

Differential urinary proteins between AHSP and healthy children using the DIA method

Uniprot ID	Protein description	Gene name	Average of AHSP	Average of HC	Ratio of AHSP/HC or HC/AHSP	p value
Q9UHL4	Dipeptidyl peptidase 2 (EC 3.4.14.2) (Dipeptidyl aminopeptidase II) (Dipeptidyl peptidase 7) (Dipeptidyl peptidase II) (DPP II) (Quiescent cell proline dipeptidase)	DPP7	1840054.3	219456.296	8.38460465	0.017968875
Q92820	Gamma-glutamyl hydrolase (EC 3.4.19.9) (Conjugase) (GH) (Gamma-Glu-X carboxypeptidase)	GGH	5000348.3	961554.337	5.20027634	0.038417954
P08263	Glutathione S-transferase A1 (EC 2.5.1.18) (13-hydroperoxyoctadecadienoate peroxidase) (EC 1.11.1.-) (Androst-5-ene-3,17-dione isomerase) (EC 5.3.3.-) (GST HA subunit 1) (GST class-alpha member 1) (GST-epsilon) (GSTA1-1) (GTH1) [Cleaved into: Glutathione S-transferase A1, N-terminally processed]	GSTA1	1915497.3	417845.107	4.58422806	0.002896212
P25774	Cathepsin S (EC 3.4.22.27)	CTSS	336810.44	73636.2773	4.57397431	0.042743844
P17050	Alpha-N-acetylgalactosaminidase (EC 3.2.1.49) (Alpha-galactosidase B)	NAGA	880479.1	195475.444	4.5042952	0.011773702
P16278	Beta-galactosidase (EC 3.2.1.23) (Acid beta-galactosidase) (Lactase) (Elastin receptor 1)	GLB1	2996769.3	677600.813	4.42261756	0.007007901
P15289	Arylsulfatase A (ASA) (EC 3.1.6.8) (Cerebroside-sulfatase) [Cleaved into: Arylsulfatase A component B; Arylsulfatase A component C]	ARSA	1780600.5	408665.318	4.35711176	0.006019858
P07686	Beta-hexosaminidase subunit beta (EC 3.2.1.52) (Beta-N-acetylhexosaminidase subunit beta) (Hexosaminidase subunit B) (Cervical cancer proto-oncogene 7 protein) (HCC-7) (N-acetyl-beta-glucosaminidase subunit beta) [Cleaved into: Beta-hexosaminidase subunit beta chain B; Beta-hexosaminidase subunit beta chain A]	HEXB	1638032.9	378550.476	4.32711872	0.019073137

P34059	N-acetylgalactosamine-6-sulfatase (EC 3.1.6.4) (Chondroitinsulfatase) (Chondroitinase) (Galactose-6-sulfate sulfatase) (GalN6S) (N-acetylgalactosamine-6-sulfate sulfatase) (GalNAc6S sulfatase)	GALNS	568858.41	133478.107	4.2618106	0.011722204
Q9Y617	Phosphoserine aminotransferase (EC 2.6.1.52) (Phosphohydroxythreonine aminotransferase) (PSAT)	PSAT1	66848.826	15936.2485	4.19476556	0.039926249
P09668	Pro-cathepsin H [Cleaved into: Cathepsin H mini chain; Cathepsin H (EC 3.4.22.16); Cathepsin H heavy chain; Cathepsin H light chain]	CTSH	1119775.9	275221.08	4.06864134	0.00744949
P51688	N-sulphoglucosamine sulphohydrolase (EC 3.10.1.1) (Sulfolglucosamine sulfamidase) (Sulphamidase)	SGSH	1332402.4	337752.672	3.94490567	0.025277393
P48637	Glutathione synthetase (GSH synthetase) (GSH-S) (EC 6.3.2.3) (Glutathione synthase)	GSS	106823.92	27373.8323	3.90241011	0.001138375
Q13510	Acid ceramidase (AC) (ACDase) (Acid CDase) (EC 3.5.1.23) (Acylsphingosine deacylase) (N-acylethanolamine hydrolase ASAH1) (EC 3.5.1.-) (N-acylsphingosine amidohydrolase) (Putative 32 kDa heart protein) (PHP32) [Cleaved into: Acid ceramidase subunit alpha; Acid ceramidase subunit beta]	ASAH1	1283327.7	336210.75	3.8170336	0.004538436
P21695	Glycerol-3-phosphate dehydrogenase [NAD (+)], cytoplasmic (GPD-C) (GPDH-C) (EC 1.1.1.8)	GPD1	123260.77	33106.4451	3.72316537	0.003491713
P00966	Argininosuccinate synthase (EC 6.3.4.5) (Citrulline--aspartate ligase)	ASS1	314384.17	88314.4813	3.55982586	0.00275953
P53634	Dipeptidyl peptidase 1 (EC 3.4.14.1) (Cathepsin C) (Cathepsin J) (Dipeptidyl peptidase I) (DPP-I) (DPPI) (Dipeptidyl transferase) [Cleaved into: Dipeptidyl peptidase 1 exclusion domain chain (Dipeptidyl peptidase I exclusion domain chain); Dipeptidyl peptidase 1 heavy chain (Dipeptidyl peptidase I heavy chain); Dipeptidyl peptidase 1 light chain (Dipeptidyl peptidase I light chain)]	CTSC	2123793.8	600975.281	3.53391206	0.018876838

O00754	Lysosomal alpha-mannosidase (Laman) (EC 3.2.1.24) (Lysosomal acid alpha-mannosidase) (Mannosidase alpha class 2B member 1) (Mannosidase alpha-B) [Cleaved into: Lysosomal alpha-mannosidase A peptide; Lysosomal alpha-mannosidase B peptide; Lysosomal alpha-mannosidase C peptide; Lysosomal alpha-mannosidase D peptide; Lysosomal alpha-mannosidase E peptide]	MAN2B1	209190.11	60424.982	3.46198044	0.04009661
O96009	Napsin-A (EC 3.4.23.-) (Aspartyl protease 4) (ASP4) (Asp 4) (Napsin-1) (TA01/TA02)	NAPSA	2460784.6	721943.851	3.40855397	0.010460311
P01019	Angiotensinogen (Serpine A8) [Cleaved into: Angiotensin-1 (Angiotensin 1-10) (Angiotensin I) (Ang I); Angiotensin-2 (Angiotensin 1-8) (Angiotensin II) (Ang II); Angiotensin-3 (Angiotensin 2-8) (Angiotensin III) (Ang III) (Des-Asp[1]-angiotensin II); Angiotensin-4 (Angiotensin 3-8) (Angiotensin IV) (Ang IV); Angiotensin 1-9; Angiotensin 1-7; Angiotensin 1-5; Angiotensin 1-4]	AGT	1081941.2	319397.818	3.38744065	0.020662239
Q92484	Acid sphingomyelinase-like phosphodiesterase 3a (ASM-like phosphodiesterase 3a) (EC 3.1.4.-)	SMPDL3A	134220.1	40405.2943	3.3218444	0.024665229
Q9Y2S2	Lambda-crystallin homolog (EC 1.1.1.45) (L-gulonate 3-dehydrogenase) (Gul3DH)	CRYL1	206105.97	62343.7881	3.30595845	0.004873986
P10619	Lysosomal protective protein (EC 3.4.16.5) (Carboxypeptidase C) (Carboxypeptidase L) (Cathepsin A) (Protective protein cathepsin A) (PPCA) (Protective protein for beta-galactosidase) [Cleaved into: Lysosomal protective protein 32 kDa chain; Lysosomal protective protein 20 kDa chain]	CTSA	1704178.8	522767.554	3.25991684	0.005473858
P02511	Alpha-crystallin B chain (Alpha (B)-crystallin) (Heat shock protein beta-5) (HspB5) (Renal carcinoma antigen NY-REN-27) (Rosenthal fiber component)	CRYAB	100379.49	30803.1568	3.25874033	0.009526918

Q9BTY2	Plasma alpha-L-fucosidase (EC 3.2.1.51) (Alpha-L-fucoside fucohydrolase 2) (Alpha-L-fucosidase 2)	FUCA2	217356.97	67498.1803	3.22019008	0.02124658
P50053	Ketohexokinase (EC 2.7.1.3) (Hepatic fructokinase)	KHK	124319.61	39477.6113	3.14911686	0.002248675
P14550	Aldo-keto reductase family 1 member A1 (EC 1.1.1.2) (EC 1.1.1.372) (EC 1.1.1.54) (Alcohol dehydrogenase [NADP (+)]) (Aldehyde reductase) (Glucuronate reductase) (EC 1.1.1.19) (Glucuronolactone reductase) (EC 1.1.1.20)	AKR1A1	168371.92	54049.7317	3.11512966	0.010676753
P16083	Ribosyldihydronicotinamide dehydrogenase [quinone] (EC 1.10.5.1) (NRH dehydrogenase [quinone] 2) (NRH:quinone oxidoreductase 2) (Quinone reductase 2) (QR2)	NQO2	188595.22	61030.0627	3.09020197	0.043354353
P06865	Beta-hexosaminidase subunit alpha (EC 3.2.1.52) (Beta-N-acetylhexosaminidase subunit alpha) (Hexosaminidase subunit A) (N-acetyl-beta-glucosaminidase subunit alpha)	HEXA	1988775.9	643938.759	3.08845511	0.01496291
Q96C23	Aldose 1-epimerase (EC 5.1.3.3) (Galactose mutarotase)	GALM	185748.69	60802.4379	3.05495458	0.016295498
P07339	Cathepsin D (EC 3.4.23.5) [Cleaved into: Cathepsin D light chain; Cathepsin D heavy chain]	CTSD	5692401.5	1890170.5	3.01158096	0.000590712
P34896	Serine hydroxymethyltransferase, cytosolic (SHMT) (EC 2.1.2.1) (Glycine hydroxymethyltransferase) (Serine methylase)	SHMT1	168117.22	56127.1306	2.99529327	0.024257492
O00757	Fructose-1,6-bisphosphatase isozyme 2 (FBPase 2) (EC 3.1.3.11) (D-fructose-1,6-bisphosphate 1-phosphohydrolase 2) (Muscle FBPase)	FBP2	303183.85	101277.648	2.99359099	0.006772503
Q5T2W1	Na (+)/H (+) exchange regulatory cofactor NHE-RF3 (NHERF-3) (CFTR-associated protein of 70 kDa) (Na (+)/H (+) exchanger regulatory factor 3) (Na/Pi cotransporter C-terminal-associated protein 1) (NaPi-Cap1) (PDZ domain-containing protein 1) (Sodium-hydrogen exchanger regulatory factor 3)	PDZK1	80969.962	27299.3079	2.96600785	0.011040336

P01011	Alpha-1-antichymotrypsin (ACT) (Cell growth-inhibiting gene 24/25 protein) (Serpina A3) [Cleaved into: Alpha-1-antichymotrypsin His-Pro-less]	SERPINA3	18410547	6346315.31	2.90098203	0.007713744
P61457	Pterin-4-alpha-carbinolamine dehydratase (PHS) (EC 4.2.1.96) (4-alpha-hydroxy-tetrahydropterin dehydratase) (Dimerization cofactor of hepatocyte nuclear factor 1-alpha) (DCoH) (Dimerization cofactor of HNF1) (Phenylalanine hydroxylase-stimulating protein) (Pterin carbinolamine dehydratase) (PCD)	PCBD1	160552.09	55734.95	2.88063578	0.001898172
P30046	D-dopachrome decarboxylase (EC 4.1.1.84) (D-dopachrome tautomerase) (Phenylpyruvate tautomerase II)	DDT	196470.78	68830.9327	2.85439667	0.009021495
Q9HAT2	Sialate O-acetyltransferase (EC 3.1.1.53) (H-Lse) (Sialic acid-specific 9-O-acetyltransferase)	SIAE	611812.5	216713.793	2.82313596	0.009099777
Q8NCC3	Group XV phospholipase A2 (EC 2.3.1.-) (1-O-acylceramide synthase) (ACS) (LCAT-like lysophospholipase) (LLPL) (Lysophospholipase 3) (Lysosomal phospholipase A2) (LPLA2)	PLA2G15	248839.54	88782.3461	2.80280428	0.008060952
P09417	Dihydropteridine reductase (EC 1.5.1.34) (HDHPR) (Quinoid dihydropteridine reductase) (Short chain dehydrogenase/reductase family 33C member 1)	QDPR	127182.88	46421.8201	2.73972207	0.007326201
Q9NUM4	Transmembrane protein 106B	TMEM106B	268596.36	98264.3082	2.73340708	0.026687892
Q96KP4	Cytosolic non-specific dipeptidase (EC 3.4.13.18) (CNDP dipeptidase 2) (Carnosine dipeptidase II) (Epididymis secretory protein Li 13) (Glutamate carboxypeptidase-like protein 1) (Peptidase A)	CNDP2	454586.33	167748.08	2.70993464	0.013012033
P00450	Ceruloplasmin (EC 1.16.3.1) (Ferroxidase)	CP	2523183	939046.677	2.68696224	0.046182691
P09210	Glutathione S-transferase A2 (EC 2.5.1.18) (GST HA subunit 2) (GST class-alpha member 2) (GST-gamma) (GSTA2-2) (GTH2)	GSTA2	186385.53	69418.785	2.68494364	0.01158015
P02656	Apolipoprotein C-III (Apo-CIII) (ApoC-III) (Apolipoprotein C3)	APOC3	63553.54	23693.9622	2.68226729	0.025151614

P09467	Fructose-1,6-bisphosphatase 1 (FBPase 1) (EC 3.1.3.11) (D-fructose-1,6-bisphosphate 1-phosphohydrolase 1) (Liver FBPase)	FBP1	331519.4	127893.629	2.59214942	0.017018313
O00187	Mannan-binding lectin serine protease 2 (EC 3.4.21.104) (MBL-associated serine protease 2) (Mannose-binding protein-associated serine protease 2) (MASP-2) [Cleaved into: Mannan-binding lectin serine protease 2 A chain; Mannan-binding lectin serine protease 2 B chain]	MASP2	52282648	20568875.2	2.54183313	0.041507391
P52758	2-iminobutanoate/2-iminopropanoate deaminase (EC 3.5.99.10) (14.5 kDa translational inhibitor protein) (hp14.5) (p14.5) (Heat-responsive protein 12) (Reactive intermediate imine deaminase A homolog) (Translation inhibitor L-PSP ribonuclease) (UK114 antigen homolog)	RIDA	469339.28	185068.793	2.53602607	0.001712309
P04217	Alpha-1B-glycoprotein (Alpha-1-B glycoprotein)	A1BG	6230671.8	2466658.3	2.5259566	0.02037774
P05062	Fructose-bisphosphate aldolase B (EC 4.1.2.13) (Liver-type aldolase)	ALDOB	1463028.2	581061.33	2.51785509	0.02220065
O00115	Deoxyribonuclease-2-alpha (EC 3.1.22.1) (Acid DNase) (Deoxyribonuclease II alpha) (DNase II alpha) (Lysosomal DNase II) (R31240_2)	DNASE2	458902.19	182923.023	2.5087175	0.020566007
P42785	Lysosomal Pro-X carboxypeptidase (EC 3.4.16.2) (Angiotensinase C) (Lysosomal carboxypeptidase C) (Proline carboxypeptidase) (Prolylcarboxypeptidase) (PRCP)	PRCP	747029.44	299597.438	2.49344403	0.00984377
Q9NWW4	CXXC motif containing zinc binding protein (UPF0587 protein C1orf123)	CZIB	39515.711	16069.8755	2.45899297	0.010748162
O75787	Renin receptor (ATPase H (+)-transporting lysosomal accessory protein 2) (ATPase H (+)-transporting lysosomal-interacting protein 2) (ER-localized type I transmembrane adaptor) (Embryonic liver differentiation factor 10) (N14F) (Renin/prorenin receptor) (Vacuolar ATP synthase membrane sector-associated protein M8-9) (ATP6M8-9) (V-ATPase M8.9 subunit) [Cleaved into: Renin receptor N-terminal fragment; Renin receptor C-terminal fragment]	ATP6AP2	194191.63	79242.4993	2.45059954	0.017285985

O95154	Aflatoxin B1 aldehyde reductase member 3 (EC 1.-.-) (AFB1 aldehyde reductase 2) (AFB1-AR 2)	AKR7A3	76640.708	31798.8611	2.41017148	0.011711436
P17174	Aspartate aminotransferase, cytoplasmic (cAspAT) (EC 2.6.1.1) (EC 2.6.1.3) (Cysteine aminotransferase, cytoplasmic) (Cysteine transaminase, cytoplasmic) (cCAT) (Glutamate oxaloacetate transaminase 1) (Transaminase A)	GOT1	230326.4	97742.712	2.35645597	0.00833235
P51570	Galactokinase (EC 2.7.1.6) (Galactose kinase)	GALK1	33709.561	14429.7843	2.33610981	0.001038141
P20711	Aromatic-L-amino-acid decarboxylase (AADC) (EC 4.1.1.28) (DOPA decarboxylase) (DDC)	DDC	158015.95	67925.0066	2.32632953	0.017732993
Q93088	Betaine--homocysteine S-methyltransferase 1 (EC 2.1.1.5)	BHMT	523935.58	225700.151	2.32137896	0.037893342
P60174	Triosephosphate isomerase (TIM) (EC 5.3.1.1) (Methylglyoxal synthase) (EC 4.2.3.3) (Triose-phosphate isomerase)	TPI1	332277.88	143236.899	2.31977852	0.001351724
P13716	Delta-aminolevulinic acid dehydratase (ALADH) (EC 4.2.1.24) (Porphobilinogen synthase)	ALAD	34506.296	15013.7783	2.29830863	0.006831054
Q9HB40	Retinoid-inducible serine carboxypeptidase (EC 3.4.16.-) (Serine carboxypeptidase 1)	SCPEP1	321573.91	140463.04	2.2893845	0.028415907
Q8IV08	5'-3' exonuclease PLD3 (EC 3.1.16.1) (Choline phosphatase 3) (HindIII K4L homolog) (Hu-K4) (Phosphatidylcholine-hydrolyzing phospholipase D3) (Phospholipase D3) (PLD 3)	PLD3	605729.35	264808.321	2.28742568	0.043614968
P62736	Actin, aortic smooth muscle (Alpha-actin-2) (Cell growth-inhibiting gene 46 protein) [Cleaved into: Actin, aortic smooth muscle, intermediate form]	ACTA2	273022.76	119580.482	2.28317159	0.004676635
O00584	Ribonuclease T2 (EC 4.6.1.19) (Ribonuclease 6)	RNASET2	575804.34	253894.901	2.26788461	0.023065139
POCOL4	Complement C4-A (Acidic complement C4) (C3 and PZP-like alpha-2-macroglobulin domain-containing protein 2) [Cleaved into: Complement C4 beta chain; Complement C4-A alpha chain; C4a anaphylatoxin; C4b-A; C4d-A; Complement C4 gamma chain]	C4A	2597345.5	1146620.38	2.2652183	0.024563207

Q9BUT1	3-hydroxybutyrate dehydrogenase type 2 (EC 1.1.1.-) (EC 1.1.1.30) (Dehydrogenase/reductase SDR family member 6) (Oxidoreductase UCPA) (R-beta-hydroxybutyrate dehydrogenase) (Short chain dehydrogenase/reductase family 15C member 1)	BDH2	86618.666	38250.2962	2.26452275	0.001213144
P07858	Cathepsin B (EC 3.4.22.1) (APP secretase) (APPS) (Cathepsin B1) [Cleaved into: Cathepsin B light chain; Cathepsin B heavy chain]	CTSB	7725517	3443348.24	2.24360607	0.039515546
Q9NQR4	Omega-amidase NIT2 (EC 3.5.1.3) (Nitrilase homolog 2)	NIT2	111150.06	49549.6127	2.24320748	0.016939692
P50897	Palmitoyl-protein thioesterase 1 (PPT-1) (EC 3.1.2.22) (Palmitoyl-protein hydrolase 1)	PPT1	143551.18	64686.9211	2.21916851	0.006423519
P60709	Actin, cytoplasmic 1 (Beta-actin) [Cleaved into: Actin, cytoplasmic 1, N- terminally processed]	ACTB	3285943.7	1486275.56	2.21085767	0.002260658
Q5R3I4	Tetratricopeptide repeat protein 38 (TPR repeat protein 38)	TTC38	41980.88	19058.6831	2.20271672	0.011959868
Q8NHP8	Putative phospholipase B-like 2 (EC 3.1.1.-) (76 kDa protein) (p76) (LAMA- like protein 2) (Lamina ancestor homolog 2) (Phospholipase B domain- containing protein 2) [Cleaved into: Putative phospholipase B-like 2 32 kDa form; Putative phospholipase B-like 2 45 kDa form]	PLBD2	1049993.4	477990.057	2.19668466	0.006097174
Q12794	Hyaluronidase-1 (Hyal-1) (EC 3.2.1.35) (Hyaluronoglucosaminidase-1) (Lung carcinoma protein 1) (LuCa-1)	HYAL1	174212.39	79521.1999	2.1907666	0.021554051
Q7Z4W1	L-xylulose reductase (XR) (EC 1.1.1.10) (Carbonyl reductase II) (Dicarbonyl/L-xylulose reductase) (Kidney dicarbonyl reductase) (kiDCR) (Short chain dehydrogenase/reductase family 20C member 1) (Sperm surface protein P34H)	DCXR	86027.635	39474.0284	2.17934776	0.017226175
Q96BW5	Phosphotriesterase-related protein (EC 3.1.-.-) (Parathion hydrolase-related protein) (hPHRP)	PTER	70703.988	32580.8763	2.17010702	0.007054855
P51606	N-acylglucosamine 2-epimerase (AGE) (EC 5.1.3.8) (GlcNAc 2-epimerase) (N-acetyl-D-glucosamine 2-epimerase) (Renin-binding protein) (RnBP)	RENBP	38905	17994.3606	2.16206629	0.026891465

Q9Y6X5	Bis (5'-adenosyl)-triphosphatase ENPP4 (EC 3.6.1.29) (AP3A hydrolase) (AP3Aase) (Ectonucleotide pyrophosphatase/phosphodiesterase family member 4) (E-NPP 4) (NPP-4)	ENPP4	91080.259	42243.7033	2.1560671	0.027374745
Q00796	Sorbitol dehydrogenase (SDH) (EC 1.1.1.-) ((R,R)-butanediol dehydrogenase) (EC 1.1.1.4) (L-iditol 2-dehydrogenase) (EC 1.1.1.14) (Polyol dehydrogenase) (Ribitol dehydrogenase) (RDH) (EC 1.1.1.56) (Xylitol dehydrogenase) (XDH) (EC 1.1.1.9)	SORD	86385.419	40112.5588	2.15357539	0.035869129
P0C0L5	Complement C4-B (Basic complement C4) (C3 and PZP-like alpha-2-macroglobulin domain-containing protein 3) [Cleaved into: Complement C4 beta chain; Complement C4-B alpha chain; C4a anaphylatoxin; C4b-B; C4d-B; Complement C4 gamma chain]	C4B	947659.18	440425.672	2.15168925	0.03327401
P00338	L-lactate dehydrogenase A chain (LDH-A) (EC 1.1.1.27) (Cell proliferation-inducing gene 19 protein) (LDH muscle subunit) (LDH-M) (Renal carcinoma antigen NY-REN-59)	LDHA	959568.92	447182.178	2.14581209	0.014824616
Q9NVS9	Pyridoxine-5'-phosphate oxidase (EC 1.4.3.5) (Pyridoxamine-phosphate oxidase)	PNPO	54123.31	25343.895	2.13555611	0.008896168
P04062	Lysosomal acid glucosylceramidase (Lysosomal acid GCase) (EC 3.2.1.45) (Acid beta-glucosidase) (Alglucerase) (Beta-glucocerebrosidase) (Beta-GC) (Cholesterol glucosyltransferase) (SGTase) (EC 2.4.1.-) (Cholesteryl-beta-glucosidase) (EC 3.2.1.104) (D-glucosyl-N-acylsphingosine glucohydrolase) (Imiglucerase)	GBA	106337.03	49851.2849	2.13308497	0.005280209
P04406	Glyceraldehyde-3-phosphate dehydrogenase (GAPDH) (EC 1.2.1.12) (Peptidyl-cysteine S-nitrosylase GAPDH) (EC 2.6.99.-)	GAPDH	918802.11	431812.852	2.12777851	0.004981321
P38606	V-type proton ATPase catalytic subunit A (V-ATPase subunit A) (EC 7.1.2.2) (V-ATPase 69 kDa subunit) (Vacuolar ATPase isoform VA68) (Vacuolar proton pump subunit alpha)	ATP6V1A	85870.845	40642.08	2.11285556	0.016782504

P01857	Immunoglobulin heavy constant gamma 1 (Ig gamma-1 chain C region) (Ig gamma-1 chain C region EU) (Ig gamma-1 chain C region KOL) (Ig gamma-1 chain C region NIE)	IGHG1	26342117	12478877.4	2.11093644	0.000697955
Q14894	Ketimine reductase mu-crystallin (EC 1.5.1.25) (NADP-regulated thyroid-hormone-binding protein)	CRYM	79120.592	37554.9885	2.10679313	0.028678688
P07195	L-lactate dehydrogenase B chain (LDH-B) (EC 1.1.1.27) (LDH heart subunit) (LDH-H) (Renal carcinoma antigen NY-REN-46)	LDHB	1050748.2	500282.63	2.10030909	0.030894242
Q07075	Glutamyl aminopeptidase (EAP) (EC 3.4.11.7) (Aminopeptidase A) (AP-A) (Differentiation antigen gp160) (CD antigen CD249)	ENPEP	450631.9	214919.937	2.09674313	0.04359183
P42330	Aldo-keto reductase family 1 member C3 (EC 1.-.-) (17-beta-hydroxysteroid dehydrogenase type 5) (17-beta-HSD 5) (3-alpha-HSD type II, brain) (3-alpha-hydroxysteroid dehydrogenase type 2) (3-alpha-HSD type 2) (EC 1.1.1.357) (Chlordecone reductase homolog HAKRb) (Dihydrodiol dehydrogenase 3) (DD-3) (DD3) (Dihydrodiol dehydrogenase type I) (HA1753) (Indanol dehydrogenase) (EC 1.1.1.112) (Prostaglandin F synthase) (PGFS) (EC 1.1.1.188) (Testosterone 17-beta-dehydrogenase 5) (EC 1.1.1.239) (EC 1.1.1.64) (Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase) (EC 1.3.1.20)	AKR1C3	75640.724	36084.6191	2.09620404	0.027992173
P15121	Aldo-keto reductase family 1 member B1 (EC 1.1.1.300) (EC 1.1.1.372) (EC 1.1.1.54) (Aldehyde reductase) (Aldose reductase) (AR) (EC 1.1.1.21)	AKR1B1	208125.37	100018.28	2.08087337	0.029177258
Q3LXA3	Triokinase/FMN cyclase (Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase (cyclizing)) [Includes: ATP-dependent dihydroxyacetone kinase (DHA kinase) (EC 2.7.1.28) (EC 2.7.1.29) (Glycerone kinase) (Triokinase) (Triose kinase); FAD-AMP lyase (cyclizing) (EC 4.6.1.15) (FAD-AMP lyase (cyclic FMN forming)) (FMN cyclase)]	TKFC	61014.384	29365.5708	2.07775236	0.043416225

P36543	V-type proton ATPase subunit E 1 (V-ATPase subunit E 1) (V-ATPase 31 kDa subunit) (p31) (Vacuolar proton pump subunit E 1)	ATP6V1E1	51906.702	25380.0567	2.04517677	0.02020086
O43598	2'-deoxynucleoside 5'-phosphate N-hydrolase 1 (EC 3.2.2.-) (c-Myc-responsive protein RCL)	DNPH1	124390.87	60862.3742	2.04380568	0.00843479
Q06830	Peroxiredoxin-1 (EC 1.11.1.15) (Natural killer cell-enhancing factor A) (NKEF-A) (Proliferation-associated gene protein) (PAG) (Thioredoxin peroxidase 2) (Thioredoxin-dependent peroxide reductase 2)	PRDX1	539193.05	265400.303	2.03162184	0.004638782
P62258	14-3-3 protein epsilon (14-3-3E)	YWHAE	233405.25	114900.769	2.0313637	0.002973197
Q99519	Sialidase-1 (EC 3.2.1.18) (Acetylneuraminyl hydrolase) (G9 sialidase) (Lysosomal sialidase) (N-acetyl-alpha-neuraminidase 1)	NEU1	1129226.1	556248.95	2.03007326	0.032369013
O95861	3' (2'),5'-bisphosphate nucleotidase 1 (EC 3.1.3.7) (Bisphosphate 3'-nucleotidase 1) (PAP-inositol 1,4-phosphatase) (PIP)	BPNT1	28404.944	14031.7488	2.02433383	0.001696369
P17405	Sphingomyelin phosphodiesterase (EC 3.1.4.12) (Acid sphingomyelinase) (aSMase)	SMPD1	78155.544	38634.6801	2.02293752	0.038527619
Q96DG6	Carboxymethylenebutenolidase homolog (EC 3.1.-.-)	CMBL	83473.7	41339.3889	2.01922918	0.021363297
Q6P531	Glutathione hydrolase 6 (EC 3.4.19.13) (Gamma-glutamyltransferase 6) (GGT 6) (EC 2.3.2.2) (Gamma-glutamyltranspeptidase 6) [Cleaved into: Glutathione hydrolase 6 heavy chain; Glutathione hydrolase 6 light chain]	GGT6	221004.01	110127.425	2.0068027	0.024242556
P04075	Fructose-bisphosphate aldolase A (EC 4.1.2.13) (Lung cancer antigen NY-LU-1) (Muscle-type aldolase)	ALDOA	188187.07	95934.3322	1.96162383	0.006601043
P47756	F-actin-capping protein subunit beta (CapZ beta)	CAPZB	32927.702	17064.9346	1.92955337	0.004630708
P32189	Glycerol kinase (GK) (Glycerokinase) (EC 2.7.1.30) (ATP:glycerol 3-phosphotransferase)	GK	36734.114	19154.4785	1.91778199	0.046973561

Q92692	Nectin-2 (Herpes virus entry mediator B) (Herpesvirus entry mediator B) (HveB) (Nectin cell adhesion molecule 2) (Poliovirus receptor-related protein 2) (CD antigen CD112)	NECTIN2	3666726.9	1917202.62	1.91254008	0.008819292
Q9HC38	Glyoxalase domain-containing protein 4	GLOD4	96766.552	50686.4374	1.90912119	0.014697716
O75083	WD repeat-containing protein 1 (Actin-interacting protein 1) (AIP1) (NORI-1)	WDR1	51529.29	27032.5227	1.90619613	0.018192444
Q6XQN6	Nicotinate phosphoribosyltransferase (NAPRTase) (EC 6.3.4.21) (FHA-HIT-interacting protein) (Nicotinate phosphoribosyltransferase domain-containing protein 1)	NAPRT	39181.422	20574.3342	1.90438346	0.033428581
P12277	Creatine kinase B-type (EC 2.7.3.2) (Brain creatine kinase) (B-CK) (Creatine kinase B chain) (Creatine phosphokinase B-type) (CPK-B)	CKB	78216.134	41096.557	1.90322839	0.043951922
P05090	Apolipoprotein D (Apo-D) (ApoD)	APOD	97257619	51259516.1	1.89735734	0.012011944
P13489	Ribonuclease inhibitor (Placental ribonuclease inhibitor) (Placental RNase inhibitor) (Ribonuclease/angiogenin inhibitor 1) (RAI)	RNH1	169789	89805.2912	1.89063471	0.038599757
Q08257	Quinone oxidoreductase (EC 1.6.5.5) (NADPH:quinone reductase) (Zeta-crystallin)	CRYZ	114397.74	60569.5018	1.88870208	0.032076626
P17900	Ganglioside GM2 activator (Cerebroside sulfate activator protein) (GM2-AP) (Sphingolipid activator protein 3) (SAP-3) [Cleaved into: Ganglioside GM2 activator isoform short]	GM2A	26378716	13990039.1	1.88553556	0.046853745
P07741	Adenine phosphoribosyltransferase (APRT) (EC 2.4.2.7)	APRT	53992.455	28717.3177	1.88013574	0.014524581
P07737	Profilin-1 (Epididymis tissue protein Li 184a) (Profilin I)	PFN1	295973.52	157759.25	1.87610882	0.031779337
P06733	Alpha-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase) (C-myc promoter-binding protein) (Enolase 1) (MBP-1) (MPB-1) (Non-neural enolase) (NNE) (Phosphopyruvate hydratase) (Plasminogen-binding protein)	ENO1	439808.62	235722.74	1.86578783	0.018382966

P49773	Histidine triad nucleotide-binding protein 1 (EC 3.-.-) (Adenosine 5'-monophosphoramidase) (Protein kinase C inhibitor 1) (Protein kinase C-interacting protein 1) (PKCI-1)	HINT1	43975.017	23710.4512	1.8546681	0.007555151
P50135	Histamine N-methyltransferase (HMT) (EC 2.1.1.8)	HNMT	44359.351	23968.4076	1.85074251	0.024130913
Q15365	Poly (rC)-binding protein 1 (Alpha-CP1) (Heterogeneous nuclear ribonucleoprotein E1) (hnRNP E1) (Nucleic acid-binding protein SUB2.3)	PCBP1	64220.395	34758.4216	1.84762116	0.001525055
P49189	4-trimethylaminobutyraldehyde dehydrogenase (TMABA-DH) (TMABALDH) (EC 1.2.1.47) (Aldehyde dehydrogenase E3 isozyme) (Aldehyde dehydrogenase family 9 member A1) (EC 1.2.1.3) (Gamma-aminobutyraldehyde dehydrogenase) (EC 1.2.1.19) (R-aminobutyraldehyde dehydrogenase) [Cleaved into: 4-trimethylaminobutyraldehyde dehydrogenase, N-terminally processed]	ALDH9A1	118848.49	64369.8401	1.84633807	0.030548766
P52788	Spermine synthase (SPMSY) (EC 2.5.1.22) (Spermidine aminopropyltransferase)	SMS	31376.478	17001.5949	1.84550202	0.002898004
P32119	Peroxiredoxin-2 (EC 1.11.1.15) (Natural killer cell-enhancing factor B) (NKEF-B) (PRP) (Thiol-specific antioxidant protein) (TSA) (Thioredoxin peroxidase 1) (Thioredoxin-dependent peroxide reductase 1)	PRDX2	252198.03	137098.649	1.83953691	0.028056306
O14745	Na (+)/H (+) exchange regulatory cofactor NHE-RF1 (NHERF-1) (Ezrin-radixin-moesin-binding phosphoprotein 50) (EBP50) (Regulatory cofactor of Na (+)/H (+) exchanger) (Sodium-hydrogen exchanger regulatory factor 1) (Solute carrier family 9 isoform A3 regulatory factor 1)	SLC9A3R1	157383.87	85654.3776	1.83742939	0.007656626
Q99536	Synaptic vesicle membrane protein VAT-1 homolog (EC 1.-.-)	VAT1	48020.86	26532.4056	1.80989471	0.035786503
Q9UP52	Transferrin receptor protein 2 (TfR2)	TFR2	39017.674	21614.4562	1.80516564	0.044607489
Q99497	Protein/nucleic acid deglycase DJ-1 (EC 3.1.2.-) (EC 3.5.1.-) (EC 3.5.1.124) (Maillard deglycase) (Oncogene DJ1) (Parkinson disease protein 7) (Parkinsonism-associated deglycase) (Protein DJ-1) (DJ-1)	PARK7	156542.11	87453.2049	1.79001004	0.011276645

Q9BRA2	Thioredoxin domain-containing protein 17 (14 kDa thioredoxin-related protein) (TRP14) (Protein 42-9-9) (Thioredoxin-like protein 5)	TXNDC17	101327.44	56654.7907	1.78850618	0.01916617
O75309	Cadherin-16 (Kidney-specific cadherin) (Ksp-cadherin)	CDH16	139986.74	78419.5946	1.78509898	0.00397695
Q9UBQ7	Glyoxylate reductase/hydroxypyruvate reductase (EC 1.1.1.79) (EC 1.1.1.81)	GRHPR	42447.857	23892.5883	1.77661191	0.040082087
P13797	Plastin-3 (T-plastin)	PLS3	152755.74	86263.8229	1.77079728	0.012197444
P08697	Alpha-2-antiplasmin (Alpha-2-AP) (Alpha-2-plasmin inhibitor) (Alpha-2-PI) (Serpine F2)	SERPINF2	570396.28	323738.275	1.76190559	0.045495943
P45381	Aspartoacylase (EC 3.5.1.15) (Aminoacylase-2) (ACY-2)	ASPA	33188.253	18961.9764	1.75025285	0.030443767
P25786	Proteasome subunit alpha type-1 (EC 3.4.25.1) (30 kDa prosomal protein) (PROS-30) (Macropain subunit C2) (Multicatalytic endopeptidase complex subunit C2) (Proteasome component C2) (Proteasome nu chain)	PSMA1	23506.66	13470.5742	1.74503771	0.047441249
P31947	14-3-3 protein sigma (Epithelial cell marker protein 1) (Stratifin)	SFN	140374.6	80501.8331	1.74374415	0.033365123
P78380	Oxidized low-density lipoprotein receptor 1 (Ox-LDL receptor 1) (C-type lectin domain family 8 member A) (Lectin-like oxidized LDL receptor 1) (LOX-1) (Lectin-like oxLDL receptor 1) (hLOX-1) (Lectin-type oxidized LDL receptor 1) [Cleaved into: Oxidized low-density lipoprotein receptor 1, soluble form]	OLR1	421384.25	242847.711	1.735179	0.04909079
P32754	4-hydroxyphenylpyruvate dioxygenase (EC 1.13.11.27) (4-hydroxyphenylpyruvic acid oxidase) (4HPPD) (HPD) (HPPDase)	HPD	68125.468	39385.0083	1.72973095	0.042392582
Q16651	Prostasin (EC 3.4.21.-) (Channel-activating protease 1) (CAP1) (Serine protease 8) [Cleaved into: Prostasin light chain; Prostasin heavy chain]	PRSS8	4314998.9	2502322.71	1.72439746	0.022020452
P15531	Nucleoside diphosphate kinase A (NDK A) (NDP kinase A) (EC 2.7.4.6) (Granzyme A-activated DNase) (GAAD) (Metastasis inhibition factor nm23) (NM23-H1) (Tumor metastatic process-associated protein)	NME1	67225.291	39123.7306	1.71827406	0.040645091

Q9H4A4	Aminopeptidase B (AP-B) (EC 3.4.11.6) (Arginine aminopeptidase) (Arginyl aminopeptidase)	RNPEP	31638.567	18524.9832	1.70788643	0.02691616
Q8N8N7	Prostaglandin reductase 2 (PRG-2) (EC 1.3.1.48) (15-oxoprostaglandin 13-reductase) (Zinc-binding alcohol dehydrogenase domain-containing protein 1)	PTGR2	39273.277	23135.0347	1.69756725	0.02380603
O95633	Follistatin-related protein 3 (Follistatin-like protein 3) (Follistatin-related gene protein)	FSTL3	96771.956	57347.5677	1.687464	0.032431393
P62140	Serine/threonine-protein phosphatase PP1-beta catalytic subunit (PP-1B) (PPP1CB) (EC 3.1.3.16) (EC 3.1.3.53)	PPP1CB	37445.87	22272.7503	1.68124141	0.002670738
P00390	Glutathione reductase, mitochondrial (GR) (GRase) (EC 1.8.1.7)	GSR	54539.744	32692.8992	1.66824434	0.044312589
O94760	N (G),N (G)-dimethylarginine dimethylaminohydrolase 1 (DDAH-1) (Dimethylarginine dimethylaminohydrolase 1) (EC 3.5.3.18) (DDAHI) (Dimethylargininase-1)	DDAH1	196693.44	118804.567	1.65560502	0.022181049
P17342	Atrial natriuretic peptide receptor 3 (Atrial natriuretic peptide clearance receptor) (Atrial natriuretic peptide receptor type C) (ANP-C) (ANPR-C) (NPR-C)	NPR3	78603.617	47854.7866	1.6425445	0.042325184
P49419	Alpha-aminoadipic semialdehyde dehydrogenase (Alpha-AASA dehydrogenase) (EC 1.2.1.31) (Aldehyde dehydrogenase family 7 member A1) (EC 1.2.1.3) (Antiquitin-1) (Betaine aldehyde dehydrogenase) (EC 1.2.1.8) (Delta1-piperidine-6-carboxylate dehydrogenase) (P6c dehydrogenase)	ALDH7A1	45238.33	27695.8851	1.63339535	0.042195047
Q96FV2	Secernin-2	SCRN2	29888.665	18315.9678	1.63183649	0.005479918
P26641	Elongation factor 1-gamma (EF-1-gamma) (eEF-1B gamma)	EEF1G	27186.314	16719.5017	1.62602416	0.039107479
Q15262	Receptor-type tyrosine-protein phosphatase kappa (Protein-tyrosine phosphatase kappa) (R-PTP-kappa) (EC 3.1.3.48)	PTPRK	38683.131	24272.1832	1.59372277	0.014486909

P30044	Peroxiredoxin-5, mitochondrial (EC 1.11.1.15) (Alu corepressor 1) (Antioxidant enzyme B166) (AOEB166) (Liver tissue 2D-page spot 71B) (PLP) (Peroxiredoxin V) (Prx-V) (Peroxisomal antioxidant enzyme) (TPx type VI) (Thioredoxin peroxidase PMP20)	PRDX5	182928.56	115696.957	1.58110091	0.002301591
A6ND91	Putative L-aspartate dehydrogenase (EC 1.4.1.21) (Aspartate dehydrogenase domain-containing protein)	ASPDH	19206.437	12306.8194	1.5606337	0.043090536
P27348	14-3-3 protein theta (14-3-3 protein T-cell) (14-3-3 protein tau) (Protein HS1)	YWHAQ	29714.71	19140.3261	1.55246622	0.025632036
Q04917	14-3-3 protein eta (Protein AS1)	YWHAH	51604.459	33380.2989	1.54595558	0.002743605
Q9NPR2	Semaphorin-4B (Semaphorin-C)	SEMA4B	83966.307	55253.6821	1.51965089	0.04321615
Q96CG8	Collagen triple helix repeat-containing protein 1 (Protein NMTC1)	CTHRC1	211071.27	315640.352	1.49542075	0.029712269
Q9UKS6	Protein kinase C and casein kinase substrate in neurons protein 3 (SH3 domain-containing protein 6511)	PACSIN3	35003.537	52835.9082	1.50944482	0.009271382
P07204	Thrombomodulin (TM) (Fetomodulin) (CD antigen CD141)	THBD	421312.06	643059.285	1.52632535	0.011583828
Q9HCM3	UPF0606 protein KIAA1549	KIAA1549	23020.706	35285.0252	1.53275168	0.008408854
P41222	Prostaglandin-H2 D-isomerase (EC 5.3.99.2) (Beta-trace protein) (Cerebrin-28) (Glutathione-independent PGD synthase) (Lipocalin-type prostaglandin-D synthase) (Prostaglandin-D2 synthase) (PGD2 synthase) (PGDS) (PGDS2)	PTGDS	85413319	132311395	1.54907217	0.01702467
O00144	Frizzled-9 (Fz-9) (hFz9) (FzE6) (CD antigen CD349)	FZD9	123992.65	192586.154	1.55320626	0.016768272
O75351	Vacuolar protein sorting-associated protein 4B (EC 3.6.4.6) (Cell migration-inducing gene 1 protein) (Suppressor of K (+) transport growth defect 1) (Protein SKD1)	VPS4B	397992.02	618777.125	1.55474758	0.022528032

O95398	Rap guanine nucleotide exchange factor 3 (Exchange factor directly activated by cAMP 1) (Exchange protein directly activated by cAMP 1) (EPAC 1) (Rap1 guanine-nucleotide-exchange factor directly activated by cAMP) (cAMP-regulated guanine nucleotide exchange factor I) (cAMP-GEFI)	RAPGEF3	21739.201	33829.4631	1.55615023	0.048027923
Q9Y2G1	Myelin regulatory factor (EC 3.4.-.-) (Myelin gene regulatory factor) [Cleaved into: Myelin regulatory factor, N-terminal; Myelin regulatory factor, C-terminal]	MYRF	54485.586	85009.9727	1.56022864	0.005082334
P05362	Intercellular adhesion molecule 1 (ICAM-1) (Major group rhinovirus receptor) (CD antigen CD54)	ICAM1	339587.39	535203.401	1.57604026	0.036985361
Q01973	Inactive tyrosine-protein kinase transmembrane receptor ROR1 (Neurotrophic tyrosine kinase, receptor-related 1)	ROR1	994886.37	1574206.36	1.58229765	0.026335641
Q96PC5	Melanoma inhibitory activity protein 2 (CTAGE family member 5 ER export factor) (Meningioma-expressed antigen 6/11)	MIA2	81603.991	129189.056	1.58312178	0.013243166
Q99816	Tumor susceptibility gene 101 protein (ESCRT-I complex subunit TSG101)	TSG101	191942.69	304575.595	1.58680488	0.042563608
Q9BQ51	Programmed cell death 1 ligand 2 (PD-1 ligand 2) (PD-L2) (PDCD1 ligand 2) (Programmed death ligand 2) (Butyrophilin B7-DC) (B7-DC) (CD antigen CD273)	PDCD1LG2	286168.93	455876.387	1.59303244	0.005124207
Q9UKZ9	Procollagen C-endopeptidase enhancer 2 (Procollagen COOH-terminal proteinase enhancer 2) (PCPE-2) (Procollagen C-proteinase enhancer 2)	PCOLCE2	166145.4	265118.313	1.59570059	0.010332112
Q92563	Testican-2 (SPARC/osteonectin, CWCV, and Kazal-like domains proteoglycan 2)	SPOCK2	211022.41	337279.59	1.59831173	0.044703867
Q53TN4	Cytochrome b reductase 1 (EC 1.-.-.-) (Duodenal cytochrome b) (Ferric-chelate reductase 3)	CYBRD1	134512.39	215179.629	1.59970119	0.022689604
Q86YQ8	Copine-8 (Copine VIII)	CPNE8	24797.69	39742.9899	1.60268917	0.022326224

O95185	Netrin receptor UNC5C (Protein unc-5 homolog 3) (Protein unc-5 homolog C)	UNC5C	80555.267	130072.044	1.61469322	0.035952699
Q96JQ0	Protocadherin-16 (Cadherin-19) (Cadherin-25) (Fibroblast cadherin-1) (Protein dachsous homolog 1)	DCHS1	213821.47	347327.321	1.62438001	0.000511541
P55290	Cadherin-13 (Heart cadherin) (H-cadherin) (P105) (Truncated cadherin) (T-cad) (T-cadherin)	CDH13	12472929	20418582.7	1.63703191	0.044914878
P23142	Fibulin-1 (FIBL-1)	FBLN1	1936836	3224987.38	1.66508024	0.034152089
O94985	Calsyntenin-1 (Alcadein-alpha) (Alc-alpha) (Alzheimer-related cadherin-like protein) (Non-classical cadherin XB31alpha) [Cleaved into: Soluble Alc-alpha (SAlc-alpha); CTF1-alpha (C-terminal fragment 1-alpha)]	CLSTN1	476740.62	799343.573	1.67668443	0.041038166
Q8N271	Prominin-2 (PROM-2) (Prominin-like protein 2) (hPROML2)	PROM2	227319.56	381204.168	1.67695279	0.03325126
P14314	Glucosidase 2 subunit beta (80K-H protein) (Glucosidase II subunit beta) (Protein kinase C substrate 60.1 kDa protein heavy chain) (PKCSH)	PRKCSH	324067.16	548793.851	1.69345717	0.044396351
P83110	Serine protease HTRA3 (EC 3.4.21.-) (High-temperature requirement factor A3) (Pregnancy-related serine protease)	HTRA3	86776.288	147169.477	1.6959642	0.04399115
Q06481	Amyloid-like protein 2 (APLP-2) (APPH) (Amyloid protein homolog) (CDEI box-binding protein) (CDEBP)	APLP2	185370	314635.434	1.69733744	0.018867664
Q8TAB3	Protocadherin-19	PCDH19	33092.63	56234.5438	1.69930719	0.038840422
P26718	NKG2-D type II integral membrane protein (Killer cell lectin-like receptor subfamily K member 1) (NK cell receptor D) (NKG2-D-activating NK receptor) (CD antigen CD314)	KLRK1	49098.625	83493.6456	1.7005292	0.032029769
Q07507	Dermatopontin (Tyrosine-rich acidic matrix protein) (TRAMP)	DPT	2259323.6	3857020.51	1.7071572	0.012688991
O14917	Protocadherin-17 (Protocadherin-68)	PCDH17	28023.906	47882.7459	1.70863923	0.008775478
P42685	Tyrosine-protein kinase FRK (EC 2.7.10.2) (FYN-related kinase) (Nuclear tyrosine protein kinase RAK) (Protein-tyrosine kinase 5)	FRK	29340.233	50244.1578	1.71246621	0.048854805

P31785	Cytokine receptor common subunit gamma (Interleukin-2 receptor subunit gamma) (IL-2 receptor subunit gamma) (IL-2R subunit gamma) (IL-2RG) (gammaC) (p64) (CD antigen CD132)	IL2RG	15773.331	27140.1834	1.72063737	0.002036808
Q6UXD5	Seizure 6-like protein 2	SEZ6L2	412661.54	713970.274	1.73015947	0.023369983
Q14393	Growth arrest-specific protein 6 (GAS-6) (AXL receptor tyrosine kinase ligand)	GAS6	109973.84	190497.676	1.73220893	0.019679105
Q9H0X4	Protein FAM234A (Protein ITFG3)	FAM234A	72731.991	126997.662	1.74610458	0.019596023
P17936	Insulin-like growth factor-binding protein 3 (IBP-3) (IGF-binding protein 3) (IGFBP-3)	IGFBP3	2635695	4605898.13	1.74750801	0.015115397
Q03403	Trefoil factor 2 (Spasmolysin) (Spasmolytic polypeptide) (SP)	TFF2	15246669	26792041.9	1.75723903	0.044381153
A6NH11	Glycolipid transfer protein domain-containing protein 2	GLTPD2	66118.626	116468.684	1.76151097	0.038069803
Q6P1N0	Coiled-coil and C2 domain-containing protein 1A (Akt kinase-interacting protein 1) (Five prime repressor element under dual repression-binding protein 1) (FRE under dual repression-binding protein 1) (Freud-1) (Putative NF-kappa-B-activating protein 023N)	CC2D1A	24483.473	43155.1593	1.76262406	0.026251823
Q8N3J6	Cell adhesion molecule 2 (Immunoglobulin superfamily member 4D) (IgSF4D) (Nectin-like protein 3) (NECL-3) (Synaptic cell adhesion molecule 2) (SynCAM 2)	CADM2	566726.24	1000085.92	1.76467197	0.022256358
Q6UXN8	C-type lectin domain family 9 member A (CD antigen CD370)	CLEC9A	23209.535	40957.2942	1.76467535	0.001017472
O00468	Agrin [Cleaved into: Agrin N-terminal 110 kDa subunit; Agrin C-terminal 110 kDa subunit; Agrin C-terminal 90 kDa fragment (C90); Agrin C-terminal 22 kDa fragment (C22)]	AGRN	788880.62	1392323.72	1.76493589	0.02204849
Q92743	Serine protease HTRA1 (EC 3.4.21.-) (High-temperature requirement A serine peptidase 1) (L56) (Serine protease 11)	HTRA1	84389.502	148979.627	1.76538105	0.025571451
Q12841	Follistatin-related protein 1 (Follistatin-like protein 1)	FSTL1	242846.2	428970.161	1.76642731	0.023925936

O60241	Adhesion G protein-coupled receptor B2 (Brain-specific angiogenesis inhibitor 2)	ADGRB2	40703.207	72119.7821	1.77184518	0.004076954
P30626	Sorcin (22 kDa protein) (CP-22) (CP22) (V19)	SRI	107204.87	190183.005	1.77401464	0.035398138
P48740	Mannan-binding lectin serine protease 1 (EC 3.4.21.-) (Complement factor MASP-3) (Complement-activating component of Ra-reactive factor) (Mannose-binding lectin-associated serine protease 1) (MASP-1) (Mannose-binding protein-associated serine protease) (Ra-reactive factor serine protease p100) (RaRF) (Serine protease 5) [Cleaved into: Mannan-binding lectin serine protease 1 heavy chain; Mannan-binding lectin serine protease 1 light chain]	MASP1	40394.219	72009.3171	1.78266394	0.033995617
P04156	Major prion protein (PrP) (ASCR) (PrP27-30) (PrP33-35C) (CD antigen CD230)	PRNP	3793671	6839562.36	1.80288761	0.023726381
P35555	Fibrillin-1 [Cleaved into: Asprosin]	FBN1	4110121	7420342.08	1.80538286	0.045600981
P25940	Collagen alpha-3 (V) chain	COL5A3	312304.42	564558.852	1.80771968	0.042992432
O60242	Adhesion G protein-coupled receptor B3 (Brain-specific angiogenesis inhibitor 3)	ADGRB3	35973.127	65177.316	1.81183348	0.042409157
Q9H223	EH domain-containing protein 4 (Hepatocellular carcinoma-associated protein 10/11) (PAST homolog 4)	EHD4	34772.203	63003.2687	1.81188604	0.021764913
Q9HC56	Protocadherin-9	PCDH9	54311.708	98599.4332	1.81543606	0.00176738
Q9NS15	Latent-transforming growth factor beta-binding protein 3 (LTBP-3)	LTBP3	52981.851	96294.9067	1.81750739	0.043519326
Q9BYH1	Seizure 6-like protein	SEZ6L	188523.35	342860.009	1.81866071	0.034437055
P29323	Ephrin type-B receptor 2 (EC 2.7.10.1) (Developmentally-regulated Eph-related tyrosine kinase) (ELK-related tyrosine kinase) (EPH tyrosine kinase 3) (EPH-like kinase 5) (EK5) (hEK5) (Renal carcinoma antigen NY-REN-47) (Tyrosine-protein kinase TYRO5) (Tyrosine-protein kinase receptor EPH-3) [Cleaved into: EphB2/CTF1; EphB2/CTF2]	EPHB2	228045.24	415138.845	1.82042319	0.00015421

P41217	OX-2 membrane glycoprotein (CD antigen CD200)	CD200	272502.78	498453.306	1.82916779	0.036695096
P51149	Ras-related protein Rab-7a	RAB7A	41785.807	76770.5664	1.83724024	0.042085414
Q969P0	Immunoglobulin superfamily member 8 (IgSF8) (CD81 partner 3) (Glu-Trp-Ile EWI motif-containing protein 2) (EWI-2) (Keratinocytes-associated transmembrane protein 4) (KCT-4) (LIR-D1) (Prostaglandin regulatory-like protein) (PGRL) (CD antigen CD316)	IGSF8	1673585.5	3075682.22	1.83778019	0.001558253
P11233	Ras-related protein Ral-A	RALA	53731.314	98902.1345	1.84067961	0.010870321
Q9UJJ9	N-acetylglucosamine-1-phosphotransferase subunit gamma (GlcNAc-1-phosphotransferase subunit gamma) (UDP-N-acetylglucosamine-1-phosphotransferase subunit gamma)	GNPTG	380079.16	704337.028	1.85313245	0.013306756
P41586	Pituitary adenylate cyclase-activating polypeptide type I receptor (PACAP type I receptor) (PACAP-R-1) (PACAP-R1)	ADCYAP1R1	42248.889	78398.9603	1.85564551	0.013554329
P13591	Neural cell adhesion molecule 1 (N-CAM-1) (NCAM-1) (CD antigen CD56)	NCAM1	1524859.7	2844936.97	1.86570405	0.025229522
O75095	Multiple epidermal growth factor-like domains protein 6 (Multiple EGF-like domains protein 6) (Epidermal growth factor-like protein 3) (EGF-like protein 3)	MEGF6	76083.564	142158.107	1.86844701	0.022813578
O43291	Kunitz-type protease inhibitor 2 (Hepatocyte growth factor activator inhibitor type 2) (HAI-2) (Placental bikunin)	SPINT2	1355240.9	2533126.89	1.86913402	0.027995235
O95490	Adhesion G protein-coupled receptor L2 (Calcium-independent alpha-latrotoxin receptor 2) (CIRL-2) (Letrophilin homolog 1) (Letrophilin-2) (Lectomedin-1)	ADGRL2	81592.393	153049.745	1.87578449	0.001068814
Q9Y6W3	Calpain-7 (EC 3.4.22.-) (PalB homolog) (PalBH)	CAPN7	80454.092	151034.562	1.87727633	0.008363601
Q8IWU5	Extracellular sulfatase Sulf-2 (hSulf-2) (EC 3.1.6.-)	SULF2	6839978.6	12885984.3	1.88392171	0.016243393
Q96GP6	Scavenger receptor class F member 2 (SRECRP-1) (Scavenger receptor expressed by endothelial cells 2 protein) (SREC-II)	SCARF2	26637.665	50289.0663	1.88789319	0.04588692

O95274	Ly6/PLAUR domain-containing protein 3 (GPI-anchored metastasis-associated protein C4.4A homolog) (Matrigel-induced gene C4 protein) (MIG-C4)	LYPD3	153515.51	291280.833	1.8974033	0.013819198
Q14210	Lymphocyte antigen 6D (Ly-6D) (E48 antigen)	LY6D	3023360.4	5763400.82	1.90628974	0.037919944
P20916	Myelin-associated glycoprotein (Siglec-4a)	MAG	67078.355	127955.022	1.90754561	0.032422104
O43491	Band 4.1-like protein 2 (Generally expressed protein 4.1) (4.1G)	EPB41L2	70803.603	135080.449	1.90781887	0.016180096
P05060	Secretogranin-1 (Chromogranin-B) (CgB) (Secretogranin I) (SgI) [Cleaved into: PE-11; GAWK peptide; CCB peptide]	CHGB	3291798.7	6280910.08	1.90804807	0.027543562
Q96J84	Kin of IRRE-like protein 1 (Kin of irregular chiasm-like protein 1) (Nephrin-like protein 1)	KIRREL1	235203.45	449727.292	1.91207778	0.008183787
P35613	Basigin (5F7) (Collagenase stimulatory factor) (Extracellular matrix metalloproteinase inducer) (EMMPRIN) (Leukocyte activation antigen M6) (OK blood group antigen) (Tumor cell-derived collagenase stimulatory factor) (TCSF) (CD antigen CD147)	BSG	998500	1916936.18	1.9198159	0.034440861
Q8IUL8	Cartilage intermediate layer protein 2 (CILP-2) [Cleaved into: Cartilage intermediate layer protein 2 C1; Cartilage intermediate layer protein 2 C2]	CILP2	929816.79	1786249.4	1.92107673	0.000963194
O95502	Neuronal pentraxin receptor	NPTXR	226052.27	437482.097	1.93531385	0.043144015
P22607	Fibroblast growth factor receptor 3 (FGFR-3) (EC 2.7.10.1) (CD antigen CD333)	FGFR3	354137.06	685950.038	1.93696202	0.037614288
Q8WY21	VPS10 domain-containing receptor SorCS1 (hSorCS)	SORCS1	90700.695	176314.664	1.94391745	0.032237368
Q9ULV1	Frizzled-4 (Fz-4) (hFz4) (FzE4) (CD antigen CD344)	FZD4	325850.08	633888.806	1.94533878	0.000187193
P01589	Interleukin-2 receptor subunit alpha (IL-2 receptor subunit alpha) (IL-2-RA) (IL-2R subunit alpha) (IL2-RA) (TAC antigen) (p55) (CD antigen CD25)	IL2RA	307464.03	601822.969	1.95737682	0.014798746
Q9NU53	Glycoprotein integral membrane protein 1	GINM1	580656.59	1136774.22	1.95773929	0.020698844

P20023	Complement receptor type 2 (Cr2) (Complement C3d receptor) (Epstein-Barr virus receptor) (EBV receptor) (CD antigen CD21)	CR2	44793.127	87713.0523	1.95818103	0.01391482
P08123	Collagen alpha-2 (I) chain (Alpha-2 type I collagen)	COL1A2	552705.21	1083654.97	1.96063823	0.034299187
Q9NZW4	Dentin sialophosphoprotein [Cleaved into: Dentin phosphoprotein (Dentin phosphophoryn) (DPP); Dentin sialoprotein (DSP)]	DSPP	166421.41	327006.096	1.96492802	0.038028538
P10645	Chromogranin-A (CgA) (Pituitary secretory protein I) (SP-I) [Cleaved into: Vasostatin-1 (Vasostatin I); Vasostatin-2 (Vasostatin II); EA-92; ES-43; Pancreastatin; SS-18; WA-8; WE-14; LF-19; Catestatin (SL21); AL-11; GV-19; GR-44; ER-37; GE-25; Serpinin-RRG; Serpinin; p-Glu serpinin precursor]	CHGA	2503638.4	4947113.25	1.97596954	0.027187286
P20073	Annexin A7 (Annexin VII) (Annexin-7) (Synexin)	ANXA7	51391.296	101729.757	1.97951335	0.037090668
P07320	Gamma-crystallin D (Gamma-D-crystallin) (Gamma-crystallin 4)	CRYGD	54325.508	107551.323	1.97975735	0.048948039
Q9UBG0	C-type mannose receptor 2 (C-type lectin domain family 13 member E) (Endocytic receptor 180) (Macrophage mannose receptor 2) (Urokinase-type plasminogen activator receptor-associated protein) (UPAR-associated protein) (Urokinase receptor-associated protein) (CD antigen CD280)	MRC2	107505.54	213658.278	1.98741646	0.000357095
Q6UXK5	Leucine-rich repeat neuronal protein 1 (Neuronal leucine-rich repeat protein 1) (NLRR-1)	LRRN1	31155.69	62045.3956	1.99146273	0.026604592
P23515	Oligodendrocyte-myelin glycoprotein	OMG	172154.23	343654.366	1.9962005	0.016168447
P12273	Prolactin-inducible protein (Gross cystic disease fluid protein 15) (GCDFP-15) (Prolactin-induced protein) (Secretory actin-binding protein) (SABP) (gp17)	PIP	1049049.3	2101028.53	2.00279296	0.007770672
Q96JB6	Lysyl oxidase homolog 4 (EC 1.4.3.-) (Lysyl oxidase-like protein 4) (Lysyl oxidase-related protein C)	LOXL4	27485.896	55153.7216	2.00661899	0.041049635
O95998	Interleukin-18-binding protein (IL-18BP) (Tadekinig-alfa)	IL18BP	6082525.9	12225731.3	2.00997602	7.35341E-06
P20231	Tryptase beta-2 (Tryptase-2) (EC 3.4.21.59) (Tryptase II)	TPSB2	19665.795	39790.3567	2.0233282	0.02541854

P28676	Grancalcin	GCA	34559.492	70072.9047	2.02760227	0.028284959
P12111	Collagen alpha-3 (VI) chain	COL6A3	1447240.9	2950786.14	2.0389046	0.012483897
P23468	Receptor-type tyrosine-protein phosphatase delta (Protein-tyrosine phosphatase delta) (R-PTP-delta) (EC 3.1.3.48)	PTPRD	383897.25	784727.799	2.04410893	0.041674235
P17643	5,6-dihydroxyindole-2-carboxylic acid oxidase (DHICA oxidase) (EC 1.14.18.-) (Catalase B) (Glycoprotein 75) (Melanoma antigen gp75) (Tyrosinase-related protein 1) (TRP) (TRP-1) (TRP1)	TYRP1	59334.218	121965.096	2.05556088	0.002168502
Q07654	Trefoil factor 3 (Intestinal trefoil factor) (hITF) (Polypeptide P1.B) (hP1.B)	TFF3	1134594.8	2338095.81	2.06073206	0.003553094
Q86VP1	Tax1-binding protein 1 (TRAF6-binding protein)	TAX1BP1	11605.834	24114.6599	2.07780503	0.011716529
Q9BWV1	Brother of CDO (Protein BOC)	BOC	19610.144	40883.0109	2.08478897	0.008405317
Q14767	Latent-transforming growth factor beta-binding protein 2 (LTBP-2)	LTBP2	1349940.9	2822283.32	2.09067177	0.025619583
P01210	Proenkephalin-A [Cleaved into: Synenkephalin; Met-enkephalin (Opioid growth factor) (OGF); PENK (114-133); PENK (143-183); Met-enkephalin-Arg-Gly-Leu; Leu-enkephalin; PENK (237-258); Met-enkephalin-Arg-Phe]	PENK	1326091.3	2780901.27	2.09706625	0.003783321
O75339	Cartilage intermediate layer protein 1 (CILP-1) (Cartilage intermediate-layer protein) [Cleaved into: Cartilage intermediate layer protein 1 C1; Cartilage intermediate layer protein 1 C2]	CILP	46233.635	97327.3741	2.10512053	0.001111832
P81605	Dermcidin (EC 3.4.-.-) (Preproteolysin) [Cleaved into: Survival-promoting peptide; DCD-1]	DCD	70243.385	148189.025	2.10965097	0.029329037
Q15113	Procollagen C-endopeptidase enhancer 1 (Procollagen COOH-terminal proteinase enhancer 1) (PCPE-1) (Procollagen C-proteinase enhancer 1) (Type 1 procollagen C-proteinase enhancer protein) (Type I procollagen COOH-terminal proteinase enhancer)	PCOLCE	2270917.3	4792011.31	2.11016546	0.002341866
Q8N2S1	Latent-transforming growth factor beta-binding protein 4 (LTBP-4)	LTBP4	2049990.6	4337941.92	2.11607896	0.016383947

P28908	Tumor necrosis factor receptor superfamily member 8 (CD30L receptor) (Ki-1 antigen) (Lymphocyte activation antigen CD30) (CD antigen CD30)	TNFRSF8	120601.25	257420.611	2.13447714	0.034540044
P01127	Platelet-derived growth factor subunit B (PDGF subunit B) (PDGF-2) (Platelet-derived growth factor B chain) (Platelet-derived growth factor beta polypeptide) (Proto-oncogene c-Sis) (Becaplermin)	PDGFB	427742.4	913595.875	2.13585532	0.016451296
Q2UY09	Collagen alpha-1 (XXVIII) chain	COL28A1	344107.92	736753.535	2.1410537	0.02144216
P14784	Interleukin-2 receptor subunit beta (IL-2 receptor subunit beta) (IL-2R subunit beta) (IL-2RB) (High affinity IL-2 receptor subunit beta) (Interleukin-15 receptor subunit beta) (p70-75) (p75) (CD antigen CD122)	IL2RB	85186.141	182560.837	2.14308143	0.000328191
P08727	Keratin, type I cytoskeletal 19 (Cytokeratin-19) (CK-19) (Keratin-19) (K19)	KRT19	830608.05	1796183.13	2.16249183	0.049474592
Q9UKB5	Adherens junction-associated protein 1 (Membrane protein shrew-1)	AJAP1	51569.848	111726.81	2.16651424	0.027007134
P02538	Keratin, type II cytoskeletal 6A (Cytokeratin-6A) (CK-6A) (Cytokeratin-6D) (CK-6D) (Keratin-6A) (K6A) (Type-II keratin Kb6) (allergen Hom s 5)	KRT6A	716311.5	1565857.51	2.18600081	0.032740394
P48594	Serpin B4 (Leupin) (Peptidase inhibitor 11) (PI-11) (Squamous cell carcinoma antigen 2) (SCCA-2)	SERPINB4	34708.041	76210.494	2.19575901	0.044234346
Q96I82	Kazal-type serine protease inhibitor domain-containing protein 1	KAZALD1	81655.503	180602.361	2.21175983	0.009475094
O94910	Adhesion G protein-coupled receptor L1 (Calcium-independent alpha-latrotoxin receptor 1) (CIRL-1) (Letrophilin-1) (Lectomedin-2)	ADGRL1	806475.7	1794176.08	2.22471189	0.01251142
P01130	Low-density lipoprotein receptor (LDL receptor)	LDLR	818823.61	1823712.11	2.2272344	0.038235517
Q9NTU7	Cerebellin-4 (Cerebellin-like glycoprotein 1)	CBLN4	131777.3	293783.562	2.22939425	0.032695897
Q9NNX6	CD209 antigen (C-type lectin domain family 4 member L) (Dendritic cell-specific ICAM-3-grabbing non-integrin 1) (DC-SIGN) (DC-SIGN1) (CD antigen CD209)	CD209	150036.1	334640.589	2.23040044	0.001042734

P35908	Keratin, type II cytoskeletal 2 epidermal (Cytokeratin-2e) (CK-2e) (Epithelial keratin-2e) (Keratin-2 epidermis) (Keratin-2e) (K2e) (Type-II keratin Kb2)	KRT2	2069066.2	4626133.25	2.23585564	0.02221986
P21802	Fibroblast growth factor receptor 2 (FGFR-2) (EC 2.7.10.1) (K-sam) (KGFR) (Keratinocyte growth factor receptor) (CD antigen CD332)	FGFR2	692265.91	1555433.78	2.24687328	0.017454545
O15240	Neurosecretory protein VGF [Cleaved into: Neuroendocrine regulatory peptide-1 (NERP-1); Neuroendocrine regulatory peptide-2 (NERP-2); VGF-derived peptide TLQP-21; VGF-derived peptide TLQP-62; Antimicrobial peptide VGF[554-577]]	VGF	183605.36	414563.257	2.25790393	0.018617156
O15162	Phospholipid scramblase 1 (PL scramblase 1) (Ca (2+)-dependent phospholipid scramblase 1) (Erythrocyte phospholipid scramblase) (MmTRA1b)	PLSCR1	127652.36	288410.139	2.25934046	0.036184151
P04264	Keratin, type II cytoskeletal 1 (67 kDa cytokeratin) (Cytokeratin-1) (CK-1) (Hair alpha protein) (Keratin-1) (K1) (Type-II keratin Kb1)	KRT1	2171866.9	4924501.99	2.26740509	0.019516924
Q96NZ9	Proline-rich acidic protein 1 (Epididymis tissue protein Li 178) (Uterine-specific proline-rich acidic protein)	PRAP1	71909.064	163102.237	2.26817354	0.024547023
P39059	Collagen alpha-1 (XV) chain [Cleaved into: Restin (Endostatin-XV) (Related to endostatin) (Restin-I); Restin-2 (Restin-II); Restin-3 (Restin-III); Restin-4 (Restin-IV)]	COL15A1	1591639.3	3623118.42	2.27634396	0.000447762
O95497	Pantetheinase (EC 3.5.1.92) (Pantetheine hydrolase) (Tiff66) (Vascular non-inflammatory molecule 1) (Vanin-1)	VNN1	44871.192	102152.198	2.27656532	0.001354492
P13646	Keratin, type I cytoskeletal 13 (Cytokeratin-13) (CK-13) (Keratin-13) (K13)	KRT13	885689.13	2028273.6	2.29005138	0.01921029
Q01151	CD83 antigen (hCD83) (B-cell activation protein) (Cell surface protein HB15) (CD antigen CD83)	CD83	180593.99	414045.774	2.29268859	0.035715321
Q8IYJ0	PILR alpha-associated neural protein (PILR-associating neural protein) (Paired immunoglobulin-like type 2 receptor-associating neural protein)	PIANP	564458.35	1298768.3	2.30091078	0.004727979

Q6FHJ7	Secreted frizzled-related protein 4 (sFRP-4) (Frizzled protein, human endometrium) (FrpHE)	SFRP4	464333.66	1071327.63	2.30723664	0.04198935
Q13145	BMP and activin membrane-bound inhibitor homolog (Non-metastatic gene A protein) (Putative transmembrane protein NMA)	BAMBI	749661.8	1732354.25	2.31084769	0.011812386
Q8WVN6	Secreted and transmembrane protein 1 (Protein K-12)	SECTM1	7784576.9	18308930	2.35194927	0.000170506
A1L4H1	Soluble scavenger receptor cysteine-rich domain-containing protein SSC5D (Soluble scavenger protein with 5 SRCR domains) (SSc5D)	SSC5D	71718.627	168861.916	2.35450569	0.026492544
P80370	Protein delta homolog 1 (DLK-1) (pG2) [Cleaved into: Fetal antigen 1 (FA1)]	DLK1	5478056.4	12913210.5	2.35726132	0.048128117
P47972	Neuronal pentraxin-2 (NP2) (Neuronal pentraxin II) (NP-II)	NPTX2	137879.82	325377.768	2.35986509	0.000822607
Q9H9P2	Chondrolectin (Transmembrane protein MT75)	CHODL	243119.14	574933.255	2.364821	0.005576931
Q66K79	Carboxypeptidase Z (CPZ) (EC 3.4.17.-)	CPZ	323660.02	770886.186	2.38177757	0.000501828
P49418	Amphiphysin	AMPH	173008.77	418315.108	2.41788383	0.044514022
Q8NDA2	Hemicentin-2	HMCN2	470708.17	1138285.45	2.41824027	0.00852109
P06734	Low affinity immunoglobulin epsilon Fc receptor (BLAST-2) (C-type lectin domain family 4 member J) (Fc-epsilon-RII) (Immunoglobulin E-binding factor) (Lymphocyte IgE receptor) (CD antigen CD23) [Cleaved into: Low affinity immunoglobulin epsilon Fc receptor membrane-bound form; Low affinity immunoglobulin epsilon Fc receptor soluble form]	FCER2	249808.44	604657.885	2.42048618	0.005411853
P82987	ADAMTS-like protein 3 (ADAMTSL-3) (Punctin-2)	ADAMTSL3	69898.655	169508.624	2.42506275	0.013472336
Q08334	Interleukin-10 receptor subunit beta (IL-10 receptor subunit beta) (IL-10R subunit beta) (IL-10RB) (Cytokine receptor class-II member 4) (Cytokine receptor family 2 member 4) (CRF2-4) (Interleukin-10 receptor subunit 2) (IL-10R subunit 2) (IL-10R2) (CD antigen CDw210b)	IL10RB	217429.03	527913.556	2.42798099	0.000123139

P78423	Fractalkine (C-X3-C motif chemokine 1) (CX3C membrane-anchored chemokine) (Neurotactin) (Small-inducible cytokine D1) [Cleaved into: Processed fractalkine]	CX3CL1	174178.83	423536.213	2.43161703	0.049246862
P22531	Small proline-rich protein 2E (SPR-2E) (Small proline-rich protein II) (SPR-II)	SPRR2E	55992.77	136960.473	2.44603855	0.025336789
Q15198	Platelet-derived growth factor receptor-like protein (PDGFR-like protein) (PDGF receptor beta-like tumor suppressor)	PDGFRL	109521.3	269350.279	2.45934142	0.012861864
P35527	Keratin, type I cytoskeletal 9 (Cytokeratin-9) (CK-9) (Keratin-9) (K9)	KRT9	1219396.4	3026553.17	2.48200919	0.011255057
Q96C19	EF-hand domain-containing protein D2 (Swiprosin-1)	EFHD2	15525.976	38830.3752	2.50099408	0.004629646
P04196	Histidine-rich glycoprotein (Histidine-proline-rich glycoprotein) (HPRG)	HRG	1388304.3	3491901.53	2.51522774	0.008121804
P51693	Amyloid-like protein 1 (APLP) (APLP-1) [Cleaved into: C30]	APLP1	104232.74	264137.34	2.53411111	0.00136924
Q9BXN2	C-type lectin domain family 7 member A (Beta-glucan receptor) (C-type lectin superfamily member 12) (Dendritic cell-associated C-type lectin 1) (DC-associated C-type lectin 1) (Dectin-1) (CD antigen CD369)	CLEC7A	241159.57	611432.226	2.53538443	0.004352418
A6NL88	Protein shisa-7 (Cystine-knot AMPAR modulating protein of 59 kDa) (CKAMP59) (GABA (A) receptor auxiliary subunit Shisa7) (Protein shisa-6-like)	SHISA7	205482.15	521836.53	2.53957105	0.000386271
Q16849	Receptor-type tyrosine-protein phosphatase-like N (R-PTP-N) (Islet cell antigen 512) (ICA 512) (Islet cell autoantigen 3) (PTP IA-2) [Cleaved into: ICA512-N-terminal fragment (ICA512-NTF); ICA512-transmembrane fragment (ICA512-TMF); ICA512-cleaved cytosolic fragment (ICA512-CCF)]	PTPRN	4878532.5	12492908.4	2.56079229	0.011107444
P13645	Keratin, type I cytoskeletal 10 (Cytokeratin-10) (CK-10) (Keratin-10) (K10)	KRT10	1712573	4398891.06	2.56858604	0.022300391
P24347	Stromelysin-3 (SL-3) (ST3) (EC 3.4.24.-) (Matrix metalloproteinase-11) (MMP-11)	MMP11	1190665.2	3072324.29	2.58034271	0.023631683

O00322	Uroplakin-1a (UPIa) (Tetraspanin-21) (Tspan-21) (Uroplakin Ia) (UPIa) (UPKa)	UPK1A	69116.512	179286.981	2.5939819	0.010730715
Q8IY17	Neuropathy target esterase (EC 3.1.1.5) (Patatin-like phospholipase domain-containing protein 6)	PNPLA6	116880.81	306014.709	2.61817756	0.006004175
P15924	Desmoplakin (DP) (250/210 kDa paraneoplastic pemphigus antigen)	DSP	30915.72	81287.4503	2.6293242	0.016204019
O60635	Tetraspanin-1 (Tspan-1) (Tetraspan NET-1) (Tetraspanin TM4-C)	TSPAN1	254253	669549.824	2.63339991	0.008466214
Q5KU26	Collectin-12 (Collectin placenta protein 1) (CL-P1) (hCL-P1) (Nurse cell scavenger receptor 2) (Scavenger receptor class A member 4) (Scavenger receptor with C-type lectin)	COLEC12	3005693	7994521.13	2.65979294	0.001339698
P13647	Keratin, type II cytoskeletal 5 (58 kDa cytokeratin) (Cytokeratin-5) (CK-5) (Keratin-5) (K5) (Type-II keratin Kb5)	KRT5	103004.37	274128.875	2.66133242	0.023247185
P04259	Keratin, type II cytoskeletal 6B (Cytokeratin-6B) (CK-6B) (Keratin-6B) (K6B) (Type-II keratin Kb10)	KRT6B	582509.29	1565008.64	2.68666726	0.043498293
Q9BZG1	Ras-related protein Rab-34 (Ras-related protein Rab-39) (Ras-related protein Rah)	RAB34	8438.4006	22737.6797	2.69454851	0.020873286
Q9HCU0	Endosialin (Tumor endothelial marker 1) (CD antigen CD248)	CD248	2647385.5	7149544.97	2.7006059	1.80967E-05
Q9HCH3	Copine-5 (Copine V)	CPNE5	70541.753	194241.886	2.75357328	0.011425216
P98095	Fibulin-2 (FIBL-2)	FBLN2	1795143.2	5012143.99	2.79205802	0.004185463
Q9NY72	Sodium channel subunit beta-3	SCN3B	155996.68	435859.381	2.7940298	0.006283123
Q9Y3Q3	Transmembrane emp24 domain-containing protein 3 (Membrane protein p24B) (p24 family protein gamma-4) (p24gamma4) (p26)	TMED3	28230.001	79488.6148	2.81574961	2.13943E-05
P49747	Cartilage oligomeric matrix protein (COMP) (Thrombospondin-5) (TSP5)	COMP	3276939.6	9359645.13	2.85621531	0.001054804
Q5DX21	Immunoglobulin superfamily member 11 (IgSF11) (Brain and testis-specific immunoglobulin superfamily protein) (Bt-IGSF) (V-set and immunoglobulin domain-containing protein 3)	IGSF11	80594.119	230775.578	2.86342951	0.008014581

Q14847	LIM and SH3 domain protein 1 (LASP-1) (Metastatic lymph node gene 50 protein) (MLN 50)	LASP1	136729.83	405795.83	2.96786604	0.048414502
Q96FE5	Leucine-rich repeat and immunoglobulin-like domain-containing nogo receptor-interacting protein 1 (Leucine-rich repeat and immunoglobulin domain-containing protein 1) (Leucine-rich repeat neuronal protein 1) (Leucine-rich repeat neuronal protein 6A)	LINGO1	815517.44	2682007.82	3.28871917	0.013986952
P48745	CCN family member 3 (Cellular communication network factor 3) (Insulin-like growth factor-binding protein 9) (IBP-9) (IGF-binding protein 9) (IGFBP-9) (Nephro blastoma-overexpressed gene protein homolog) (Protein NOV homolog) (NovH)	CCN3	2015340.1	6655326.07	3.3023339	0.000164744
O15232	Matrilin-3	MATN3	124203.4	415815.547	3.34785967	0.000185189
Q7Z5L0	Vitelline membrane outer layer protein 1 homolog	VMO1	2754423.4	9434484.69	3.42521226	6.3959E-06
Q96RW7	Hemicentin-1 (Fibulin-6) (FIBL-6)	HMCN1	1064707.9	3667648.49	3.44474631	0.00010824
Q96P63	Serpin B12	SERPINB12	40786.167	141046.76	3.45820093	0.01480143
P02533	Keratin, type I cytoskeletal 14 (Cytokeratin-14) (CK-14) (Keratin-14) (K14)	KRT14	128473.6	492112.413	3.83045545	0.031160175
P12107	Collagen alpha-1 (XI) chain	COL11A1	1670622.4	7283174.69	4.35955778	0.001515512
Q9GZZ8	Extracellular glycoprotein lacritin	LACRT	264078.16	1415146.29	5.35881607	0.043919057
P08779	Keratin, type I cytoskeletal 16 (Cytokeratin-16) (CK-16) (Keratin-16) (K16)	KRT16	42756.103	290905.11	6.8038266	0.03296128
P31151	Protein S100-A7 (Psoriasin) (S100 calcium-binding protein A7)	S100A7	48470.021	453257.616	9.3512981	0.008427232

The numbers represent the abundance of each protein. AHSP, abdominal type Henoch-Schonlein purpura; HC, healthy control.