

**Supplementary Table SI. Differentially abundant proteins identified by mass spectrometric analysis of retinal Müller glial cells with at least 2 unique peptides and fold change  $\geq 1.8$  or  $\leq 0.6$**

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Lysyl oxidase-like 2	LOXL2	ENSECAP00000022653	3	29,0
Integral membrane protein 2B	ITM2B	ENSECAP00000010931	2	13,6
Latent transforming growth factor beta binding protein 3	LTBP3	ENSECAP00000007740	2	13,0
Microtubule-actin crosslinking factor 1	MACF1	ENSECAP00000014393	19	11,8
N-acyl ethanolamine acid amidase	NAAA	ENSECAP00000004111	2	11,2
Latent transforming growth factor beta binding protein 1	LTBP1	ENSECAP00000018031	32	11,1
ADAMTS-like 1	ADAMTSL1	ENSECAP00000013958	6	10,7
Latent transforming growth factor beta binding protein 2	LTBP2	ENSECAP00000016809	19	8,8
Protease, serine, 23	PRSS23	ENSECAP00000003883	7	8,6
LIM domain and actin binding 1	LIMA1	ENSECAP00000022850	4	8,1
Serpin peptidase inhibitor, clade B (ovalbumin), member 6	SERPINB6	ENSECAP00000013929	6	7,3
Fibulin 2	FBLN2	ENSECAP00000007213	25	7,2
Cyclin-dependent kinase inhibitor 2A	CDKN2A	ENSECAP00000016045	2	7,1
Transgelin 3	TAGLN3	ENSECAP00000007857	9	6,7
Collapsin response mediator protein 1	CRMP1	ENSECAP00000009261	5	6,3
FAT atypical cadherin 1	FAT1	ENSECAP00000011290	2	5,9
EGF containing fibulin-like extracellular matrix protein 1	EFEMP1	ENSECAP00000008615	3	5,8
Fibrillin 2	FBN2	ENSECAP00000011719	69	5,6
Fibrillin 1	FBN1	ENSECAP00000017556	112	5,5
Versican	VCAN	ENSECAP00000017093	3	5,5
Tenascin C	TNC	ENSECAP00000015562	9	5,5
Cadherin 6, type 2, K-cadherin (fetal kidney)	CDH6	ENSECAP00000014234	3	5,4
PRKC, apoptosis, WT1, regulator	PAWR	ENSECAP00000016952	2	5,3
Laminin, alpha 5	LAMA5	ENSECAP00000021174	20	5,3
Sorbin and SH3 domain containing 2	SORBS2	ENSECAP00000006354	10	5,2
Versican	VCAN	ENSECAP00000017347	2	4,9
Proline synthetase co-transcribed homolog (bacterial)	PROSC	ENSECAP00000007044	3	4,7

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Phosphoglucomutase 3	PGM3	ENSECAP00000021409	12	4,6
LIM domain 7	LMO7	ENSECAP00000007990	6	4,4
Synaptopodin	SYNPO	ENSECAP00000014892	4	4,1
Insulin-like growth factor II precursor	IGF2	ENSECAP00000022093	2	4,0
Heterogeneous nuclear ribonucleoprotein U like 2	HNRNPUL2	ENSECAP00000017842	8	4,0
Sialidase 1 (lysosomal sialidase)	NEU1	ENSECAP00000016932	2	4,0
Galactosamine (N-acetyl)-6-sulfate sulfatase	GALNS	ENSECAP00000007015	4	4,0
Heparan sulfate proteoglycan 2	HSPG2	ENSECAP00000012479	42	3,8
Glyoxalase I	GLO1	ENSECAP00000017243	5	3,7
Glucosamine-6-phosphate deaminase 2	GNPDA2	ENSECAP00000013712	3	3,7
Milk fat globule-EGF factor 8 protein	MFGE8	ENSECAP00000016644	2	3,7
Apolipoprotein A-I binding protein	APOA1BP	ENSECAP00000011785	2	3,6
WD repeat domain 61	WDR61	ENSECAP00000004466	2	3,6
Integrin subunit alpha 2	ITGA2	ENSECAP00000022803	20	3,5
Galactosidase, beta 1	GLB1	ENSECAP00000010300	11	3,3
Tubulin, alpha 4a	TUBA4A	ENSECAP00000012261	4	3,3
Raftlin, lipid raft linker 1	RFTN1	ENSECAP00000011725	2	3,3
Transferrin	TF	ENSECAP00000016524	6	3,3
Laminin subunit gamma 1	LAMC1	ENSECAP00000021019	18	3,2
Glutaredoxin (thioltransferase)	GLRX	ENSECAP00000022109	2	3,2
Nexilin (F actin binding protein)	NEXN	ENSECAP00000012939	4	3,2
TIMP metalloproteinase inhibitor 3	TIMP3	ENSECAP00000015840	6	3,2
Abhydrolase domain containing 14B	ABHD14B	ENSECAP00000019890	3	3,1
Nestin	NES	ENSECAP00000014567	41	3,1
Complement C4A (Rodgers blood group)	C4A	ENSECAP00000007506	3	3,1
Vimentin	VIM	ENSECAP00000004638	26	3,1
Thrombospondin 1	THBS1	ENSECAP00000007423	45	3,0
Transmembrane emp24 protein transport domain containing 9	TMED9	ENSECAP00000013005	5	3,0
Calponin 1, basic, smooth muscle	CNN1	ENSECAP00000012245	14	3,0
Nidogen 1	NID1	ENSECAP00000014454	11	2,9

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
BCL2-associated athanogene 3	BAG3	ENSECAP00000003810	3	2,9
Cadherin 13	CDH13	ENSECAP00000018588	9	2,9
Serine carboxypeptidase 1	SCPEP1	ENSECAP00000004744	2	2,9
ISG15 ubiquitin-like modifier	ISG15	ENSECAP00000000924	2	2,9
Ribosomal protein S27a	RPS27A	ENSECAP00000016396	3	2,9
Prolylcarboxypeptidase	PRCP	ENSECAP00000020932	2	2,8
RAS related 2	RRAS2	ENSECAP00000018903	4	2,8
Adaptor-related protein complex 3, mu 1 subunit	AP3M1	ENSECAP00000006083	3	2,8
Dimethylarginine dimethylaminohydrolase 1	DDAH1	ENSECAP00000022557	10	2,8
Major histocompatibility complex, class I	HLA	ENSECAP00000019780	3	2,8
Carboxypeptidase Q	CPQ	ENSECAP00000006857	5	2,7
Palmitoyl-protein thioesterase 1	PPT1	ENSECAP00000015208	9	2,6
Aminoacylase 1	ACY1	ENSECAP00000008546	7	2,6
Guanosine monophosphate reductase 2	GMPR2	ENSECAP00000017425	2	2,6
Coagulation factor II (thrombin)	F2	ENSECAP00000009701	2	2,6
Ubiquitin protein ligase E3 component n-recogin 4	UBR4	ENSECAP00000022998	4	2,6
Heat shock 70kDa protein 5	HSPA5	ENSECAP00000021754	22	2,6
H2A histone family, member Y	H2AFY	ENSECAP00000008374	5	2,5
Dihydropyrimidinase-like 3	DPYSL3	ENSECAP00000018295	30	2,5
Ca <sup>++</sup> -dependent secretion activator	CADPS	ENSECAP00000013017	2	2,5
Caldesmon 1	CALD1	ENSECAP00000005182	24	2,5
Matrin 3	MATR3	ENSECAP00000010994	10	2,5
Tropomyosin 1 (alpha)	TPM1	ENSECAP00000012696	15	2,5
Quinoid dihydropteridine reductase	QDPR	ENSECAP00000003989	2	2,4
Calpain 2	CAPN2	ENSECAP00000009376	5	2,4
Collagen, type XII, alpha 1	COL12A1	ENSECAP00000022659	27	2,4
Chordin-like 1	CHRD1	ENSECAP00000010058	2	2,4
Tripeptidyl peptidase I	TPP1	ENSECAP00000006230	6	2,4
Galactosidase, alpha	GLA	ENSECAP00000016300	3	2,4
Secernin 1	SCRN1	ENSECAP00000020747	4	2,4

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Crystallin, zeta (quinone reductase)	CRYZ	ENSECAP00000006503	6	2,4
Protein O-fucosyltransferase 1	POFUT1	ENSECAP00000008305	5	2,4
Transforming growth factor, beta 2	TGFB2	ENSECAP00000014503	3	2,3
Actinin, alpha 1	ACTN1	ENSECAP00000017987	2	2,3
Laminin, beta 1	LAMB1	ENSECAP00000007267	17	2,3
Catechol-O-methyltransferase	COMT	ENSECAP00000005379	3	2,2
Adenosylhomocysteinase	AHCY	ENSECAP00000008913	3	2,2
Actin beta	ACTB	ENSECAP00000013637	5	2,2
NHL repeat containing 2	NHLRC2	ENSECAP00000016386	2	2,2
Superoxide dismutase 1	SOD1	ENSECAP00000007080	4	2,2
Tropomyosin 3	TPM3	ENSECAP00000009031	5	2,2
Ras-related GTP binding C	RRAGC	ENSECAP00000017362	2	2,2
GDP-mannose 4,6-dehydratase	GMDS	ENSECAP00000001415	3	2,2
Thyroid hormone receptor interactor 6	TRIP6	ENSECAP00000001980	2	2,2
Ribosomal protein S20	RPS20	ENSECAP00000010187	3	2,2
Gamma-glutamyl hydrolase	GGH	ENSECAP00000012700	2	2,2
Collagen, type IV, alpha 2	COL4A2	ENSECAP00000018971	2	2,2
Filamin C, gamma	FLNC	ENSECAP00000009637	73	2,2
Small nuclear ribonucleoprotein D1	SNRPD1	ENSECAP00000012062	2	2,1
Glutathione S-transferase mu 1	GSTM1	ENSECAP00000021933	5	2,1
Reticulocalbin 3, EF-hand calcium binding domain	RCN3	ENSECAP00000008379	7	2,1
Heme oxygenase (decycling) 2	HMOX2	ENSECAP00000014879	2	2,1
Fibulin 1	FBLN1	ENSECAP00000016104	10	2,1
Cytidine monophosphate (UMP-CMP) kinase 1, cytosolic	CMPK1	ENSECAP00000000342	6	2,1
Neurocalcin delta	NCALD	ENSECAP00000022293	2	2,1
Mannose phosphate isomerase	MPI	ENSECAP00000009055	4	2,1
Thioredoxin domain containing 17	TXNDC17	ENSECAP00000022569	3	2,1
Tropomyosin 2 (beta)	TPM2	ENSECAP00000011904	8	2,1
Insulin like growth factor binding protein 5	IGFBP-5	ENSECAP00000011203	5	2,1
N-acylsphingosine amidohydrolase (acid ceramidase) 1	ASAH1	ENSECAP00000017924	7	2,1

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Mannose-P-dolichol utilization defect 1	MPDU1	ENSECAP00000004283	2	2,1
Histidine triad nucleotide binding protein 1	HINT1	ENSECAP00000020620	3	2,0
Collagen, type V, alpha 1	COL5A1	ENSECAP00000010740	12	2,0
Glucose-6-phosphate isomerase	GPI	ENSECAP00000016531	22	2,0
Mitogen-activated protein kinase kinase 3	MAP2K3	ENSECAP00000020017	5	2,0
Plectin	PLEC	ENSECAP00000014735	76	2,0
Crystallin, alpha B	CRYAB	ENSECAP00000010228	10	2,0
Member RAS oncogene family	RAB6A	ENSECAP00000020242	3	2,0
N-acetylglucosamine kinase	NAGK	ENSECAP00000011239	9	2,0
Gap junction protein alpha 1	GJA1	ENSECAP00000003872	2	2,0
Glucosamine-phosphate N-acetyltransferase 1	GNPNAT1	ENSECAP00000017219	6	2,0
Actin gamma 1	ACTG1	ENSECAP00000016124	2	2,0
Splicing factor proline and glutamine rich	SFPQ	ENSECAP00000000482	2	2,0
Actin-related protein 1B	ACTR1B	ENSECAP00000002026	2	2,0
Calcium/calmodulin-dependent protein kinase II gamma	CAMK2G	ENSECAP00000001198	2	2,0
Ubiquitin C-terminal hydrolase L3	UCHL3	ENSECAP00000021698	6	2,0
Actin binding LIM protein 1	ABLIM1	ENSECAP00000021957	2	1,9
Cathepsin A	CTSA	ENSECAP00000003740	7	1,9
Golgi reassembly stacking protein 2	GORASP2	ENSECAP00000011471	4	1,9
Sideroflexin 3	SFXN3	ENSECAP00000017081	2	1,9
Tropomyosin 4 [	TPM4	ENSECAP00000019820	5	1,9
NudC domain containing 2	NUDCD2	ENSECAP00000016346	2	1,9
Ribosomal protein lateral stalk subunit P1	RPLP1	ENSECAP00000006580	2	1,9
Platelet-activating factor acetylhydrolase I subunit beta-like protein	PAFAH1B2	ENSECAP00000015899	3	1,9
Cullin 5	CUL5	ENSECAP00000022032	2	1,9
Annexin A1	ANXA1	ENSECAP00000013992	17	1,9
Ras-related C3 botulinum toxin substrate 1	RAC1	ENSECAP00000007748	4	1,9
Tumor protein, translationally-controlled 1	TPT1	ENSECAP00000015994	8	1,9
Doublecortin-like kinase 1	DCLK1	ENSECAP00000005909	8	1,9
Biliverdin reductase A	BLVRA	ENSECAP00000009598	2	1,9

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Reticulon 4	RTN4	ENSECAP00000009840	6	1,9
Collagen, type IV, alpha 1	COL4A1	ENSECAP00000018554	2	1,9
Palladin, cytoskeletal associated protein	PALLD	ENSECAP00000020670	22	1,9
Myosin, heavy chain 10, non-muscle	MYH10	ENSECAP00000014578	51	1,9
PDZ and LIM domain	PDLIM3	ENSECAP00000015636	4	1,9
Casein kinase 2 alpha 1	CSNK2A1	ENSECAP00000005940	4	1,9
Aldo-keto reductase family 7, member A2 (aflatoxin aldehyde reductase)	AKR7A2	ENSECAP00000000493	5	1,9
Thioredoxin-related transmembrane protein 3	TMX3	ENSECAP00000022339	9	1,9
Myotrophin	MTPN	ENSECAP00000021733	4	1,8
Eukaryotic translation initiation factor 6	EIF6	ENSECAP00000008564	4	1,8
Elastin microfibril interfacier 1	EMILIN1	ENSECAP00000022732	10	1,8
Microtubule-associated protein 1A	MAP1A	ENSECAP00000020152	16	1,8
Transgelin 2	TAGLN2	ENSECAP00000008091	18	1,8
Phosphoglycerate kinase 1	PGK1	ENSECAP00000012929	26	1,8
COP9 signalosome subunit 7A	COPS7A	ENSECAP00000013698	2	1,8
Adenosine kinase	ADK	ENSECAP00000006185	11	1,8
Transmembrane protein 43	TMEM43	ENSECAP00000004396	9	1,8
Lactate dehydrogenase A	LDHA	ENSECAP00000018516	21	1,8
Procollagen-lysine, 2-oxoglutarate 5-dioxygenase 2	PLOD2	ENSECAP00000007994	33	1,8
Nudix (nucleoside diphosphate linked moiety X)-type motif 2	NUDT2	ENSECAP00000009338	6	1,8
Nuclear transport factor 2	NUTF2	ENSECAP00000019024	3	1,8
Capping actin protein of muscle Z-line subunit alpha 2	CAPZA2	ENSECAP00000019129	8	1,8
Guanosine monophosphate reductase	GMPR	ENSECAP00000020502	4	1,8
Heat shock 27kDa protein 1	HSPB1	ENSECAP00000017959	13	1,8
Inner membrane protein, mitochondrial	IMMT	ENSECAP00000022179	9	1,8

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Proteasome (prosome, macropain) subunit, alpha type, 7	PSMA7	ENSECAP00000011982	8	0,6
Small nuclear ribonucleoprotein polypeptide B2	SNRPB2	ENSECAP00000016115	2	0,6
ELKS/RAB6-interacting/CAST family member 1	ERC1	ENSECAP00000022497	2	0,6
FNTA UniProtKB Gene Name Uncharacterized protein	FNTA	ENSECAP00000017440	2	0,6
Galactokinase 1	GALK1	ENSECAP00000017429	8	0,6
Eukaryotic translation initiation factor 4 gamma, 3	EIF4G3	ENSECAP00000009782	4	0,6
Leiomodin 1 (smooth muscle)	LMOD1	ENSECAP00000019005	4	0,6
Poly(A) binding protein interacting protein 1	PAIP1	ENSECAP00000013007	2	0,6
Ribosomal protein L28	RPL28	ENSECAP00000022991	6	0,6
Putative RNA-binding protein Luc7-like 2	FMC1-LUC7L2	ENSECAP00000022232	5	0,6
Serine and arginine rich splicing factor 1	SRSF1	ENSECAP00000014354	7	0,6
ArfGAP with FG repeats 1	AGFG1	ENSECAP00000012789	2	0,6
Keratin 5	KRT5	ENSECAP00000018010	10	0,6
Aldehyde dehydrogenase 9 family, member A1	ALDH9A1	ENSECAP00000010824	4	0,6
Cadherin 2	CDH2	ENSECAP00000008264	5	0,6
Poly-U binding splicing factor 60KDa	PUF60	ENSECAP00000022252	2	0,6
Erythrocyte membrane protein band 4.1-like 2	EPB41L2	ENSECAP00000011533	29	0,6
Interleukin enhancer binding factor 3	ILF3	ENSECAP00000015714	8	0,6
Glycogen phosphorylase L	PYGL	ENSECAP00000010315	15	0,6
Ribosomal protein S17	RPS17	ENSECAP00000004242	3	0,6
Galactose mutarotase (aldose 1-epimerase)	GALM	ENSECAP00000012291	4	0,6
Proteasome (prosome, macropain) activator subunit 1 (PA28 alpha)	PSME1	ENSECAP00000014397	6	0,6
Ribosomal protein S28	RPS28	ENSECAP00000014817	2	0,6
Solute carrier family 25 (mitochondrial carrier; adenine nucleotide translocator), member 4	SLC25A4	ENSECAP00000018459	3	0,6
Guanine nucleotide binding protein (G protein), beta polypeptide 1	GNB1	ENSECAP00000019413	4	0,6
Phosducin-like protein 3-like protein	PDCL3	ENSECAP00000013389	4	0,6
Lysyl oxidase-like 1	LOXL1	ENSECAP00000020935	3	0,6
Vacuolar protein sorting 26 homolog B	VPS26B	ENSECAP00000020918	2	0,6
Dolichyl-phosphate mannosyltransferase polypeptide 1, catalytic subunit	DPM1	ENSECAP00000009289	2	0,6
Proteasome (prosome, macropain) subunit, beta type, 2	PSMB2	ENSECAP00000019124	6	0,6

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Cysteinyl-tRNA synthetase	CARS	ENSECAP00000004803	5	0,6
Eukaryotic translation initiation factor 4E	EIF4E	ENSECAP00000004937	2	0,6
HBS1-like	HBS1L	ENSECAP00000004522	2	0,6
Activated leukocyte cell adhesion molecule	ALCAM	ENSECAP00000016606	9	0,6
TROVE domain family, member 2	TROVE2	ENSECAP00000016412	3	0,6
Trans-2,3-enoyl-CoA reductase	TECR	ENSECAP00000016737	3	0,6
EPH receptor A2	EPHA2	ENSECAP00000006952	7	0,6
Collagen, type III, alpha 1	COL3A1	ENSECAP00000022362	23	0,6
Phosphatidylinositol transfer protein, alpha	PITPNA	ENSECAP00000014996	3	0,6
NADH dehydrogenase (ubiquinone) flavoprotein 2	NDUFV2	ENSECAP00000007961	2	0,6
Negative regulator of ubiquitin-like proteins 1	NUB1	ENSECAP00000019757	7	0,6
Proliferation-associated 2G4	PA2G4	ENSECAP00000005241	11	0,6
Thimet oligopeptidase 1	THOP1	ENSECAP00000010353	7	0,6
Dehydrogenase/reductase (SDR family) member 7	DHRS7	ENSECAP00000009317	2	0,6
Importin 5	IPO5	ENSECAP00000022950	17	0,6
5'-nucleotidase, ecto (CD73)	NT5E	ENSECAP00000007576	3	0,6
Eukaryotic translation initiation factor 3, subunit L	EIF3L	ENSECAP00000013127	3	0,6
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 4	NDUFA4	ENSECAP00000023050	3	0,6
Guanylate binding protein 2, interferon-inducible	GBP2	ENSECAP00000017126	2	0,6
EH-domain containing 1	EHD1	ENSECAP00000009720	10	0,6
Methionine adenosyltransferase II, alpha	MAT2A	ENSECAP00000005594	6	0,6
Extended synaptotagmin-like protein 1	ESYT1	ENSECAP00000011487	15	0,6
DEAD (Asp-Glu-Ala-Asp) box helicase 3, X-linked	DDX3X	ENSECAP00000008443	13	0,6
BCL2-associated X protein	BAX	ENSECAP00000014372	4	0,6
Dihydrolipoamide dehydrogenase	DLD	ENSECAP00000001815	2	0,6
Eukaryotic translation initiation factor 3, subunit B	EIF3B	ENSECAP00000011816	6	0,6
Protein phosphatase 3 regulatory subunit B, alpha	PPP3R1	ENSECAP00000007559	4	0,6
Glutathione S-transferase mu 3 (brain)	GSTM3	ENSECAP00000016893	10	0,6
YKT6 v-SNARE homolog	YKT6	ENSECAP00000008359	2	0,6
BCL2-like 13 (apoptosis facilitator)	BCL2L13	ENSECAP00000008298	9	0,6

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Oxidative stress responsive 1	OXSR1	ENSECAP00000017204	4	0,6
Reticulocalbin 1, EF-hand calcium binding domain	RCN1	ENSECAP00000019531	7	0,6
FKBP prolyl isomerase 3	FKBP3	ENSECAP00000015825	3	0,6
UPF1 regulator of nonsense transcripts homolog	UPF1	ENSECAP00000008885	5	0,6
Proteasome (prosome, macropain) 26S subunit, non-ATPase, 12	PSMD12	ENSECAP00000010459	4	0,6
Valyl-tRNA synthetase	VAR5	ENSECAP00000013051	5	0,6
6-phosphogluconolactonase	PGLS	ENSECAP00000008291	9	0,6
Dynein, cytoplasmic 1, light intermediate chain 1	DYNC1LI1	ENSECAP00000008784	4	0,6
Hydroxyacylglutathione hydrolase	HAGH	ENSECAP00000004460	4	0,6
Adaptor-related protein complex 1, gamma 1 subunit	APIG1	ENSECAP00000011140	5	0,6
Mesoderm development candidate 2	MESDC2	ENSECAP00000015901	3	0,6
Unc-45 homolog A	UNC45A	ENSECAP00000016816	2	0,6
Von Hippel-Lindau binding protein 1	VBP1	ENSECAP00000001497	7	0,6
NmrA like redox sensor 1	NMRAL1	ENSECAP00000020569	2	0,6
Aldehyde dehydrogenase 3 family, member A2	ALDH3A2	ENSECAP00000010083	7	0,6
Neural cell adhesion molecule 1	NCAM1	ENSECAP00000017648	7	0,6
N(alpha)-acetyltransferase 50, NatE catalytic subunit	NAA50	ENSECAP00000020661	2	0,6
Dystroglycan 1 (dystrophin-associated glycoprotein 1)	DAG1	ENSECAP00000007588	2	0,6
Thumb domain containing 3	THUMPD3	ENSECAP00000001683	2	0,6
Ribosomal protein S6	RPS6	ENSECAP00000013727	7	0,6
Glutathione S-transferase theta-3-like	LOC100053468	ENSECAP00000000410	4	0,5
Phosphoribosyl pyrophosphate synthetase 1	PRPS1	ENSECAP00000022267	3	0,5
Pyridoxal (pyridoxine, vitamin B6) kinase	PDXK	ENSECAP00000019881	4	0,5
Pyruvate dehydrogenase (lipoamide) alpha 1	PDHA1	ENSECAP00000002793	4	0,5
Eukaryotic translation initiation factor 3, subunit A	EIF3A	ENSECAP00000019554	11	0,5
Protein phosphatase 1, regulatory subunit 7	PPP1R7	ENSECAP00000014938	3	0,5
COP9 signalosome subunit 5	COP55	ENSECAP00000011800	2	0,5
Thioredoxin-like 1	TXNL1	ENSECAP00000019349	2	0,5
Cysteine and histidine-rich domain (CHORD) containing 1	CHORDC1	ENSECAP00000007286	3	0,5
Cullin 3	CUL3	ENSECAP00000009554	3	0,5

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
U2 small nuclear RNA auxiliary factor 2	U2AF2	ENSECAP00000008276	6	0,5
Glutathione S-transferase omega 1	GSTO1	ENSECAP00000009471	9	0,5
Fumarylacetoacetate hydrolase domain containing 2A	FAHD2A	ENSECAP00000010451	4	0,5
Insulin-degrading enzyme	IDE	ENSECAP00000009077	3	0,5
Matrix-remodelling associated 7	MXRA7	ENSECAP00000008059	2	0,5
Gamma-glutamyl carboxylase	GGCX	ENSECAP00000008762	2	0,5
Tripartite motif containing 28	TRIM28	ENSECAP00000008770	8	0,5
Basic transcription factor 3	BTF3	ENSECAP00000019178	5	0,5
ER membrane protein complex subunit 2	EMC2	ENSECAP00000008336	3	0,5
Glycogenin 1	GYG1	ENSECAP00000020709	2	0,5
RNA 3'-terminal phosphate cyclase	RTCA	ENSECAP00000017643	2	0,5
Adaptor-related protein complex 2, alpha 2 subunit	AP2A2	ENSECAP00000012998	9	0,5
Integrin, beta 5	ITGB5	ENSECAP00000006461	3	0,5
FERM, RhoGEF (ARHGEF) and pleckstrin domain protein 1	FARP1	ENSECAP00000013280	7	0,5
Increased sodium tolerance 1 homolog	IST1	ENSECAP00000020400	2	0,5
Prothymosin, alpha	PTMA	ENSECAP00000004606	2	0,5
Keratin 10A	KRT10A	ENSECAP00000018005	15	0,5
Karyopherin alpha 6	KPNA6	ENSECAP00000004249	3	0,5
Catalase	CAT	ENSECAP00000017490	13	0,5
Phosphoglucomutase 2	PGM2	ENSECAP00000007456	12	0,5
2,4-dienoyl CoA reductase 1, mitochondrial	DECR1	ENSECAP00000019674	3	0,5
Ribosomal protein S10	RPS10	ENSECAP00000004827	3	0,5
Acyl-CoA binding domain containing 3	ACBD3	ENSECAP00000000079	4	0,5
Ras homolog family member G	RHOG	ENSECAP00000020368	3	0,5
FKBP prolyl isomerase 4	FKBP4	ENSECAP00000018238	4	0,5
ATPase H <sup>+</sup> transporting V0 subunit d1	ATP6V0D1	ENSECAP00000013371	3	0,5
V-crk avian sarcoma virus CT10 oncogene homolog-like	CRKL	ENSECAP00000015239	2	0,5
Ubiquitin-like modifier activating enzyme 2	UBA2	ENSECAP00000000109	3	0,5
Protein kinase cAMP-dependent type I regulatory subunit alpha	PRKAR1A	ENSECAP00000000501	2	0,5
Proteasome 26S subunit, non-ATPase 7	PSMD7	ENSECAP00000017866	9	0,5

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
EF-hand domain family, member D2	EFHD2	ENSECAP00000023026	3	0,5
Electron-transfer-flavoprotein, alpha polypeptide	ETFA	ENSECAP00000002000	3	0,5
Aldehyde dehydrogenase 4 family, member A1	ALDH4A1	ENSECAP00000010053	7	0,5
Succinate-CoA ligase, ADP-forming, beta subunit	SUCLA2	ENSECAP00000009321	4	0,5
RNA 2',3'-cyclic phosphate and 5'-OH ligase	RTCB	ENSECAP00000021424	7	0,5
Stomatin	STOM	ENSECAP00000010841	2	0,5
Leucine zipper-EF-hand containing transmembrane protein 1	LETM1	ENSECAP00000016246	3	0,5
Dehydrogenase/reductase 9	DHRS9	ENSECAP00000021097	3	0,5
Transmembrane 4 L six family member 1	TM4SF1	ENSECAP00000016748	2	0,5
N-myc downstream regulated 1	NDRG1	ENSECAP00000022704	6	0,5
ADP-ribosylation factor 6	ARF6	ENSECAP00000003574	4	0,5
Fatty acid binding protein 5	FABP5	ENSECAP00000006891	7	0,5
Kinesin light chain 1	KLC1	ENSECAP00000013087	8	0,5
Fatty acid synthase	FASN	ENSECAP00000017442	28	0,5
G protein pathway suppressor 1	GPS1	ENSECAP00000008169	4	0,5
Discs large MAGUK scaffold protein 1	DLG1	ENSECAP00000010309	10	0,5
SEC11 homolog A, signal peptidase complex subunit	SEC11A	ENSECAP00000018706	2	0,5
Active BCR-related	ABR	ENSECAP00000019824	2	0,5
Cytochrome c oxidase subunit IV isoform 1	COX4I1	ENSECAP00000009694	2	0,5
Phosphoenolpyruvate carboxykinase 2	PCK2	ENSECAP00000011957	6	0,5
LSM14A mRNA processing body assembly factor	LSM14A	ENSECAP00000013997	2	0,5
Transmembrane 9 superfamily member 2	TM9SF2	ENSECAP00000021452	5	0,5
Eukaryotic translation initiation factor 3, subunit D	EIF3D	ENSECAP00000020144	6	0,5
Cytochrome b reductase 1	CYBRD1	ENSECAP00000000388	3	0,5
Glia maturation factor, beta	GMFB	ENSECAP00000005011	3	0,5
Chloride channel CLIC-like 1	CLCC1	ENSECAP00000009106	2	0,5
N-alpha-acetyltransferase 15, NatA auxiliary subunit	NAA15	ENSECAP00000017864	3	0,5
Ion peptidase 1, mitochondrial	LONP1	ENSECAP00000012715	6	0,5
Serpin peptidase inhibitor, clade B (ovalbumin), member 9	SERPINB9	ENSECAP00000010408	7	0,4
Adenylate kinase 2	AK2	ENSECAP00000021331	4	0,4

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Proteasome activator subunit 2	PSME2	ENSECAP00000016044	11	0,4
Ubiquinol-cytochrome c reductase core protein 2	UQCRC2	ENSECAP00000018932	5	0,4
GTPase activating protein (SH3 domain) binding protein 1	G3BP1	ENSECAP00000003646	5	0,4
Isocitrate dehydrogenase 3 (NAD+) alpha	IDH3A	ENSECAP00000013156	5	0,4
Enoyl-CoA hydratase, short chain 1	ECHS1	ENSECAP00000010617	7	0,4
Hydroxysteroid (17-beta) dehydrogenase 10	HSD17B10	ENSECAP00000013274	9	0,4
KH-type splicing regulatory protein	KHSRP	ENSECAP00000016437	12	0,4
Transglutaminase 2	TGM2	ENSECAP00000005171	10	0,4
Microtubule-associated protein, RP/EB family, member 2	MAPRE2	ENSECAP00000010733	2	0,4
Leucine zipper and CTNBP1 domain containing	LZIC	ENSECAP00000019732	2	0,4
A-kinase anchoring protein 12	AKAP12	ENSECAP00000019559	39	0,4
Dynactin subunit 3	DCTN3	ENSECAP00000011028	2	0,4
Apoptosis-inducing factor, mitochondrion-associated 1	AIFM1	ENSECAP00000002768	2	0,4
Serrate RNA effector molecule	SRRT	ENSECAP00000010508	3	0,4
Lymphocyte cytosolic protein 1	LCP1	ENSECAP00000020814	27	0,4
Dihydrolipoamide S-succinyltransferase	DLST	ENSECAP00000000327	3	0,4
Electron transfer flavoprotein subunit beta	ETFB	ENSECAP00000012800	4	0,4
Amylo-alpha-1, 6-glucosidase, 4-alpha-glucanotransferase	AGL	ENSECAP00000009911	7	0,4
NAD(P) dependent steroid dehydrogenase-like	NSDHL	ENSECAP00000001756	7	0,4
Peptidyl arginine deiminase 2	PADI2	ENSECAP00000019818	3	0,4
Programmed cell death 5	PDCD5	ENSECAP00000016861	2	0,4
Carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase	CAD	ENSECAP00000013302	2	0,4
Small nuclear ribonucleoprotein D3 polypeptide	SNRPD3	ENSECAP00000020731	2	0,4
Selenium binding protein 1	SELENBP1	ENSECAP00000015878	7	0,4
Cellular communication network factor 1	CCN1	ENSECAP00000022550	2	0,4
Damage-specific DNA binding protein 1	DDB1	ENSECAP00000010678	10	0,4
Glycogen synthase kinase 3 beta	GSK3B	ENSECAP00000022500	2	0,4
Family with sequence similarity 98 member A	FAM98A	ENSECAP00000019145	2	0,4
Glutaminyl-tRNA synthetase	QARS	ENSECAP00000002874	7	0,4
Prohibitin	PHB	ENSECAP00000015308	7	0,4

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Isochorismatase domain containing 1	ISOC1	ENSECAP00000003746	2	0,4
NADH:ubiquinone oxidoreductase subunit B3	NDUFB3	ENSECAP00000018120	2	0,4
Ubiquitin-conjugating enzyme E2Z	UBE2Z	ENSECAP00000018692	2	0,4
NADH:ubiquinone oxidoreductase core subunit S1	NDUFS1	ENSECAP00000013490	4	0,4
2',3'-cyclic nucleotide 3' phosphodiesterase	CNP	ENSECAP00000001947	6	0,4
Cytoplasmic FMR1 interacting protein 1	CYFIP1	ENSECAP00000010775	8	0,4
Transmembrane protein 33	TMEM33	ENSECAP00000009600	3	0,4
Acidic nuclear phosphoprotein 32 family member E	ANP32E	ENSECAP00000006868	3	0,4
Ubiquitin specific peptidase 9, X-linked	USP9X	ENSECAP00000005875	8	0,4
Plexin B2	PLXNB2	ENSECAP00000017324	6	0,4
Tubulin folding cofactor B	TBCB	ENSECAP00000006151	6	0,4
Protein phosphatase 5, catalytic subunit	PPP5C	ENSECAP00000006923	4	0,4
Eukaryotic translation initiation factor 3, subunit F	EIF3F	ENSECAP00000000911	2	0,4
Creatine kinase, brain	CKB	ENSECAP00000007023	20	0,4
Secernin 2	SCRN2	ENSECAP00000007924	2	0,4
Cullin 9	CUL9	ENSECAP00000010144	2	0,4
CUB domain containing protein 1	CDCP1	ENSECAP00000022716	3	0,4
Coagulation factor III, tissue factor	F3	ENSECAP00000020955	2	0,4
Transmembrane protein 245	TMEM245	ENSECAP00000006292	2	0,4
Calcyclin binding protein	CACYBP	ENSECAP00000003859	2	0,3
ADP-dependent glucokinase	ADPGK	ENSECAP00000018043	4	0,3
Protein phosphatase, Mg <sup>2+</sup> /Mn <sup>2+</sup> dependent 1G	PPM1G	ENSECAP00000016555	2	0,3
7-dehydrocholesterol reductase	DHCR7	ENSECAP00000020771	2	0,3
Tripeptidyl peptidase 2	TPP2	ENSECAP00000003448	2	0,3
Methylthioribose-1-phosphate isomerase 1	MRI1	ENSECAP00000008708	3	0,3
Proteasome activator subunit 3	PSME3	ENSECAP00000010604	3	0,3
SEC24 homolog A, COPII coat complex component	SEC24A	ENSECAP00000003361	3	0,3
Inosine monophosphate dehydrogenase 2	IMPDH2	ENSECAP00000005673	2	0,3
Adducin 1	ADD1	ENSECAP00000011200	3	0,3
Vesicle trafficking 1	VTA1	ENSECAP00000004243	2	0,3

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Sec23 homolog A, COPII coat complex component	SEC23A	ENSECAP00000012410	17	0,3
Ectonucleotide pyrophosphatase/phosphodiesterase 6	ENPP6	ENSECAP00000009498	2	0,3
5'-nucleotidase, cytosolic II	NT5C2	ENSECAP00000020297	4	0,3
CD68 molecule	CD68	ENSECAP00000002079	2	0,3
Guanine deaminase	GDA	ENSECAP00000000192	4	0,3
Transportin 1	TNPO1	ENSECAP00000022136	6	0,3
FK506 binding protein 7	FKBP7	ENSECAP00000006148	2	0,3
Aldolase C, fructose-bisphosphate	ALDOC	ENSECAP00000011062	16	0,3
Tubulin tyrosine ligase-like family, member 12	TTLL12	ENSECAP00000019371	4	0,3
Aldehyde dehydrogenase 6 family, member A1	ALDH6A1	ENSECAP00000007658	3	0,3
Solute carrier family 25 (aspartate/glutamate carrier), member 12	SLC25A12	ENSECAP00000007648	2	0,3
Filamin binding LIM protein 1	FBLIM1	ENSECAP00000009674	6	0,3
Nudix (nucleoside diphosphate linked moiety X)-type motif 21	NUDT21	ENSECAP00000001269	3	0,3
Ceruloplasmin	CP	ENSECAP00000010483	20	0,3
Transmembrane emp24 protein transport domain containing 3	TMED3	ENSECAP00000009071	2	0,3
High mobility group box 1	HMGB1	ENSECAP00000002478	2	0,3
Thymopoietin	TMPO	ENSECAP00000021062	3	0,3
Signal sequence receptor, alpha	SSR1	ENSECAP00000017164	4	0,3
IKBKB interacting protein	IKBIP	ENSECAP00000021838	3	0,3
24-dehydrocholesterol reductase	DHCR24	ENSECAP00000015780	3	0,3
Flotillin 2	FLOT2	ENSECAP00000010141	2	0,3
Aldehyde dehydrogenase 1 family, member L2	ALDH1L2	ENSECAP00000021722	3	0,3
Tubulin folding cofactor D	TBCD	ENSECAP00000008801	2	0,3
Nicotinamide nucleotide transhydrogenase	NNT	ENSECAP00000014336	10	0,3
Natriuretic peptide receptor 3	NPR3	ENSECAP00000017782	3	0,3
Leucine-rich pentatricopeptide repeat containing	LRPPRC	ENSECAP00000021242	4	0,3
Methylthioadenosine phosphorylase	MTAP	ENSECAP00000007017	3	0,3
Cytochrome b5 type A	CYB5A	ENSECAP00000015129	2	0,3
Retinoblastoma binding protein 7	RBBP7	ENSECAP00000017931	2	0,3
Keratin 1	KRT1	ENSECAP00000019935	7	0,3

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Hematological and neurological expressed 1-like	HN1L	ENSECAP00000023084	3	0,3
Sorting nexin 2	SNX2	ENSECAP00000005891	5	0,3
Decapping enzyme, scavenger	DCPS	ENSECAP00000010836	3	0,3
Keratin 13	KRT13	ENSECAP00000015063	7	0,3
WW domain binding protein 2	WBP2	ENSECAP00000019984	2	0,3
Anoctamin 6	ANO6	ENSECAP00000010736	2	0,3
Oxoglutarate dehydrogenase	OGDH	ENSECAP00000021677	2	0,3
Thymocyte nuclear protein 1	THYN1	ENSECAP00000001443	2	0,3
SERPINE1 mRNA binding protein 1	SERBP1	ENSECAP00000012393	5	0,3
Guanine monphosphate synthase	GMPS	ENSECAP00000020721	6	0,3
Serpin family F member 1	SERPINF1	ENSECAP00000019875	2	0,3
Mitogen-activated protein kinase kinase 2	MAP2K2	ENSECAP00000007767	3	0,3
Adenylate kinase 4	AK4	ENSECAP00000016009	2	0,3
Perilipin 3	PLIN3	ENSECAP00000007580	2	0,3
Coiled-coil domain containing 47	CCDC47	ENSECAP00000012066	2	0,2
TRK-fused gene	TFG	ENSECAP00000018137	2	0,2
Spondin 1	SPON1	ENSECAP00000018447	8	0,2
Myelin protein zero-like 1	MPZL1	ENSECAP00000005129	2	0,2
Aldehyde dehydrogenase 1 family, member L1	ALDH1L1	ENSECAP00000018494	16	0,2
Enoyl-CoA delta isomerase 1	ECI1	ENSECAP00000021144	2	0,2
Septin 8	SEPT8	ENSECAP00000020066	10	0,2
Keratin 17	KRT17	ENSECAP00000014186	10	0,2
Calcium/calmodulin-dependent serine protein kinase	CASK	ENSECAP00000012269	4	0,2
RAB35, member RAS oncogene family	RAB35	ENSECAP00000001619	3	0,2
Ribosomal protein L37a	RPL37A	ENSECAP00000009825	3	0,2
NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 10	NDUFA10	ENSECAP00000018946	3	0,2
SH3-domain GRB2-like 1	SH3GL1	ENSECAP00000022327	2	0,2
Transmembrane emp24 protein transport domain containing	TMED1	ENSECAP00000019048	2	0,2
COPI coat complex subunit zeta 1	COPZ1	ENSECAP00000022118	2	0,2
Yip1 domain family, member 5	YIPF5	ENSECAP00000003059	2	0,2

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
RAB GTPase activating protein 1	RABGAP1	ENSECAP00000016087	2	0,2
Arginyl aminopeptidase	RNPEP	ENSECAP00000021316	2	0,2
Desmin	DES	ENSECAP00000011546	18	0,2
Heterogeneous nuclear ribonucleoprotein F	HNRNPF	ENSECAP00000002228	4	0,2
KDEL (Lys-Asp-Glu-Leu) containing 2	KDELC2	ENSECAP00000021501	2	0,2
Succinate-CoA ligase, GDP-forming, beta subunit	SUCLG2	ENSECAP00000020706	9	0,2
Carbonic anhydrase II	CA2	ENSECAP00000014302	6	0,2
ATP-binding cassette, sub-family C member 1	ABCC1	ENSECAP00000005390	2	0,2
Immunity-related GTPase family, Q	IRGQ	ENSECAP00000010957	3	0,2
Protein disulfide isomerase family A, member 5	PDIA5	ENSECAP00000013195	2	0,2
Solute carrier family 1 (glial high affinity glutamate transporter), member 3	SLC1A3	ENSECAP00000017208	2	0,2
Proteasome (prosome, macropain) subunit, beta type, 8	PSMB8	ENSECAP00000016548	3	0,2
Transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)	TAP1	ENSECAP00000020282	3	0,2
Proliferating cell nuclear antigen	PCNA	ENSECAP00000010854	3	0,2
Protein phosphatase 6, regulatory subunit 3	PPP6R3	ENSECAP00000013607	2	0,2
Keratin 14	KRT14	ENSECAP00000009507	11	0,2
NADH:ubiquinone oxidoreductase subunit B10	NDUFB10	ENSECAP00000018022	3	0,2
NADH:ubiquinone oxidoreductase core subunit V1	NDUFV1	ENSECAP00000018962	2	0,2
Desmoglein 1	DSG1	ENSECAP00000015847	3	0,2
Collagen, type VI, alpha 2	COL6A2	ENSECAP00000017260	6	0,2
Fas cell surface death receptor	FAS	ENSECAP00000011566	3	0,2
Keratin 6C	KRT6C	ENSECAP00000012631	15	0,2
Abhydrolase domain containing 12	ABHD12	ENSECAP00000004708	2	0,2
GLI pathogenesis-related 2	GLIPR2	ENSECAP00000010330	3	0,1
Dynamin 1-like	DNM1L	ENSECAP00000019701	2	0,1
Major histocompatibility complex, class I, B	HLA-B	ENSECAP00000021590	4	0,1
SPT16 homolog, facilitates chromatin remodeling subunit	SUPT16H	ENSECAP00000019387	2	0,1
Cadherin 11	CDH11	ENSECAP00000007070	3	0,1
Keratin 18	KRT18	ENSECAP00000001480	7	0,1
Serine/threonine kinase 38 like	STK38L	ENSECAP00000021317	3	0,1

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
VPS29 retromer complex component	VPS29	ENSECAP00000006909	2	0,1
Aldehyde dehydrogenase 3 family, member A1	ALDH3A1	ENSECAP00000008456	14	0,1
Junction plakoglobin	JUP	ENSECAP00000018374	11	0,1
Carbonic anhydrase IV	CA4	ENSECAP00000020259	11	0,1
Desmoplakin	DSP	ENSECAP00000023013	19	0,1
Nipsnap homolog 1	NIPSNAP1	ENSECAP00000019337	2	0,1
Cytochrome b-245, beta polypeptide	CYBB	ENSECAP00000015910	4	0,1
Cytochrome P450, family 51, subfamily A, polypeptide 1	CYP51A1	ENSECAP00000005096	2	0,1
Aconitase 1	ACO1	ENSECAP00000013327	3	0,1
Developmentally regulated GTP binding protein 2	DRG2	ENSECAP00000016583	2	0,1
Renin binding protein	RENBP	ENSECAP00000016640	3	0,1
TATA-box binding protein associated factor 15	TAF15	ENSECAP00000000561	2	0,1
Paxillin	PXN	ENSECAP00000012610	2	0,1
Purine nucleoside phosphorylase	PNP	ENSECAP00000015246	12	0,1
Flotillin 1	FLOT1	ENSECAP00000019710	2	0,1
Major histocompatibility complex, class I, B	HLA-B	ENSECAP00000009264	6	0,1
Syntaxin 4	STX4	ENSECAP00000009093	2	0,1
Fatty acid binding protein 3	FABP3	ENSECAP00000022407	2	0,1
Keratin 16	KRT16	ENSECAP00000004544	9	0,1
Platelet-derived growth factor receptor, beta polypeptide	PDGFRB	ENSECAP00000022400	2	0,1
Integrin, beta 2	ITGB2	ENSECAP00000021220	3	0,1
Immunoglobulin superfamily containing leucine-rich repeat	ISLR	ENSECAP00000002466	7	0,1
Keratin 75	KRT75	ENSECAP00000008235	13	0,1
Sulfide quinone oxidoreductase	SQOR	ENSECAP00000007030	3	0,1
Signal peptidase complex subunit 2	SPCS2	ENSECAP00000005308	2	0,1
Farnesyl diphosphate synthase	FDPS	ENSECAP00000020976	2	0,1
Keratin 31	KRT31	ENSECAP00000013356	9	0,0
Rho GDP dissociation inhibitor beta	ARHGDI3	ENSECAP00000011470	3	0,0
MARCKS-like 1	MARCKSL1	ENSECAP00000003768	2	0,0
MX dynamin like GTPase 1	MX1	ENSECAP00000010646	4	0,0

Protein name	Gene name	Accession number	Unique peptides	Ratio ERU/healthy
Peptidyl-tRNA hydrolase 2	PTRH2	ENSECAP00000002482	2	0,0
Wolfram syndrome 1 (wolframin)	WFS1	ENSECAP00000010945	2	0,0
Plakophilin 1	PKP1	ENSECAP00000012989	3	0,0
Isoleucyl-tRNA synthetase 2, mitochondrial	IARS2	ENSECAP00000020274	2	0,0
Signal peptidase complex subunit 3	SPCS3	ENSECAP00000014026	2	0,0
Acyl-CoA dehydrogenase medium chain	ACADM	ENSECAP00000018743	2	0,0
Isovaleryl-CoA dehydrogenase	IVD	ENSECAP00000006186	2	0,0
Ribosomal protein L29	RPL29	ENSECAP00000005489	2	0,0
Glutaminase	GLS	ENSECAP00000009120	3	0,0
Glutathione synthetase	GSS	ENSECAP00000019364	2	0,0
Diablo, IAP-binding mitochondrial protein	DIABLO	ENSECAP00000017797	2	0,0
Ectonucleotide pyrophosphatase/phosphodiesterase 5 (putative)	ENPP5	ENSECAP00000009987	2	0,0
Acyl-CoA synthetase family member 2	ACSF2	ENSECAP00000017063	2	0,0
Glutamate-cysteine ligase, modifier subunit	GCLM	ENSECAP00000019390	2	0,0
Proteasome 26S subunit, non-ATPase 10	PSMD10	ENSECAP00000018360	2	0,0