.4	1
Q6PL24	TMED8	Protein TMED8	6.8	1
Q6GMV2	SMYD5	SET and MYND domain-containing protein 5	3.8	1
Q5UCC4	INM02	UPF0510 protein INM02	4.6	1
Q2TAA2	IAH1	Isoamyl acetate-hydrolyzing esterase 1 homolog	4.8	1
Q15493	RGN	Regucalcin	4.3	1
Q15388	TOM20	Mitochondrial import receptor subunit TOM20 homolog	9	1
Q15369	ELOC	Transcription elongation factor B polypeptide 1	11.6	1
Q14956	GPNUMB	Transmembrane glycoprotein NMB	1.6	1
Q14118	DAG1	Dystroglycan	1.2	1
Q14108	SCRIB2	Lysosome membrane protein 2	3.8	1
Q06203	PUR1	Amidophosphoribosyltransferase	2.7	1
Q00765	REEP5	Receptor expression-enhancing protein 5	4.2	1
P63215	GBG3	Guanine nucleotide-binding protein G <sub>i</sub> /G <sub>s</sub> /G <sub>o</sub> subunit $\gamma$ -3	22.7	1
P63173	RL38	60S ribosomal protein L38	18.6	1
P63172	DYLT1	Dynein light chain Tctex-type 1	14.2	1
P62314	SMD1	Small nuclear ribonucleoprotein Sm D1	10.9	1
P62304	RUXE	Small nuclear ribonucleoprotein E	12	1
P62263	RS14	40S ribosomal protein S14	8.6	1
P61960	UFM1	Ubiquitin-fold modifier 1	17.7	1
P53611	PGTB2	Geranylgeranyl transferase type-2 subunit $\beta$	3.3	1
P53367	ARFP1	Arfaptin-1	4.6	1
P51888	PRELP	Prolargin	3.4	1
P49441	INPP	Inositol polyphosphate 1-phosphatase	3	1
P49427	UB2R1	Ubiquitin-conjugating enzyme E2 R1	6.4	1
P35244	RFA3	Replication protein A 14 kDa subunit	14.1	1
P33316	DUT	Deoxyuridine 5'-triphosphate nucleotidohydrolase, mitochondrial	4.8	1
P27449	VATL	V-type proton ATPase 16 kDa proteolipid subunit	11.6	2
P24666	PPAC	Low molecular weight phosphotyrosine protein phosphatase	5.7	1
P21964	COMT	Catechol O-methyltransferase	4.4	1
P16435	NCPR	NADPH-cytochrome P450 reductase	1.3	1
P16070	CD44	CD44 antigen	1.6	1
P14406	CX7A2	Cytochrome c oxidase subunit 7A2, mitochondrial	15.7	1
P10155	RO60	60 kDa SS-A/Ro ribonucleoprotein	2.4	1
P07311	ACYP1	Acylphosphatase-1	9.1	1
P05386	RLA1	60S acidic ribosomal protein P1	14	1
P04271	S100B	Protein S100-B	16.3	1
P03886	NU1M	NADH-ubiquinone oxidoreductase chain 1	6.3	1
P01876	IGHA1	Ig $\alpha$ -1 chain C region	4.2	1
P01011	AACT	$\alpha$ -1-Antichymotrypsin	2.4	1
P00846	ATP6	ATP synthase subunit a	4.4	1

O95336	6PGL	6-phosphogluconolactonase	4.7	1
O75508	CLD11	Claudin-11	6.8	1
O75223	GGCT	$\gamma$ -Glutamylcyclotransferase	7.4	1
O75208	COQ9	Ubiquinone biosynthesis protein COQ9, mitochondrial	3.5	1
O60888	CUTA	Protein CutA	7.8	1
O60869	EDF1	Endothelial differentiation-related factor 1	10.1	1
O43504	HBXIP	Hepatitis B virus X-interacting protein	22	1
O14949	QCR8	Cytochrome b-c1 complex subunit 8	15.9	1
O14558	HSPB6	Heat shock protein $\beta$ -6	6.3	1
A6NNH0	GATL1	GATS-like protein 1	3.6	1
Q9H019	FA54B	Protein FAM54B	4.1	1
Q9BV86	NTM1A	$\alpha$ N-terminal protein methyltransferase 1A	14.4	1
Q9BRX2	PELO	Protein pelota homolog	4.9	1
P50552	VASP	Vasodilator-stimulated phosphoprotein	3.4	1
Q9Y4D8	K0614	Probable E3 ubiquitin-protein ligase C12orf51	2.1	2
Q8N3E9	PLCD3	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase $\delta$ -3	1.9	1
Q96EK5	KBP	KIF1-binding protein	8.7	1
Q9Y2W6	TDRKH	Tudor and KH domain-containing protein	5.5	1
Q8TF42	UBS3B	Ubiquitin-associated and SH3 domain-containing protein B	5.7	1
O15197	EPHB6	Ephrin type-B receptor 6	3.7	1
Q9BZK3	NACP1	Putative nascent polypeptide-associated complex subunit $\alpha$ -like protein	10.8	1
Q92804	RBP56	TATA-binding protein-associated factor 2N	7.4	1
P53667	LIMK1	LIM domain kinase 1	3.6	1
Q9Y3E5	PTH2	Peptidyl-tRNA hydrolase 2, mitochondrial	8.4	1
Q63HM9	PLCX3	PI-PLC X domain-containing protein 3	3.1	1
Q12907	LMAN2	Vesicular integral-membrane protein VIP36	3.1	1
O00629	IMA4	Importin subunit $\alpha$ -4	3.1	1
Q5T0D9	TPRGL	Tumor protein p63-regulated gene 1-like protein	18.8	1
Q8TEV9	SMCR8	Smith-Magenis syndrome chromosomal region candidate gene 8 protein	5.4	1
P02730	B3AT	Band 3 anion transport protein	0.9	1
Q9HCD6	TANC2	Protein TANC2	4.6	1
Q96RT1	LAP2	Protein LAP2	1.3	1
P00533	EGFR	Epidermal growth factor receptor	3.8	2
Q8IZD9	DOCK3	Dedicator of cytokinesis protein 3	4.3	1
P41240	CSK	Tyrosine-protein kinase CSK	12	1
Q13480	GAB1	GRB2-associated-binding protein 1	5	1
P54709	AT1B3	Na <sup>+</sup> /K <sup>+</sup> -transporting ATPase subunit $\beta$ -3	3.9	1
Q9UJY5	GGA1	ADP-ribosylation factor-binding protein GGA1	6.6	1
Q9BX26	SYCP2	Synaptonemal complex protein 2	6.9	2
Q9Y490	TLN1	Talin-1	10.7	5
O75323	NIPS2	Protein NipSnap homolog 2	12.6	2
Q16695	H31T	Histone H3.1t	22.1	1
Q8NCA5	FA98A	Protein FAM98A	3.9	1

P35241	RADI	Radixin	25.6	6
Q9UHD2	TBK1	Serine/threonine-protein kinase TBK1	4.7	1
O14972	DSCR3	Down syndrome critical region protein 3	8.1	2
Q02779	M3K10	Mitogen-activated protein kinase kinase kinase 10	2.3	1
O15083	ERC2	ERC protein 2	13.5	1
Q8WZ74	CTTB2	Cortactin-binding protein 2	3.7	1
Q9H267	VP33B	Vacuolar protein sorting-associated protein 33B	5.3	2
P51687	SUOX	Sulfite oxidase, mitochondrial	4.2	1
B2RPK0	HGB1A	Putative high mobility group protein B1-like 1	12.8	1
P43243	MATR3	Matrin-3	10.6	1
P06730	IF4E	Eukaryotic translation initiation factor 4E	9.7	1
Q86UL8	MAGI2	Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 2	6.5	1
P56378	68MP	6.8 kDa mitochondrial proteolipid	55.2	1
P04181	OAT	Ornithine aminotransferase, mitochondrial	7.1	1
Q9UPN3	MACF1	Microtubule-actin crs-linking factor 1, isoforms 1/2/3/5	6.8	3
P63208	SKP1	S-Phase kinase-associated protein 1	11	1
Q96SU4	BL9	Oxysterol-binding protein-related protein 9	7.3	1
Q8IV38	ANKY2	Ankyrin repeat and MYND domain-containing protein 2	11.1	1
P24534	EF1B	Elongation factor 1- $\beta$	4.4	2
Q9BYW2	SETD2	Histone-lysine N-methyltransferase SETD2	6.1	1
Q9NXC2	GFOD1	Glucose-fructose oxidoreductase domain-containing protein 1	3.6	1
Q9Y450	HBS1L	HBS1-like protein	4.4	1
O95825	QORL1	Quinone oxidoreductase-like protein 1	9.2	1
O95571	ETHE1	Protein ETHE1, mitochondrial	12.2	1
Q6ZV89	SH2D5	SH2 domain-containing protein 5	3.3	1
Q99700	ATX2	Ataxin-2	5	1
P11166	GTR1	Solute carrier family 2, facilitated glucose transporter member 1	2.8	1
Q9UQ13	SHOC2	Leucine-rich repeat protein SHOC-2	4.8	1
P13473	LAMP2	Lysosome-associated membrane glycoprotein 2	2	1
Q96GR2	ACBG1	Long-chain-fatty-acid-CoA ligase ACSBG1	4.3	2
O60502	NCOAT	Bifunctional protein NCOAT	5.3	1
Q01085	TIAR	Nucleolysin TIAR	11.2	1
Q9BY44	EIF2A	Eukaryotic translation initiation factor 2A	4.3	1
Q05397	FAK1	Focal adhesion kinase 1	8.1	1
O75896	TUSC2	Tumor suppressor candidate 2	40.9	1
O43895	XPP2	Xaa-Pro aminopeptidase 2	1.6	1
Q02153	GCYB1	Guanylate cyclase soluble subunit $\beta$ -1	8.2	2
Q96PE7	MCEE	Methylmalonyl-CoA epimerase, mitochondrial	7.4	1
Q8IYQ7	THNS1	Threonine synthase-like 1	7.7	1
O95167	NDUA3	NADH dehydrogenase [ubiquinone] 1 $\alpha$ subcomplex subunit 3	8.3	1
O75962	TRIO	Triple functional domain protein	3	1
Q9P242	NYAP2	Neuronal tyrosine-phosphorylated phosphoinositide-3-kinase adapter 2	10.3	1
P06307	CCKN	Cholecystokinin	27.8	1

Q5TCQ9	MAGI3	Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 3	4.4	1
Q9H2M9	RBGPR	Rab3 GTPase-activating protein non-catalytic subunit	4.9	1
P36873	PP1G	Serine/threonine-protein phosphatase PP1- $\gamma$ catalytic subunit	14.2	6
P11215	ITAM	Integrin $\alpha$ -M	1.6	1
Q9NS69	TOM22	Mitochondrial import receptor subunit TOM22 homolog	7.7	1
Q5VZM2	RRAGB	Ras-related GTP-binding protein B	5.3	1
O43169	CYB5B	Cytochrome b5 type B	15.8	1
P67870	CSK2B	Casein kinase II subunit $\beta$	6.5	1
P05060	SCG1	Secretogranin-1	10	1
P54284	CACB3	Voltage-dependent L-type $\text{Ca}^{2+}$ channel subunit $\beta$ -3	17.8	2
P12081	SYHC	Histidine-tRNA ligase, cytoplasmic	14.3	1
P04062	GLCM	Glucylceramidase	5.8	1
P07947	YES	Tyrosine-protein kinase Yes	23	7
P35498	SCN1A	$\text{Na}^{+}$ channel protein type 1 subunit $\alpha$	9.4	2
Q96DG6	CMBL	Carboxymethylenebutenolidase homolog	18.8	1
Q6PHR2	ULK3	Serine/threonine-protein kinase ULK3	2.5	1
Q8WV93	LACE1	Lactation elevated protein 1	2.3	1

Each protein is listed with SwissPort accession number, gene name, % sequence coverage (% cov) and number of peptides identified with peptide confidence score > 95% (Peptide 95%).