

Gene Symbol	uniProt Id	Sequence Name	TM Normalized SC	Urine Normalized SC
FN1	P02751	Fibronectin	2447.53	31.75
KRT1	P04264	Keratin, type II cytoskeletal 1	503.09	69.85
KRT9	P35527	Keratin, type I cytoskeletal 9	489.61	35.5
HSPG2	P98160	Basement membrane-specific heparan sulfate proteoglycan core protein	420.76	56.74
COL12A1	Q99715	Collagen alpha-1(XII) chain	308.47	1.69
KRT10	P13645	Keratin, type I cytoskeletal 10	292.7	69.78
MFGE8	Q08431	Lactadherin	244.3	4.72
A2M	P01023	Alpha-2-macroglobulin	267.99	19.23
KRT2	P35908	Keratin, type II cytoskeletal 2 epidermal	206.83	37.74
ANXA2	P07355	Annexin A2	103.57	80.76
COL1A2	P08123	Collagen alpha-2(I) chain	96.4	1.7
EMILIN1	Q9Y6C2	EMILIN-1	98.39	0
ANXA6	P08133	Annexin A6	78.22	43.23
PKM2	P14618	Pyruvate kinase isozymes M1/M2	72.22	90.29
MVP	Q14764	Major vault protein	77.37	11.93
ALB	P02768	Serum albumin	77.78	107.67
LGALS3BP	Q08380	Galectin-3-binding protein	79	48.18
ANXA5	P08758	Annexin A5	70.18	53.52
FLNA	P21333	Filamin-A	68.79	1.16
ANXA1	P04083	Annexin A1	63.82	75.94
KRT6B	P04259	Keratin, type II cytoskeletal 6B	70.01	30.24
EDIL3	O43854	EGF-like repeat and discoidin I-like domain-containing protein 3	63.97	0.33
MYOC	Q99972	Myocilin	67.6	0.33
MYH9	P35579	Myosin-9	58.92	38
GAPDH	P04406	Glyceraldehyde-3-phosphate dehydrogenase	54.58	110.8
MYOF	Q9NZM1	Myoferlin	51.48	18.71
THBS1	P07996	Thrombospondin-1	56.9	11.96
KRT6C	P48668	Keratin, type II cytoskeletal 6C	58.51	28.45
LAMA4	Q16363	Laminin subunit alpha-4	56.17	0
NT5E	P21589	5'-nucleotidase	50.81	1.98
CLTC	Q00610	Clathrin heavy chain 1	47.1	30.14
ENO1	P06733	Alpha-enolase	45.46	178.5
LTBP2	Q14767	Latent-transforming growth factor beta-binding protein 2	55.15	1.34
GSN	P06396	Gelsolin	51.28	35.33
DYNC1H1	Q14204	Cytoplasmic dynein 1 heavy chain 1	38.79	24.07
ACTB	P60709	Actin, cytoplasmic 1	40.53	199.77
ACTN1	P12814	Alpha-actinin-1	38.62	22.95
TLN1	Q9Y490	Talin-1	38.98	16.51
LAMB1	P07942	Laminin subunit beta-1	41.24	1
HRNR	Q86YZ3	Hornerin	40.49	6.04
TGFBI	Q15582	Transforming growth factor-beta-induced protein ig-h3	39.46	0.34
ACTN4	O43707	Alpha-actinin-4	33.22	40.47
PCOLCE	Q15113	Procollagen C-endopeptidase enhancer 1	42.53	0
SDCBP	O00560	Syntenin-1	34.83	194.57
MYO1C	O00159	Myosin-Ic	31.36	100.42
C3	P01024	Complement C3	31.51	60.21
PZP	P20742	Pregnancy zone protein	38.39	5.28
MSN	P26038	Moesin	30.81	192.15
ACTC1	P68032	Actin, alpha cardiac muscle 1	30.31	101.39
LAMC1	P11047	Laminin subunit gamma-1	34.16	4.18
TUBB	P07437	Tubulin beta chain	29.97	32.3
VIM	P08670	Vimentin	31.28	0
DPP4	P27487	Dipeptidyl peptidase 4	27.4	293.23

HSPA8	P11142	Heat shock cognate 71 kDa protein	30.03	92.71
ACTA1	P68133	Actin, alpha skeletal muscle	27.68	101.39
STOM	P27105	Erythrocyte band 7 integral membrane protein	27.4	45.19
C4B	P0C0L5	Complement C4-B	34.07	62.34
ITGB1	P05556	Integrin beta-1	26.67	5.2
C4A	P0C0L4	Complement C4-A	33.67	60.18
ATP1A1	P05023	Sodium/potassium-transporting ATPase subunit alpha-1	27.1	57.36
CCDC80	Q76M96	Coiled-coil domain-containing protein 80	31	0
DSP	P15924	Desmoplakin	28.6	2.48
LAMA5	O15230	Laminin subunit alpha-5	27.55	12.52
LRP1	Q07954	Prolow-density lipoprotein receptor-related protein 1	27.94	0.69
TUBA1B	P68363	Tubulin alpha-1B chain	25.23	57.21
COL4A2	P08572	Collagen alpha-2(IV) chain	29.39	3.03
TUBB2C	P68371	Tubulin beta-2C chain	24.24	34.64
NID2	Q14112	Nidogen-2	28.13	0.98
TUBA1A	Q71U36	Tubulin alpha-1A chain	23.81	43.07
THBS2	P35442	Thrombospondin-2	26.9	0.49
VCP	P55072	Transitional endoplasmic reticulum ATPase	23.6	9.95
TUBA1C	Q9BQE3	Tubulin alpha-1C chain	22.91	54.52
EHD2	Q9NZN4	EH domain-containing protein 2	21.85	1.15
MMP2	P08253	72 kDa type IV collagenase	25.41	0.49
TUBB3	Q13509	Tubulin beta-3 chain	22.15	21.24
TUBA4A	P68366	Tubulin alpha-4A chain	21.83	49.08
C1R	P00736	Complement C1r subcomponent	25.75	2.14
EEF1A1	P68104	Elongation factor 1-alpha 1	21.1	39.6
CTSD	P07339	Cathepsin D	23.14	23.77
UBC	P62988	Ubiquitin	22.17	65.34
HTRA1	Q92743	Serine protease HTRA1	24.72	4.23
PGK1	P00558	Phosphoglycerate kinase 1	21.21	58.9
PXDN	Q92626	Peroxidasin homolog	22.65	0
COL18A1	P39060	Collagen alpha-1(XVIII) chain	24.92	19.53
CD81	P60033	CD81 antigen	20.56	7.07
PDCD6IP	Q8WUM4	Programmed cell death 6-interacting protein	20.83	257.48
TUBB4	P04350	Tubulin beta-4 chain	19.53	22.93
TUBB2A	Q13885	Tubulin beta-2A chain	20.04	27.81
FLNC	Q14315	Filamin-C	19.76	0.98
HSPA5	P11021	78 kDa glucose-regulated protein	20.29	18.82
ATP2B4	P23634	Plasma membrane calcium-transporting ATPase 4	18.43	0
GNAI2	P04899	Guanine nucleotide-binding protein G(i) subunit alpha-2	18.66	87.72
KRT8	P05787	Keratin, type II cytoskeletal 8	22.18	4.95
ALDOA	P04075	Fructose-bisphosphate aldolase A	18.18	15.37
IQGAP1	P46940	Ras GTPase-activating-like protein IQGAP1	18.98	31.4
VCL	P18206	Vinculin	19.4	6.53
KRT3	P12035	Keratin, type II cytoskeletal 3	20.18	5.85
TNC	P24821	Tenascin	17.39	0.34
AGRN	O00468	Agrin	16.89	28.75
HSP90AA1	P07900	Heat shock protein HSP 90-alpha	16.63	30.04
KRT79	Q5XKE5	Keratin, type II cytoskeletal 79	18.9	10.08
COL14A1	Q05707	Collagen alpha-1(XIV) chain	21.78	0
MFAP4	P55083	Microfibril-associated glycoprotein 4	21.09	1.64
CPXM2	Q8N436	Inactive carboxypeptidase-like protein X2	20.27	2.28
COL6A1	P12109	Collagen alpha-1(VI) chain	18.52	130.73
KRT13	P13646	Keratin, type I cytoskeletal 13	15.88	46.76
ATP5B	P06576	ATP synthase subunit beta, mitochondrial	15.58	10.06
C1S	P09871	Complement C1s subcomponent	18.62	0.34
TUBA8	Q9NY65	Tubulin alpha-8 chain	15.66	37.63

PRKDC	P78527	DNA-dependent protein kinase catalytic subunit	17.88	0.33
HSPA1B	P08107	Heat shock 70 kDa protein 1A/1B	16.23	68.44
HMCN1	Q96RW7	Hemicentin-1	17.79	10.12
COL3A1	P02461	Collagen alpha-1(III) chain	17.3	0
CLU	P10909	Clusterin	16.84	19.78
GPC4	O75487	Glypican-4	14.68	12.38
CNTN1	Q12860	Contactin-1	15.76	1
IGFBP2	P18065	Insulin-like growth factor-binding protein 2	16.77	0
ENO2	P09104	Gamma-enolase	13.58	61.47
EHD1	Q9H4M9	EH domain-containing protein 1	12.94	56.24
LDHB	P07195	L-lactate dehydrogenase B chain	13.69	76.14
EEF2	P13639	Elongation factor 2	13.32	24.34
P4HB	P07237	Protein disulfide-isomerase	13.74	3.79
POTEE	Q6S8J3	POTE ankyrin domain family member E	13.18	91.44
GNA11	P29992	Guanine nucleotide-binding protein subunit alpha-11	12.22	46.58
QSOX1	O00391	Sulfhydryl oxidase 1	15.64	20.46
ATP1A3	P13637	Sodium/potassium-transporting ATPase subunit alpha-3	13.29	34.33
CFH	P08603	Complement factor H	16.11	2.03
ANGPTL7	O43827	Angiopoietin-related protein 7	17.54	0
RAP1B	P61224	Ras-related protein Rap-1b	13.38	11.88
KRT7	P08729	Keratin, type II cytoskeletal 7	14.76	2.78
LDHA	P00338	L-lactate dehydrogenase A chain	12.52	18.55
NUCB1	Q02818	Nucleobindin-1	15.84	3.41
YWHAE	P62258	14-3-3 protein epsilon	11.65	23.73
RAP1A	P62834	Ras-related protein Rap-1A	12.58	11.89
GDI2	P50395	Rab GDP dissociation inhibitor beta	11.29	57.37
CACNA2D1	P54289	Voltage-dependent calcium channel subunit alpha-2/delta-1	11.43	6.95
NID1	P14543	Nidogen-1	14.53	12.86
PLOD1	Q02809	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1	13	4.93
SERPINE2	P07093	Glia-derived nexin	13.1	0
DCD	P81605	Dermcidin	12.9	0.83
ENO3	P13929	Beta-enolase	11.75	62.47
KRT80	Q6KB66	Keratin, type II cytoskeletal 80	13.46	2.29
ANXA4	P09525	Annexin A4	11.49	46.39
ANXA11	P50995	Annexin A11	12.14	66.01
PLEC	Q15149	Plectin-1	11.91	1.31
SLC44A2	Q8IWA5	Choline transporter-like protein 2	11.44	48.92
YWHAZ	P63104	14-3-3 protein zeta/delta	11.02	24.75
PGD	P52209	6-phosphogluconate dehydrogenase, decarboxylating	11.26	17.5
HSP90B1	P14625	Endoplasmic	12.1	8.47
MCAM	P43121	Cell surface glycoprotein MUC18	10.8	0.34
CYB5R3	P00387	NADH-cytochrome b5 reductase 3	11.08	2.18
JUP	P14923	Junction plakoglobin	11.95	9.55
RRAS	P10301	Ras-related protein R-Ras	11.02	3.85
FLG2	Q5D862	Filaggrin-2	12.69	0.34
SFRP1	Q8N474	Secreted frizzled-related protein 1	13.11	2.04
CAV1	Q03135	Caveolin-1	11.35	0
MYH10	P35580	Myosin-10	11.14	9.17
GPI	P06744	Glucose-6-phosphate isomerase	11.09	36.2
HSPD1	P10809	60 kDa heat shock protein, mitochondrial	11.19	3.46
ANGPTL2	Q9UKU9	Angiopoietin-related protein 2	13.21	10.52
OLFML3	Q9NRN5	Olfactomedin-like protein 3	14.19	0
PLTP	P55058	Phospholipid transfer protein	13.68	0
IGFBP7	Q16270	Insulin-like growth factor-binding protein 7	13.08	1.5
RTN4	Q9NQC3	Reticulon-4	10.67	4.69
MGP	P08493	Matrix Gla protein	14.14	0

FLOT1	O75955	Flotillin-1	11.15	14.86
HSP90AB1	P08238	Heat shock protein HSP 90-beta	11.05	16.9
LOXL2	Q9Y4K0	Lysyl oxidase homolog 2	11.89	0
SOD2	P04179	Superoxide dismutase [Mn], mitochondrial	10.27	0
GNAQ	P50148	Guanine nucleotide-binding protein G(q) subunit alpha	9.63	42.98
TXNRD1	Q16881	Thioredoxin reductase 1, cytoplasmic	9.68	6.75
CSPG4	Q6UVK1	Chondroitin sulfate proteoglycan 4	9.96	5.46
GNB1	P62873	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1	10.05	74.02
ITGA3	P26006	Integrin alpha-3	9.72	2.34
HLA-A	P30453	HLA class I histocompatibility antigen, A-34 alpha chain	10.28	4.03
ITGA2	P17301	Integrin alpha-2	10.75	0.67
NRP1	O14786	Neuropilin-1	10.19	0.33
DSG1	Q02413	Desmoglein-1	11.71	0.83
CANX	P27824	Calnexin	10.29	3.44
C4orf31	Q8TB73	Fibronectin type-III domain-containing protein C4orf31	12.87	0
AHNAK	Q09666	Neuroblast differentiation-associated protein AHNAK	10.3	8.45
PGAM1	P18669	Phosphoglycerate mutase 1	9.6	13.72
ESYT1	Q9BSJ8	Extended synaptotagmin-1	9.61	1.15
TUBB6	Q9BUF5	Tubulin beta-6 chain	9.84	11.05
ATP2B1	P20020	Plasma membrane calcium-transporting ATPase 1	9.42	0
COL1A1	P02452	Collagen alpha-1(I) chain	12.43	0
PSAP	P07602	Proactivator polypeptide	11.82	0
ACTN2	P35609	Alpha-actinin-2	9.29	7.43
SVEP1	Q4LDE5	Sushi, von Willebrand factor type A, EGF and pentraxin domain-containing protein 1	12.25	1.33
HLA-A	P10314	HLA class I histocompatibility antigen, A-32 alpha chain	9.52	4.03
ACTBL2	Q562R1	Beta-actin-like protein 2	9.76	42.24
HLA-A	P16189	HLA class I histocompatibility antigen, A-31 alpha chain	9.52	4.03
CD9	P21926	CD9 antigen	10.08	35.93
PENK	P01210	Proenkephalin-A	12.39	0
RDX	P35241	Radixin	9.12	136.17
TKT	P29401	Transketolase	8.98	8.16
PDIA3	P30101	Protein disulfide-isomerase A3	8.84	2.46
TUBB8	Q3ZCM7	Tubulin beta-8 chain	9.12	10.25
RAB7A	P51149	Ras-related protein Rab-7a	9.54	6.61
CD44	P16070	CD44 antigen	9.96	0.68
HSPA2	P54652	Heat shock-related 70 kDa protein 2	9.04	40.12
PYGB	P11216	Glycogen phosphorylase, brain form	8.35	11.1
GNAI3	P08754	Guanine nucleotide-binding protein G(k) subunit alpha	8.25	89.69
SERPINF1	P36955	Pigment epithelium-derived factor	11.77	18.33
TPI1	P60174	Triosephosphate isomerase	8.67	23.53
HLA-A	P30512	HLA class I histocompatibility antigen, A-29 alpha chain	8.81	5.18
YWHAG	P61981	14-3-3 protein gamma	8.21	10.68
HLA-A	P16188	HLA class I histocompatibility antigen, A-30 alpha chain	8.99	4.17
GANAB	Q14697	Neutral alpha-glucosidase AB	8.32	18.7
GNAS	Q5JWF2	Guanine nucleotide-binding protein G(s) subunit alpha isoforms XLas	8.04	39.83
HLA-A	P30456	HLA class I histocompatibility antigen, A-43 alpha chain	8.41	4.85
LAMB2	P55268	Laminin subunit beta-2	8.82	0.67
HLA-A	P04439	HLA class I histocompatibility antigen, A-3 alpha chain	8.59	5.18
PAM	P19021	Peptidyl-glycine alpha-amidating monooxygenase	10.63	2.32
HLA-A	P10316	HLA class I histocompatibility antigen, A-69 alpha chain	8.69	4.36
TFRC	P02786	Transferrin receptor protein 1	8.59	0
EFEMP2	O95967	EGF-containing fibulin-like extracellular matrix protein 2	9.94	1.68

KRT78	Q8N1N4	Keratin, type II cytoskeletal 78	9.42	1.81
LAMP1	P11279	Lysosome-associated membrane glycoprotein 1	8.41	7.78
EZR	P15311	Ezrin	8.05	238.23
FASN	P49327	Fatty acid synthase	7.69	30.16
WDR1	O75083	WD repeat-containing protein 1	7.54	19.01
NAMPT	P43490	Nicotinamide phosphoribosyltransferase	7.78	1.82
ABCC1	P33527	Multidrug resistance-associated protein 1	7.4	0
KRT81	Q14533	Keratin, type II cuticular Hb1	8.75	0
PCYOX1	Q9UHG3	Prenylcysteine oxidase 1	8.01	1.64
AOC3	Q16853	Membrane primary amine oxidase	8.14	1.02
GSTM3	P21266	Glutathione S-transferase Mu 3	7.54	25.56
PLSCR3	Q9NRY6	Phospholipid scramblase 3	8.79	2.33
GNAS	P63092	Guanine nucleotide-binding protein G(s) subunit alpha isoforms short	7.23	40.17
GNB2	P62879	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2	7.23	72.85
EFEMP1	Q12805	EGF-containing fibulin-like extracellular matrix protein 1	8.8	17.35
ARHGAP1	Q07960	Rho GTPase-activating protein 1	7.28	8.92
VAT1	Q99536	Synaptic vesicle membrane protein VAT-1 homolog	8.02	5.39
CFL1	P23528	Cofilin-1	7.14	10.12
HLA-C	P30508	HLA class I histocompatibility antigen, Cw-12 alpha chain	7.88	4.81
BASP1	P80723	Brain acid soluble protein 1	7.32	5.88
CTSB	P07858	Cathepsin B	7.74	0.67
POTEF	A5A3E0	POTE ankyrin domain family member F	7.33	27.49
PFN1	P07737	Profilin-1	7.7	1.8
TAGLN	Q01995	Transgelin	8.21	0
GC	P02774	Vitamin D-binding protein	7.88	4.04
ITIH2	P19823	Inter-alpha-trypsin inhibitor heavy chain H2	8.3	0.83
PRELP	P51888	Prolargin	9.09	0
CD63	P08962	CD63 antigen	7.56	5.19
GNAI1	P63096	Guanine nucleotide-binding protein G(i) subunit alpha-1	6.64	98.06
SPTAN1	Q13813	Spectrin alpha chain, brain	6.92	4.99
HADHA	P40939	Trifunctional enzyme subunit alpha, mitochondrial	7.21	4.57
GDI1	P31150	Rab GDP dissociation inhibitor alpha	6.69	34.48
FLOT2	Q14254	Flotillin-2	7.3	14.13
CTNNA1	P35221	Catenin alpha-1	6.73	2.16
ATP2A2	P16615	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2	6.88	0.33
MAP1B	P46821	Microtubule-associated protein 1B	7.25	0
ATL3	Q6DD88	Atlastin-3	6.88	0
CAP1	Q01518	Adenylyl cyclase-associated protein 1	6.83	5.47
PTRF	Q6NZI2	Polymerase I and transcript release factor	7.94	0
HIST2H4A	P62805	Histone H4	8.64	2.78
TUBB1	Q9H4B7	Tubulin beta-1 chain	7.11	7.21
CROCC	Q5TZA2	Rootletin	7.26	1
MAN2A1	Q16706	Alpha-mannosidase 2	8.88	23.08
CAPN2	P17655	Calpain-2 catalytic subunit	6.24	19.63
YWHAB	P31946	14-3-3 protein beta/alpha	6.29	18.79
BGN	P21810	Biglycan	8.56	13.37
PTGFRN	Q9P2B2	Prostaglandin F2 receptor negative regulator	6.8	1.02
ABI3BP	Q7Z7G0	Target of Nesh-SH3	9.07	0.67
ITGA7	Q13683	Integrin alpha-7	6.24	0
KRT31	Q15323	Keratin, type I cuticular Ha1	7.22	0.82
ALCAM	Q13740	CD166 antigen	7.17	0
TIMP2	P16035	Metalloproteinase inhibitor 2	8.46	0
PIIB	P23284	Peptidyl-prolyl cis-trans isomerase B	7.13	2.83
CA12	O43570	Carbonic anhydrase 12	6.66	7.94

HLA-A	P05534	HLA class I histocompatibility antigen, A-24 alpha chain	7.17	4.84
HLA-B	P30493	HLA class I histocompatibility antigen, B-55 alpha chain	6.8	3.68
ATP6V0A1	Q93050	V-type proton ATPase 116 kDa subunit a isoform 1	5.98	12.5
PLXNB2	O15031	Plexin-B2	6.26	5.71
SLC3A2	P08195	4F2 cell-surface antigen heavy chain	6.21	17.24
YWHAQ	P27348	14-3-3 protein theta	5.98	12.14
PSMD2	Q13200	26S proteasome non-ATPase regulatory subunit 2	6.35	4.86
FAM129A	Q9BZQ8	Protein Niban	6.02	2.68
RPN1	P04843	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1	6.35	2.01
HSPA6	P17066	Heat shock 70 kDa protein 6	7.04	18.81
HLA-C	Q29963	HLA class I histocompatibility antigen, Cw-6 alpha chain	6.58	2.83
FAP	Q12884	Seprase	6.21	0
NCAM1	P13591	Neural cell adhesion molecule 1	6.63	0
MDH2	P40926	Malate dehydrogenase, mitochondrial	6.26	2
ICAM1	P05362	Intercellular adhesion molecule 1	5.98	0
HLA-C	P30504	HLA class I histocompatibility antigen, Cw-4 alpha chain	6.39	3.15
FTH1	P02794	Ferritin heavy chain	6.63	2.16
CXCL6	P80162	C-X-C motif chemokine 6	5.88	0
UBA1	P22314	Ubiquitin-like modifier-activating enzyme 1	6	24.5
SERPING1	P05155	Plasma protease C1 inhibitor	7.52	95.03
CYFIP1	Q7L576	Cytoplasmic FMR1-interacting protein 1	5.62	16.37
FLNB	O75369	Filamin-B	6.09	9.36
ANXA7	P20073	Annexin A7	6.32	24.17
GLUD1	P00367	Glutamate dehydrogenase 1, mitochondrial	6.19	2.41
HSPA1L	P34931	Heat shock 70 kDa protein 1-like	6.09	33.08
ATP5A1	P25705	ATP synthase subunit alpha, mitochondrial	6	4.32
ARF3	P61204	ADP-ribosylation factor 3	6.51	12.25
AP2B1	P63010	AP-2 complex subunit beta	5.81	7.35
KPNB1	Q14974	Importin subunit beta-1	5.86	3.63
CALR	P27797	Calreticulin	5.95	0.49
HLA-C	P10321	HLA class I histocompatibility antigen, Cw-7 alpha chain	6.18	2.34
HLA-B	P30460	HLA class I histocompatibility antigen, B-8 alpha chain	5.67	2.34
HLA-C	Q95604	HLA class I histocompatibility antigen, Cw-17 alpha chain	6.18	3.51
HLA-B	P30491	HLA class I histocompatibility antigen, B-53 alpha chain	6.04	4.17
HEXA	P06865	Beta-hexosaminidase subunit alpha	6.78	1.68
SLC2A1	P11166	Solute carrier family 2, facilitated glucose transporter member 1	5.81	0
TINAGL1	Q9GZM7	Tubulointerstitial nephritis antigen-like	6.5	1.65
ATP4A	P20648	Potassium-transporting ATPase alpha chain 1	5.9	4.74
ATP2B3	Q16720	Plasma membrane calcium-transporting ATPase 3	5.71	0.33
AHSG	P02765	Alpha-2-HS-glycoprotein	7.15	0.67
ANPEP	P15144	Aminopeptidase N	5.92	610.61
ATP6V1A	P38606	V-type proton ATPase catalytic subunit A	5.68	162.98
NAGLU	P54802	Alpha-N-acetylglucosaminidase	5.96	47.58
NPEPPS	P55786	Puromycin-sensitive aminopeptidase	5.13	14.46
CNP	P09543	2',3'-cyclic-nucleotide 3'-phosphodiesterase	5.36	45
F2	P00734	Prothrombin	6.01	4.31
CAND1	Q86VP6	Cullin-associated NEDD8-dissociated protein 1	5.27	8.09
ACLY	P53396	ATP-citrate synthase	5.36	6.19
HSPA9	P38646	Stress-70 protein, mitochondrial	5.73	2.29
ITGAV	P06756	Integrin alpha-V	5.22	2.52
ITM2B	Q9Y287	Integral membrane protein 2B	5.59	19.35
PARP4	Q9UKK3	Poly [ADP-ribose] polymerase 4	5.68	0
CTNNB1	P35222	Catenin beta-1	5.08	1.51

HLA-B	P01889	HLA class I histocompatibility antigen, B-7 alpha chain	5.26	2.34
RAB1B	Q9H0U4	Ras-related protein Rab-1B	5.45	4.29
HLA-B	P18463	HLA class I histocompatibility antigen, B-37 alpha chain	5.5	2.19
HLA-B	P30492	HLA class I histocompatibility antigen, B-54 alpha chain	5.68	4.03
CST3	P01034	Cystatin-C	6.7	1.51
ATP6V1B2	P21281	V-type proton ATPase subunit B, brain isoform	5	62.19
AKR1B1	P15121	Aldose reductase	4.68	19.09
TPP1	O14773	Tripeptidyl-peptidase 1	6.3	63.01
RHOA	P61586	Transforming protein RhoA	5	16.44
SCARB2	Q14108	Lysosome membrane protein 2	5.61	11.52
PPIA	P62937	Peptidyl-prolyl cis-trans isomerase A	5.19	7.43
PRDX1	Q06830	Peroxiredoxin-1	5.19	4.67
HLA-C	Q29865	HLA class I histocompatibility antigen, Cw-18 alpha chain	5.09	2
RFTN1	Q14699	Raftlin	4.86	2.19
SQRDL	Q9Y6N5	Sulfide:quinone oxidoreductase, mitochondrial	5.24	0
DNAJC3	Q13217	DnaJ homolog subfamily C member 3	6.85	0.49
KRT19	P08727	Keratin, type I cytoskeletal 19	6.34	7.22
KRT33B	Q14525	Keratin, type I cuticular Ha3-II	5.52	0.33
HLA-H	P01893	Putative HLA class I histocompatibility antigen, alpha chain H	5.46	2.33
NRP2	O60462	Neuropilin-2	4.86	0
NME1-NME2	P22392	Nucleoside diphosphate kinase B	5.19	3.99
ALDOC	P09972	Fructose-bisphosphate aldolase C	5.14	5.49
LGALS1	P09382	Galectin-1	5.51	0.98
APOB	P04114	Apolipoprotein B-100	5.74	0
TIMP1	P01033	Metalloproteinase inhibitor 1	6.21	0
B2M	P61769	Beta-2-microglobulin	5.79	0.34
EHD3	Q9NZN3	EH domain-containing protein 3	4.6	28.06
FAM129B	Q96TA1	Niban-like protein 1	4.46	15.79
SERPINA3	P01011	Alpha-1-antichymotrypsin	6.31	38.14
GLB1	P16278	Beta-galactosidase	5.11	37.74
AKR1C1	Q04828	Aldo-keto reductase family 1 member C1	4.37	9.78
DPP7	Q9UHL4	Dipeptidyl peptidase 2	5.66	14.51
RAB14	P61106	Ras-related protein Rab-14	4.93	8.2
GNA14	O95837	Guanine nucleotide-binding protein subunit alpha-14	4.55	21.9
VTN	P04004	Vitronectin	5.2	14.06
LMNA	P02545	Lamin-A/C	5.39	0.49
FLG	P20930	Filaggrin	4.46	0.34
PFKP	Q01813	6-phosphofructokinase type C	4.46	0.34
GARS	P41250	Glycyl-tRNA synthetase	4.55	5.27
ARF4	P18085	ADP-ribosylation factor 4	5.16	5.79
KRT85	P78386	Keratin, type II cuticular Hb5	5.39	0
HLA-B	Q31612	HLA class I histocompatibility antigen, B-73 alpha chain	4.92	1.66
OGN	P20774	Mimecan	6.36	0
ATP1B3	P54709	Sodium/potassium-transporting ATPase subunit beta-3	4.55	0.68
CD82	P27701	CD82 antigen	4.6	2.37
NPC1	O15118	Niemann-Pick C1 protein	5.11	0.69
NME1	P15531	Nucleoside diphosphate kinase A	4.74	0.69
LAMP2	P13473	Lysosome-associated membrane glycoprotein 2	4.93	6.06
KIAA1109	Q2LD37	Uncharacterized protein KIAA1109	5.25	1
AFP	P02771	Alpha-fetoprotein	5.8	0
GNA13	Q14344	Guanine nucleotide-binding protein subunit alpha-13	4.2	26.06
KIF5B	P33176	Kinesin-1 heavy chain	4.15	11.32
CPNE3	O75131	Copine-3	4.38	22.44
SERPINC1	P01008	Antithrombin-III	4.94	7.15

PPP1CB	P62140	Serine/threonine-protein phosphatase PP1-beta catalytic subunit	4.34	7.8
FERMT2	Q96AC1	Fermitin family homolog 2	4.29	1.83
STXBP3	O00186	Syntaxin-binding protein 3	4.01	0.34
HLA-B	Q04826	HLA class I histocompatibility antigen, B-40 alpha chain	4.38	3.02
FTL	P02792	Ferritin light chain	4.57	6.36
HLA-C	P30501	HLA class I histocompatibility antigen, Cw-2 alpha chain	4.57	2.64
KRT73	Q86Y46	Keratin, type II cytoskeletal 73	4.61	8.82
ENDOD1	O94919	Endonuclease domain-containing 1 protein	4.34	0
HLA-B	P30479	HLA class I histocompatibility antigen, B-41 alpha chain	4.24	2.68
KRT77	Q7Z794	Keratin, type II cytoskeletal 1b	4.52	0
G6PD	P11413	Glucose-6-phosphate 1-dehydrogenase	4.25	2.16
FBN1	P35555	Fibrillin-1	5.4	0
SRPX	P78539	Sushi repeat-containing protein SRPX	5.22	0
RPN2	P04844	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2	4.34	0.49
DDR2	Q16832	Discoidin domain-containing receptor 2	4.15	0.49
HSD17B4	P51659	Peroxisomal multifunctional enzyme type 2	4.34	0.82
AHCYL1	O43865	Putative adenosylhomocysteinase 2	5.08	2.84
HIST1H2BK	O60814	Histone H2B type 1-K	5.36	0.67
ACTR1A	P61163	Alpha-centractin	4.24	1.64
DST	Q03001	Bullous pemphigoid antigen 1	4.34	0.67
CXCL2	P19875	C-X-C motif chemokine 2	5.21	0
EHD4	Q9H223	EH domain-containing protein 4	3.89	31.98
ATP12A	P54707	Potassium-transporting ATPase alpha chain 2	4.03	18.96
SERPINF2	P08697	Alpha-2-antiplasmin	4.4	9.57
AKR1C2	P52895	Aldo-keto reductase family 1 member C2	3.7	6.74
CFB	P00751	Complement factor B	3.93	5.8
RAB5C	P51148	Ras-related protein Rab-5C	3.93	12.79
PRCP	P42785	Lysosomal Pro-X carboxypeptidase	4.3	17.47
TGM3	Q08188	Protein-glutamine gamma-glutamyltransferase E	4.21	1.31
CKAP4	Q07065	Cytoskeleton-associated protein 4	3.98	0
ATP6AP2	O75787	Renin receptor	5.14	12.33
CCT4	P50991	T-complex protein 1 subunit delta	3.84	4.29
SERPINH1	P50454	Serpin H1	4.26	2.8
TCP1	P17987	T-complex protein 1 subunit alpha	3.84	0.69
HYOU1	Q9Y4L1	Hypoxia up-regulated protein 1	4.21	1.16
ITGA4	P13612	Integrin alpha-4	3.65	0
HLA-B	P03989	HLA class I histocompatibility antigen, B-27 alpha chain	4.03	2.53
BSG	P35613	Basigin	3.7	1.15
SLC12A4	Q9UP95	Solute carrier family 12 member 4	3.8	0.33
RAB1A	P62820	Ras-related protein Rab-1A	3.84	3.28
EPB41L2	O43491	Band 4.1-like protein 2	3.61	1.31
RAC1	P63000	Ras-related C3 botulinum toxin substrate 1	3.98	4.86
LOXL1	Q08397	Lysyl oxidase homolog 1	5.41	0
RAB10	P61026	Ras-related protein Rab-10	4.07	11.99
CTSA	P10619	Lysosomal protective protein	4.95	2.64
PDCD6	O75340	Programmed cell death protein 6	4.03	6.14
AHCYL2	Q96HN2	Putative adenosylhomocysteinase 3	4.72	3.18
ANGPTL1	O95841	Angiopoietin-related protein 1	4.3	7.52
MYH14	Q7Z406	Myosin-14	4.4	1.83
THBS3	P49746	Thrombospondin-3	4.4	0
PPAP2B	O14495	Lipid phosphate phosphohydrolase 3	4.03	0
C1orf58	Q5VW32	BRO1 domain-containing protein BROX	3.67	125.06
GAA	P10253	Lysosomal alpha-glucosidase	3.72	27.98
CBR1	P16152	Carbonyl reductase [NADPH] 1	3.35	21.82



CCT2	P78371	T-complex protein 1 subunit beta	3.39	3.64
CLIC4	Q9Y696	Chloride intracellular channel protein 4	3.58	7.91
AP1B1	Q10567	AP-1 complex subunit beta-1	3.48	5.47
DNAJC13	O75165	DnaJ homolog subfamily C member 13	3.39	0.98
COPA	P53621	Coatomer subunit alpha	3.53	1.5
CPE	P16870	Carboxypeptidase E	4.32	3.21
ARHGDIA	P52565	Rho GDP-dissociation inhibitor 1	3.35	3.46
DSTN	P60981	Destrin	3.53	2.18
VDAC2	P45880	Voltage-dependent anion-selective channel protein 2	3.58	1.5
PROS1	P07225	Vitamin K-dependent protein S	4.69	0.33
HBA2	P69905	Hemoglobin subunit alpha	4.13	2.83
EPHX1	P07099	Epoxide hydrolase 1	3.58	0.34
SLC1A5	Q15758	Neutral amino acid transporter B(0)	3.58	2.81
KRT74	Q7RTS7	Keratin, type II cytoskeletal 74	3.85	3.64
KIAA1199	Q8WUJ3	Protein KIAA1199	4.23	0
GNB4	Q9HAV0	Guanine nucleotide-binding protein subunit beta-4	3.58	14.76
TLN2	Q9Y4G6	Talin-2	3.76	0
DSC1	Q08554	Desmocollin-1	3.76	0
HSP90AA5P	Q58FG0	Putative heat shock protein HSP 90-alpha A5	3.49	4.49
FSCN1	Q16658	Fascin	3.53	0.33
SLC25A5	P05141	ADP/ATP translocase 2	3.63	0.49
MAN2B1	O00754	Lysosomal alpha-mannosidase	4.46	0.49
C1QTNF3	Q9BXJ4	Complement C1q tumor necrosis factor-related protein 3	3.58	0
DES	P17661	Desmin	4.23	0.34
ALDH1A1	P00352	Retinal dehydrogenase 1	2.85	30.4
RNH1	P13489	Ribonuclease inhibitor	2.94	8.94
MXRA8	Q9BRK3	Matrix-remodeling-associated protein 8	3.04	23.27
MDH1	P40925	Malate dehydrogenase, cytoplasmic	3.17	19.32
UGDH	O60701	UDP-glucose 6-dehydrogenase	3.04	5.64
CCT6A	P40227	T-complex protein 1 subunit zeta	2.94	8.07
ACTR3	P61158	Actin-related protein 3	3.22	8.85
PPP1CA	P62136	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit	3.22	6.81
GPC1	P35052	Glypican-1	3.31	4.77
ATP6V0D1	P61421	V-type proton ATPase subunit d 1	3.08	5.65
NSF	P46459	Vesicle-fusing ATPase	3.08	2.66
RALA	P11233	Ras-related protein Ral-A	2.94	11.5
GSTP1	P09211	Glutathione S-transferase P	3.13	3.45
EIF4A1	P60842	Eukaryotic initiation factor 4A-I	3.22	3.84
POSTN	Q15063	Periostin	4.05	0
RAB5B	P61020	Ras-related protein Rab-5B	3.17	6.81
SLC25A3	Q00325	Phosphate carrier protein, mitochondrial	3.32	1.03
HLA-B	P30483	HLA class I histocompatibility antigen, B-45 alpha chain	3.31	3.02
STAT1	P42224	Signal transducer and activator of transcription 1-alpha/beta	2.94	0.82
LEFTY2	O00292	Left-right determination factor 2	4.33	0
TSPAN6	O43657	Tetraspanin-6	3.17	2.65
VDAC1	P21796	Voltage-dependent anion-selective channel protein 1	3.13	0.82
THY1	P04216	Thy-1 membrane glycoprotein	3.27	10.93
MRGPRF	Q96AM1	Mas-related G-protein coupled receptor member F	3.04	0
KRT72	Q14CN4	Keratin, type II cytoskeletal 72	3.45	1.99
RPLP0	P05388	60S acidic ribosomal protein P0	3.45	0.33
LOXL3	P58215	Lysyl oxidase homolog 3	3.73	0
SLC25A4	P12235	ADP/ATP translocase 1	3.22	0
CRYAB	P02511	Alpha-crystallin B chain	3.22	0
FGD4	Q96M96	FYVE, RhoGEF and PH domain-containing protein 4	3.08	1.01

ACO1	P21399	Cytoplasmic aconitate hydratase	2.73	33.29
PGM1	P36871	Phosphoglucomutase-1	2.54	11.13
LTA4H	P09960	Leukotriene A-4 hydrolase	2.82	9.85
PFKL	P17858	6-phosphofructokinase, liver type	2.54	8.75
MTHFD1	P11586	C-1-tetrahydrofolate synthase, cytoplasmic	2.68	16.08
CYFIP2	Q96F07	Cytoplasmic FMR1-interacting protein 2	2.63	10.72
SERPINA7	P05543	Thyroxine-binding globulin	3.23	12.53
RRAS2	P62070	Ras-related protein R-Ras2	2.54	7.67
ASAH1	Q13510	Acid ceramidase	3	7.66
GSR	P00390	Glutathione reductase, mitochondrial	2.68	5.54
UGP2	Q16851	UTP--glucose-1-phosphate uridylyltransferase	2.59	6.26
ADH5	P11766	Alcohol dehydrogenase class-3	2.73	4.03
CCT5	P48643	T-complex protein 1 subunit epsilon	2.63	5.79
GLUD2	P49448	Glutamate dehydrogenase 2, mitochondrial	2.87	1.03
LRPPRC	P42704	Leucine-rich PPR motif-containing protein, mitochondrial	2.82	0
SEPT7	Q16181	Septin-7	2.77	1.8
UBR4	Q5T4S7	E3 ubiquitin-protein ligase UBR4	2.73	0.82
ITIH1	P19827	Inter-alpha-trypsin inhibitor heavy chain H1	3	1.31
TTN	Q8WZ42	Titin	2.82	2.2
PDIA6	Q15084	Protein disulfide-isomerase A6	2.91	1.8
HK1	P19367	Hexokinase-1	2.82	0.49
RAP2B	P61225	Ras-related protein Rap-2b	2.68	2.47
NQO1	P15559	NAD(P)H dehydrogenase [quinone] 1	2.63	2.29
ESYT2	A0FGR8	Extended synaptotagmin-2	2.77	0.34
KRT34	O76011	Keratin, type I cuticular Ha4	2.82	0.33
DPYSL3	Q14195	Dihydropyrimidinase-related protein 3	2.77	0
SND1	Q7KZF4	Staphylococcal nuclease domain-containing protein 1	2.73	0.49
PPP1R7	Q15435	Protein phosphatase 1 regulatory subunit 7	2.87	3.14
FBLN5	Q9UBX5	Fibulin-5	3.6	1.98
CPNE1	Q99829	Copine-1	3	4.82
UGGT1	Q9NYU2	UDP-glucose:glycoprotein glucosyltransferase 1	2.73	1.49
EXOC4	Q96A65	Exocyst complex component 4	2.54	1
RPS3A	P61247	40S ribosomal protein S3a	2.68	1.16
PLCB4	Q15147	1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase beta-4	2.82	0.83
ETFA	P13804	Electron transfer flavoprotein subunit alpha, mitochondrial	2.82	0
PRDX4	Q13162	Peroxiredoxin-4	2.77	0.49
GNG12	Q9UBI6	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-12	3	2.34
DNAH10	Q8IVF4	Dynein heavy chain 10, axonemal	3.33	0.68
CFL2	Q9Y281	Cofilin-2	2.72	5.33
MYLK	Q15746	Myosin light chain kinase, smooth muscle	2.68	0
ARG1	P05089	Arginase-1	3.1	0
TMEM43	Q9BTV4	Transmembrane protein 43	2.91	2.95
COL16A1	Q07092	Collagen alpha-1(XVI) chain	2.96	0
XPO1	O14980	Exportin-1	2.77	0.67
PTTG1IP	P53801	Pituitary tumor-transforming gene 1 protein-interacting protein	2.87	0.68
SURF4	O15260	Surfeit locus protein 4	2.68	0
RAB13	P51153	Ras-related protein Rab-13	2.68	0.82
SFN	P31947	14-3-3 protein sigma	2.59	3.87
MAGI1	Q96QZ7	Membrane-associated guanylate kinase, WW and PDZ domain-containing protein 1	3	1.65
PDGFD	Q9GZP0	Platelet-derived growth factor D	3.28	1.46
ARL6IP5	O75915	PRA1 family protein 3	2.96	0
CD151	P48509	CD151 antigen	2.82	0

AMY2A	P04746	Pancreatic alpha-amylase	3.06	62.36
AMY2B	P19961	Alpha-amylase 2B	3.06	54.55
NCKAP1	Q9Y2A7	Nck-associated protein 1	2.18	16.93
ATP6V1H	Q9UI12	V-type proton ATPase subunit H	2.46	32.01
PLS3	P13797	Plastin-3	2.28	16.57
PTPRS	Q13332	Receptor-type tyrosine-protein phosphatase S	2.37	13.82
AP2A2	O94973	AP-2 complex subunit alpha-2	2.23	6.51
DNAJA1	P31689	DnaJ homolog subfamily A member 1	2.23	7.19
CAT	P04040	Catalase	2.55	7.99
AKR1C3	P42330	Aldo-keto reductase family 1 member C3	2.28	9.85
ATIC	P31939	Bifunctional purine biosynthesis protein PURH	2.32	5.8
RHOC	P08134	Rho-related GTP-binding protein RhoC	2.23	11.58
HSPB1	P04792	Heat shock protein beta-1	2.18	9.03
UQCRC2	P22695	Cytochrome b-c1 complex subunit 2, mitochondrial	2.42	3.69
POTEI	P0CG38	POTE ankyrin domain family member I	2.28	21.36
RAB21	Q9UL25	Ras-related protein Rab-21	2.28	3.33
PRDX6	P30041	Peroxiredoxin-6	2.23	9.69
ARPC2	O15144	Actin-related protein 2/3 complex subunit 2	2.23	3.48
GCN1L1	Q92616	Translational activator GCN1	2.37	4.65
RAB11B	Q15907	Ras-related protein Rab-11B	2.42	5.77
S100A9	P06702	Protein S100-A9	2.6	17.46
PDIA4	P13667	Protein disulfide-isomerase A4	2.37	0.68
SPTBN1	Q01082	Spectrin beta chain, brain 1	2.65	2.18
PGAM4	Q8N0Y7	Probable phosphoglycerate mutase 4	2.46	4.99
VDAC3	Q9Y277	Voltage-dependent anion-selective channel protein 3	2.37	1.18
OGDH	Q02218	2-oxoglutarate dehydrogenase, mitochondrial	2.42	1.37
CDC42	P60953	Cell division control protein 42 homolog	2.42	25
TMED10	P49755	Transmembrane emp24 domain-containing protein 10	2.56	0.33
WARS	P23381	Tryptophanyl-tRNA synthetase, cytoplasmic	2.18	0.33
ERLIN2	O94905	Erlin-2	2.37	0
COPG	Q9Y678	Coatomer subunit gamma	2.23	1.15
ALDH2	P05091	Aldehyde dehydrogenase, mitochondrial	2.42	0.34
AP2A1	O95782	AP-2 complex subunit alpha-1	2.23	0.98
RAB5A	P20339	Ras-related protein Rab-5A	2.51	3.48
SOD3	P08294	Extracellular superoxide dismutase [Cu-Zn]	2.92	1.64
HSP90AB2P	Q58FF8	Putative heat shock protein HSP 90-beta 2	2.42	5.29
RAB23	Q9ULC3	Ras-related protein Rab-23	2.23	0.33
RPL7	P18124	60S ribosomal protein L7	2.56	0.82
SPARC	P09486	SPARC	3.06	0
TUFM	P49411	Elongation factor Tu, mitochondrial	2.32	0
CPA4	Q9UI42	Carboxypeptidase A4	2.32	0
TGM2	P21980	Protein-glutamine gamma-glutamyltransferase 2	2.42	0
EEF1G	P26641	Elongation factor 1-gamma	2.42	0.49
BCAP31	P51572	B-cell receptor-associated protein 31	2.32	0
OXCT1	P55809	Succinyl-CoA:3-ketoacid-coenzyme A transferase 1, mitochondrial	2.42	0
CNTNAP1	P78357	Contactin-associated protein 1	2.6	0
CTSF	Q9UBX1	Cathepsin F	3.06	0
ITGA5	P08648	Integrin alpha-5	2.37	0
GNS	P15586	N-acetylglucosamine-6-sulfatase	2.92	0.34
PSMA5	P28066	Proteasome subunit alpha type-5	2.51	0
NCEH1	Q6PIU2	Neutral cholesterol ester hydrolase 1	2.37	0
ISLR	O14498	Immunoglobulin superfamily containing leucine-rich repeat protein	2.92	4.94
RAC2	P15153	Ras-related C3 botulinum toxin substrate 2	2.46	3.31
DDOST	P39656	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit	2.37	0

PRNP	P04156	Major prion protein	2.79	0.67
GSTO1	P78417	Glutathione S-transferase omega-1	2.42	2.81
ECM1	Q16610	Extracellular matrix protein 1	2.88	0
TMED2	Q15363	Transmembrane emp24 domain-containing protein 2	2.37	0
COL4A1	P02462	Collagen alpha-1(IV) chain	2.74	0
S100A11	P31949	Protein S100-A11	2.65	1.72
SULF2	Q8IWU5	Extracellular sulfatase Sulf-2	2.7	0
PSMB2	P49721	Proteasome subunit beta type-2	2.42	1.46
GPNMB	Q14956	Transmembrane glycoprotein NMB	2.74	0
IFT122	Q9HBG6	Intraflagellar transport protein 122 homolog	2.32	0.69
HSPB6	O14558	Heat shock protein beta-6	2.23	0
IGFBP5	P24593	Insulin-like growth factor-binding protein 5	2.74	0
GOLGB1	Q14789	Golgin subfamily B member 1	2.32	0
ERGIC1	Q969X5	Endoplasmic reticulum-Golgi intermediate compartment protein 1	2.32	0
ZBTB38	Q8NAP3	Zinc finger and BTB domain-containing protein 38	2.55	0.33