

Identification and quantification details for the urine proteome.

The numbers represent the abundance of each protein. ASD, autism spectrum disorder; HC, healthy control. Ratio of ASD/HC represents average of ASD/ average of HC. A comparison of proteins between ASD and HC group was conducted using independent samples t-test.

Uniprot Accession	Protein description	Gene name	Average of HC	Average of ASD	Ratio of ASD/HC	P value
P02750	Leucine-rich alpha-2-glycoprotein	LRG1	444540.58	2746384.18	6.178	0.2223
P11684	Uteroglobin	SCGB1A1	77200.57	356875.39	4.623	0.534
Q92945	Far upstream element-binding protein 2	KHSRP	157512.61	556708.72	3.534	0.2982
P02652	Apolipoprotein A-II	APOA2	76265.59	219988.95	2.885	0.1463
P08236	Beta-glucuronidase	GUSB	96313.44	249364.71	2.589	0.1707
A0A075B6J9	Immunoglobulin lambda variable 2-18	IGLV2-18	97813.61	249973.11	2.556	0.2173
P48551	Interferon alpha/beta receptor 2	IFNAR2	36765.95	77587.98	2.11	0.2129
P17987	T-complex protein 1 subunit alpha	TCP1	39800.44	80985.24	2.035	0.3551
Q03154	Aminoacylase-1	ACY1	168609.63	339975.99	2.016	0.124
Q93088	Betaine--homocysteine S-methyltransferase 1	BHMT	261373.73	522210.21	1.998	0.1176
P23526	Adenosylhomocysteinase	AHCY	43317.55	84432.46	1.949	0.1184
P01871	Immunoglobulin heavy constant mu	IGHM	1395332.11	2697474.47	1.933	0.2384
P00738	Haptoglobin	HP	64957.01	125514.7	1.932	0.5552
P02647	Apolipoprotein A-I	APOA1	328355.58	632969.8	1.928	0.2777
P51884	Lumican	LUM	527495.2	983262.86	1.864	0.0821
P19801	Amiloride-sensitive amine oxidase	AOC1	40489.82	75275.68	1.859	0.2235
P23470	Receptor-type tyrosine-protein phosphatase gamma	PTPRG	95555.12	176071.26	1.843	0.0209

P02787	Serotransferrin	TF	3327226.9	6085829.76	1.829	0.080 2
P02788	Lactotransferrin	LTF	49270.94	89704.77	1.821	0.494 6
P05062	Fructose-bisphosphate aldolase B	ALDOB	643729.38	1170890.36	1.819	0.215 6
Q07075	Glutamyl aminopeptidase	ENPEP	49845.06	89363.3	1.793	0.247 3
Q99983	Osteomodulin	OMD	223052.81	394550.08	1.769	0.015
P12955	Xaa-Pro dipeptidase	PEPD	41729.17	72839.43	1.746	0.108 6
P06702	Protein S100-A9	S100A9	118500.27	205156.87	1.731	0.372 3
P55287	Cadherin-11	CDH11	375561.84	648768.56	1.727	0.163 3
P14550	Aldo-keto reductase family 1 member A1	AKR1A1	85350.53	145989.77	1.71	0.294 4
P02790	Hemopexin	HPX	1529602.49	2605777.63	1.704	0.082 2
P59665	Neutrophil defensin 1	DEFA1	670027.83	1137818.06	1.698	0.543 1
P00491	Purine nucleoside phosphorylase	PNP	32909.02	55599.49	1.689	0.125 2
Q96PX8	SLIT and NTRK-like protein 1	SLITRK1	292892.84	489869.57	1.673	0.073 7
Q15907	Ras-related protein Rab-11B	RAB11B	38456.94	64282.43	1.672	0.341 3
P24298	Alanine aminotransferase 1	GPT	24894.87	41179.37	1.654	0.564 8
P23142	Fibulin-1	FBLN1	343215.61	566433.64	1.65	0.056 6
P09467	Fructose-1,6-bisphosphatase 1	FBP1	130077.78	214285.13	1.647	0.142
Q8N126	Cell adhesion molecule 3	CADM3	24392.77	39766.68	1.63	0.243 1
P08185	Corticosteroid-binding globulin	SERPINA6	622593.89	1000737.97	1.607	0.168 9
P05109	Protein S100-A8	S100A8	152431.37	243566.77	1.598	0.430 4
Q9UBC9	Small proline-rich protein 3	SPRR3	84514.04	133929.3	1.585	0.652
Q14019	Coactosin-like protein	COTL1	134217.19	212145.69	1.581	0.065 7

P13796	Plastin-2	LCP1	36527.98	57618.55	1.577	0.428 1
P20338	Ras-related protein Rab-4A	RAB4A	42251.95	66324.65	1.57	0.543 8
Q13449	Limbic system-associated membrane protein	LSAMP	57634.05	89865.53	1.559	0.247 9
Q9P0K1	Disintegrin and metalloproteinase domain-containing protein 22	ADAM22	56003.75	87017.21	1.554	0.121 7
O43707	Alpha-actinin-4	ACTN4	35525.75	55067.83	1.55	0.229 1
P05787	Keratin, type II cytoskeletal 8	KRT8	76427.64	116740.43	1.527	0.497 9
Q16769	GlutaminyI-peptide cyclotransferase	QPCT	1241814.43	1859947.09	1.498	0.061 4
Q96PD5	N-acetylmuramoyl-L-alanine amidase	PGLYRP2	452706.4	674510.31	1.49	0.273 8
P20160	Azurocidin	AZU1	17377.37	25888.28	1.49	0.689 1
P00450	Ceruloplasmin	CP	644455.75	958161.51	1.487	0.177
P41271	Neuroblastoma suppressor of tumorigenicity 1	NBL1	226962.48	332763.2	1.466	0.255 5
P21695	Glycerol-3-phosphate dehydrogenase	GPD1	26385.87	38632.91	1.464	0.268 9
Q9Y2S2	Lambda-crystallin homolog	CRYL1	33080.25	48160.29	1.456	0.308 3
P08571	Monocyte differentiation antigen CD14	CD14	2240760.42	3257883.71	1.454	0.285 6
Q9UGT4	Sushi domain-containing protein 2	SUSD2	506442.78	734412.68	1.45	0.120 2
P30740	Leukocyte elastase inhibitor	SERPINB1	17926.64	25941.46	1.447	0.456 2
Q96KP4	Cytosolic non-specific dipeptidase	CNDP2	57848.04	83294.29	1.44	0.383 5
P49189	4-trimethylaminobutyraldehyde dehydrogenase	ALDH9A1	36764.21	52853.82	1.438	0.191 3
P04075	Fructose-bisphosphate aldolase A	ALDOA	117515.98	167924.3	1.429	0.172 9
P04196	Histidine-rich glycoprotein	HRG	417848.94	593641.42	1.421	0.196

P01721	Immunoglobulin lambda variable 6-57	IGLV6-57	115343.62	162913.8	1.412	0.487 2
P61158	Actin-related protein 3	ACTR3	18635.44	26214.43	1.407	0.358 9
P29401	Transketolase	TKT	15934.43	22254.67	1.397	0.508 9
P69905	Hemoglobin subunit alpha	HBA1	554834.24	771451.1	1.39	0.583 4
Q9HCN6	Platelet glycoprotein VI	GP6	445396.19	619211.36	1.39	0.278 9
P01714	Immunoglobulin lambda variable 3-19	IGLV3-19	200989.22	278454.47	1.385	0.529 4
P31150	Rab GDP dissociation inhibitor alpha	GDI1	18283.8	25268.5	1.382	0.012 6
P00915	Carbonic anhydrase 1	CA1	138836.77	191717.9	1.381	0.791
P22891	Vitamin K-dependent protein Z	PROZ	509726.45	696589.21	1.367	0.306 4
P00966	Argininosuccinate synthase	ASS1	112350.2	153440.49	1.366	0.547 4
P08311	Cathepsin G	CTSG	16749.37	22711.14	1.356	0.719 5
Q96C23	Galactose mutarotase	GALM	76446.62	103650.12	1.356	0.497 3
Q08257	Quinone oxidoreductase	CRYZ	27708.91	37504.68	1.354	0.195 1
O95154	Aflatoxin B1 aldehyde reductase member 3	AKR7A3	25685.47	34695.99	1.351	0.406 8
Q6P531	Glutathione hydrolase 6	GGT6	84321.5	113631.7	1.348	0.224 3
Q9BX67	Junctional adhesion molecule C	JAM3	193225.41	259394.16	1.342	0.205 9
Q01469	Fatty acid-binding protein 5	FABP5	141975.83	190244.72	1.34	0.603 3
P98095	Fibulin-2	FBLN2	603111.9	800169.19	1.327	0.348 7
P31949	Protein S100-A11	S100A11	91530.63	121121.65	1.323	0.348
Q7Z4W1	L-xylulose reductase	DCXR	39157.51	51627.84	1.318	0.395 6
P19652	Alpha-1-acid glycoprotein 2	ORM2	2232659.62	2941465.85	1.317	0.643 6

Q12907	Vesicular integral-membrane protein VIP36	LMAN2	11995418.5 4	15752304.9 9	1.313	0.302
P55291	Cadherin-15	CDH15	129849.77	170370.24	1.312	0.417
P12273	Prolactin-inducible protein	PIP	354497.54	464837.36	1.311	0.490 9
P02763	Alpha-1-acid glycoprotein 1	ORM1	2533511.63	3318227.92	1.31	0.753 4
P07602	Prosaposin	PSAP	15912981.1 9	20790709.7 4	1.307	0.352 6
Q9BUT1	3-hydroxybutyrate dehydrogenase type 2	BDH2	34735.48	45042.44	1.297	0.430 3
Q14624	Inter-alpha-trypsin inhibitor heavy chain H4	ITIH4	2643522.88	3421583.52	1.294	0.199 3
Q9NZP8	Complement C1r subcomponent-like protein	C1RL	2007344.04	2584413.95	1.287	0.202 2
O75936	Gamma-butyrobetaine dioxygenase	BBOX1	30161.66	38749.94	1.285	0.539 2
Q14116	Interleukin-18	IL18	11727.77	15061.38	1.284	0.366
P35237	Serpin B6	SERPINB6	28732.76	36879.77	1.284	0.402 7
Q08345	Epithelial discoidin domain-containing receptor 1	DDR1	274137.88	351649.98	1.283	0.222
Q3LXA3	Triokinase/FMN cyclase	TKFC	21429.07	27480.54	1.282	0.592 1
P13727	Bone marrow proteoglycan	PRG2	1133704.42	1444805.03	1.274	0.649 3
Q9Y5F6	Protocadherin gamma-C5	PCDHGC5	63430.07	80764.61	1.273	0.339 2
P05090	Apolipoprotein D	APOD	8803162.75	11173093.4 3	1.269	0.326 5
P21399	Cytoplasmic aconitate hydratase	ACO1	16540.24	20860.85	1.261	0.601 6
Q01973	Inactive tyrosine-protein kinase transmembrane receptor ROR1	ROR1	365399.92	460150.55	1.259	0.243 5
P15428	15-hydroxyprostaglandin dehydrogenase	HPGD	28228.67	35470.62	1.257	0.543 1

P31946	14-3-3 protein beta/alpha	YWHAB	80530.17	101167.99	1.256	0.259 3
Q99497	Parkinson disease protein 7	PARK7	58159.41	72906.25	1.254	0.229 2
Q15274	Nicotinate-nucleotide pyrophosphorylase	QPRT	67506.81	84556.68	1.253	0.344 1
P09211	Glutathione S-transferase P	GSTP1	110220.15	138025.74	1.252	0.296 7
Q02487	Desmocollin-2	DSC2	125767.99	156761.97	1.246	0.468 2
P08519	Apolipoprotein	LPA	1443966.5	1798364.17	1.245	0.510 3
Q9BTY2	Plasma alpha-L-fucosidase	FUCA2	40057.01	49739.83	1.242	0.449 5
Q15223	Nectin-1	NECTIN1	175667.75	218017.55	1.241	0.31
P68871	Hemoglobin subunit beta	HBB	457602.8	566956.67	1.239	0.725 4
Q99519	Sialidase-1	NEU1	249599.07	308744.39	1.237	0.276 5
Q8TF66	Leucine-rich repeat-containing protein 15	LRRC15	540050.46	667024.18	1.235	0.296 3
Q9H159	Cadherin-19	CDH19	83346.92	102811.11	1.234	0.296 5
P34896	Serine hydroxymethyltransferase, cytosolic	SHMT1	44474.05	54734.95	1.231	0.686 3
Q8N6Q3	CD177 antigen	CD177	224062.93	274711.87	1.226	0.629 1
P61626	Lysozyme C	LYZ	82815.33	101476.33	1.225	0.486 7
O94919	Endonuclease domain-containing 1 protein	ENDOD1	256036.21	310692.29	1.213	0.590 3
P09210	Glutathione S-transferase A2	GSTA2	229806.5	278700.01	1.213	0.619
P12429	Annexin A3	ANXA3	17908.01	21635.65	1.208	0.7
Q96IU4	Protein ABHD14B	ABHD14B	90887.36	109402.36	1.204	0.618 1
P63261	Actin, cytoplasmic 2	ACTG1	1851726.52	2227408.15	1.203	0.553 2
A0A075B6R2	Immunoglobulin heavy variable 4-4	IGHV4-4	165577.9	198482.78	1.199	0.508

P07237	Protein disulfide-isomerase	P4HB	33177.78	39759.19	1.198	0.351 4
Q13308	Inactive tyrosine-protein kinase 7	PTK7	100317.75	120199.09	1.198	0.183 6
P31997	Carcinoembryonic antigen-related cell adhesion molecule 8	CEACAM8	32483.82	38893.66	1.197	0.787
P32754	4-hydroxyphenylpyruvate dioxygenase	HPD	22977.91	27391.67	1.192	0.593 8
P50395	Rab GDP dissociation inhibitor beta	GDI2	33902.51	40408.39	1.192	0.341 8
Q9Y617	Phosphoserine aminotransferase	PSAT1	21541	25669.43	1.192	0.679 7
P82980	Retinol-binding protein 5	RBP5	65756.92	78174.67	1.189	0.571 7
Q9UNE0	Tumor necrosis factor receptor superfamily member EDAR	EDAR	73023.79	86573.2	1.186	0.632 2
P08195	4F2 cell-surface antigen heavy chain	SLC3A2	110012.55	130279.58	1.184	0.379 8
P52209	6-phosphogluconate dehydrogenase, decarboxylating	PGD	22975.07	27136.82	1.181	0.616 6
Q96NY8	Nectin-4	NECTIN4	743718.89	876917.14	1.179	0.293 4
P04156	Major prion protein	PRNP	2157204.27	2538045.2	1.177	0.507 1
Q15828	Cystatin-M	CST6	1320340.81	1553032.98	1.176	0.611 7
Q9H4A4	Aminopeptidase B	RNPEP	285353.3	334969.76	1.174	0.730 5
Q99536	Synaptic vesicle membrane protein VAT-1 homolog	VAT1	30738.26	35951.23	1.17	0.580 4
P55072	Transitional endoplasmic reticulum ATPase	VCP	14357.34	16778.5	1.169	0.685 3
A6NL88	Protein shisa-7	SHISA7	88990.26	103953.6	1.168	0.526 7

Q6PK18	2-oxoglutarate and iron-dependent oxygenase domain-containing protein 3	OGFOD3	99173.37	115777.44	1.167	0.435 6
P32189	Glycerol kinase	GK	18167.25	21163.25	1.165	0.698 5
P30530	Tyrosine-protein kinase receptor UFO	AXL	6435030.29	7479043.16	1.162	0.545 8
P17936	Insulin-like growth factor-binding protein 3	IGFBP3	283324.07	329056.24	1.161	0.576 5
P15121	Aldo-keto reductase family 1 member B1	AKR1B1	43700.06	50516.97	1.156	0.707 5
P06744	Glucose-6-phosphate isomerase	GPI	19288.38	22259.01	1.154	0.663 7
P01834	Immunoglobulin kappa constant	IGKC	7880725.06	9092366.1	1.154	0.675 4
O75083	WD repeat-containing protein 1	WDR1	28389.2	32622.92	1.149	0.671 8
Q8NFZ8	Cell adhesion molecule 4	CADM4	3731000.49	4287350.52	1.149	0.55
O00187	Mannan-binding lectin serine protease 2	MASP2	6895458.3	7902145.13	1.146	0.715
Q9Y4C0	Neurexin-3	NRXN3	70846.49	80918.05	1.142	0.627 5
O95336	6-phosphogluconolactonase	PGLS	583111.45	665972.9	1.142	0.634 5
P05543	Thyroxine-binding globulin	SERPINA7	489991.8	556489.24	1.136	0.615 1
P61981	14-3-3 protein gamma	YWHAG	27105.37	30727.45	1.134	0.726 6
P05783	Keratin, type I cytoskeletal 18	KRT18	54738.93	61903.55	1.131	0.819 2
P11597	Cholesteryl ester transfer protein	CETP	121304.13	137021.15	1.13	0.760 4
P49419	Alpha-aminoadipic semialdehyde dehydrogenase	ALDH7A1	23527.43	26567.37	1.129	0.676 5
P55285	Cadherin-6	CDH6	296342.31	334262.49	1.128	0.562 8
A0A0A0MS1 5	Immunoglobulin heavy variable 3-49	IGHV3-49	68795.02	77544.31	1.127	0.617 8

Q9BRK3	Matrix remodeling-associated protein 8	MXRA8	6151179.93	6928425.92	1.126	0.622 4
Q9NPH3	Interleukin-1 receptor accessory protein	IL1RAP	54947.74	61777.84	1.124	0.397 2
Q9BR76	Coronin-1B	CORO1B	16599.85	18648.43	1.123	0.668 6
P01591	Immunoglobulin J chain	JCHAIN	930812	1045105.55	1.123	0.615 9
P35558	Phosphoenolpyruvate carboxykinase, cytosolic	PCK1	23996.58	26909.74	1.121	0.782 8
P01008	Antithrombin-III	SERPINC1	86628.13	97141.53	1.121	0.474 5
O75874	Isocitrate dehydrogenase [NADP] cytoplasmic	IDH1	124654.22	139555.28	1.12	0.694 5
P06733	Alpha-enolase	ENO1	175111.72	195946.37	1.119	0.642
P07195	L-lactate dehydrogenase B chain	LDHB	384570.62	429352.04	1.116	0.701 8
Q12794	Hyaluronidase-1	HYAL1	47873.1	53414.79	1.116	0.578 5
P48594	Serpin B4	SERPINB4	132181.79	146957.98	1.112	0.582 8
Q00796	Sorbitol dehydrogenase	SORD	62753.55	69588.87	1.109	0.794 7
Q6UVK1	Chondroitin sulfate proteoglycan 4	CSPG4	2079677.13	2303254.56	1.108	0.622 6
Q13477	Mucosal addressin cell adhesion molecule 1	MADCAM1	1806348.51	1997837.19	1.106	0.695 1
Q9Y6R7	IgGFc-binding protein	FCGBP	19492.58	21533.04	1.105	0.721 6
O94760	N(G),N(G)-dimethylarginine dimethylaminohydrolase 1	DDAH1	37615.77	41534.44	1.104	0.696 5
P08246	Neutrophil elastase	ELANE	118738.32	130716.79	1.101	0.914 3
P06312	Immunoglobulin kappa variable 4-1	IGKV4-1	436163.87	479835.99	1.1	0.777 4
Q7Z3B1	Neuronal growth regulator 1	NEGR1	246291.68	270776.63	1.099	0.703 6

P59998	Actin-related protein 2/3 complex subunit 4	ARPC4	26363.76	28923.47	1.097	0.829 2
P43121	Cell surface glycoprotein MUC18	MCAM	245036.52	268631.16	1.096	0.515 9
P00533	Epidermal growth factor receptor	EGFR	12613.28	13816.18	1.095	0.640 7
P12821	Angiotensin-converting enzyme	ACE	27036.99	29602.95	1.095	0.741 4
P04217	Alpha-1B-glycoprotein	A1BG	2690025.2	2940990.36	1.093	0.811 7
Q5T2W1	Na(+)/H(+) exchange regulatory cofactor NHE-RF3	PDZK1	26905.51	29412.92	1.093	0.818 3
P18669	Phosphoglycerate mutase 1	PGAM1	66689.3	72830.75	1.092	0.748 6
P37837	Transaldolase	TALDO1	28218.03	30806.9	1.092	0.785 7
O15197	Ephrin type-B receptor 6	EPHB6	126005.12	137459.13	1.091	0.548 9
Q6UY11	Protein delta homolog 2	DLK2	346535.9	377583.64	1.09	0.675 6
O75309	Cadherin-16	CDH16	49640.22	54055.93	1.089	0.669 6
P16930	Fumarylacetoacetase	FAH	56823.64	61877.66	1.089	0.737
P29622	Kallistatin	SERPINA4	147179.93	160038.41	1.087	0.75
P13598	Intercellular adhesion molecule 2	ICAM2	901015.71	976666.64	1.084	0.710 6
Q14914	Prostaglandin reductase 1	PTGR1	24127.43	26151.55	1.084	0.701 6
P13489	Ribonuclease inhibitor	RNH1	26236.13	28397.88	1.082	0.724 3
P09958	Furin	FURIN	30742.1	33268.28	1.082	0.817 5
Q969H8	Myeloid-derived growth factor	MYDGF	50243.27	54359.82	1.082	0.783
Q99574	Neuroserpin	SERPINI1	148562.92	160542.1	1.081	0.553 9
Q9GZX9	Twisted gastrulation protein homolog 1	TWSG1	1435533.39	1551109.48	1.081	0.687 5
P12109	Collagen alpha-1	COL6A1	3590165.38	3850866.64	1.073	0.801 6

P47756	F-actin-capping protein subunit beta	CAPZB	30094.43	32256.18	1.072	0.746 8
P35579	Myosin-9	MYH9	10502.45	11253.24	1.071	0.877 7
P15309	Prostatic acid phosphatase	ACP3	477886.58	511158.62	1.07	0.743
Q8WWZ8	Oncoprotein-induced transcript 3 protein	OIT3	28669.52	30656.59	1.069	0.692 3
P32119	Peroxiredoxin-2	PRDX2	58534.05	62589.56	1.069	0.767 4
P50895	Basal cell adhesion molecule	BCAM	412631.35	440337.69	1.067	0.666 5
P02765	Alpha-2-HS-glycoprotein	AHSG	4002940.47	4270011.63	1.067	0.846 9
Q96PC5	Melanoma inhibitory activity protein 2	MIA2	38939.03	41517.15	1.066	0.729 7
P06753	Tropomyosin alpha-3 chain	TPM3	23879.65	25392.8	1.063	0.832 5
P10909	Clusterin	CLU	3115096.11	3305302.92	1.061	0.838 3
P07911	Uromodulin	UMOD	163045263. 3	172549755. 5	1.058	0.869
P36871	Phosphoglucomutase-1	PGM1	12182.54	12875.03	1.057	0.842
P54802	Alpha-N-acetylglucosaminidase	NAGLU	392920.76	415115.17	1.056	0.821 9
P17813	Endoglin	ENG	84493.9	89041.27	1.054	0.757 5
Q06323	Proteasome activator complex subunit 1	PSME1	16564.58	17410.72	1.051	0.875 8
O75891	Cytosolic 10-formyltetrahydrofolate dehydrogenase	ALDH1L1	29335.56	30815.05	1.05	0.915 2
P04066	Tissue alpha-L-fucosidase	FUCA1	117579.94	123294.17	1.049	0.828 5
Q08334	Interleukin-10 receptor subunit beta	IL10RB	108586.9	113798.53	1.048	0.803 1
Q9NZT1	Calmodulin-like protein 5	CALML5	104900.11	109545.59	1.044	0.946 4
P28838	Cytosol aminopeptidase	LAP3	13617.32	14214.71	1.044	0.905 6

P16083	Ribosylidihyronicotinamide dehydrogenase [quinone]	NQO2	69408.9	72352.12	1.042	0.844 2
Q92485	Acid sphingomyelinase-like phosphodiesterase 3b	SMPDL3B	59693.04	62071.16	1.04	0.89
O43895	Xaa-Pro aminopeptidase 2	XPNPEP2	67652.62	70201.66	1.038	0.899 5
Q96J84	Kin of IRRE-like protein 1	KIRREL1	238429.94	247316.09	1.037	0.808 1
Q9UIB8	SLAM family member 5	CD84	529088.93	547268.92	1.034	0.849 2
P30041	Peroxiredoxin-6	PRDX6	69004	71203.58	1.032	0.871 7
Q9H741	SREBP regulating gene protein	SPRING1	20332.3	20927.54	1.029	0.832 1
Q96DA0	Zymogen granule protein 16 homolog B	ZG16B	1203910.34	1238719.71	1.029	0.920 4
P01717	Immunoglobulin lambda variable 3-25	IGLV3-25	154969.21	159407.8	1.029	0.932 2
Q8WW52	Protein FAM151A	FAM151A	64487.2	66159.66	1.026	0.911 7
P52565	Rho GDP-dissociation inhibitor 1	ARHGDI1	44023.58	45080.11	1.024	0.875 5
O43278	Kunitz-type protease inhibitor 1	SPINT1	306694.3	313752.16	1.023	0.858
P08637	Low affinity immunoglobulin gamma Fc region receptor III-A	FCGR3A	1736217.98	1774679.07	1.022	0.926 3
Q9H461	Frizzled-8	FZD8	178214.28	181504.21	1.018	0.897 5
Q15375	Ephrin type-A receptor 7	EPHA7	161754.34	164495.39	1.017	0.892 9
Q9UNN8	Endothelial protein C receptor	PROCR	6331577.64	6436790.01	1.017	0.926 8
Q06830	Peroxiredoxin-1	PRDX1	396079.13	402422.58	1.016	0.936 6
P0DOX7	Immunoglobulin kappa light chain		10370686.7 5	10531853.9 4	1.016	0.966
Q14894	Ketimine reductase mu-crystallin	CRYM	17348.13	17558.44	1.012	0.962 5

Q6GTX8	Leukocyte-associated immunoglobulin-like receptor 1	LAIR1	5766721.94	5816954.66	1.009	0.975 1
P17174	Aspartate aminotransferase, cytoplasmic	GOT1	47043.34	47377.32	1.007	0.979 3
A0A0B4J1X5	Immunoglobulin heavy variable 3-74	IGHV3-74	205950.42	207348.27	1.007	0.980 2
A6NGN9	IgLON family member 5	IGLON5	94047.8	94515.17	1.005	0.979 3
Q9NQR4	Omega-amidase NIT2	NIT2	27417.82	27537.67	1.004	0.991 4
P02743	Serum amyloid P-component	APCS	105127.93	105524.87	1.004	0.992 9
P16444	Dipeptidase 1	DPEP1	587769.43	588701.95	1.002	0.995 1
P42702	Leukemia inhibitory factor receptor	LIFR	36539.02	36573.8	1.001	0.994
P26927	Hepatocyte growth factor-like protein	MST1	278439.68	278679.54	1.001	0.996 5
A0A0C4DH38	Immunoglobulin heavy variable 5-51	IGHV5-51	171643.86	171785.01	1.001	0.998 1
Q5JS37	NHL repeat-containing protein 3	NHLRC3	94232.51	94294.22	1.001	0.996 8
P62258	14-3-3 protein epsilon	YWHAE	83761.87	83736.04	1	0.998 7
Q9Y2T3	Guanine deaminase	GDA	22237.66	22208.51	0.999	0.996 8
P07737	Profilin-1	PFN1	156113.41	155729.74	0.998	0.992 7
P04080	Cystatin-B	CSTB	82635.54	82401.48	0.997	0.993 4
P00390	Glutathione reductase, mitochondrial	GSR	65651.03	65282	0.994	0.982 4
Q5UCC4	ER membrane protein complex subunit 10	EMC10	47377.99	47099.43	0.994	0.968 7
Q86V85	Integral membrane protein GPR180	GPR180	47591.43	47243.9	0.993	0.958 2
Q16651	Prostasin	PRSS8	1429059.39	1418173.81	0.992	0.956 5
Q9NPG4	Protocadherin-12	PCDH12	111530.3	110601.2	0.992	0.971 6

P04040	Catalase	CAT	22679.06	22398.02	0.988	0.954
P15151	Poliovirus receptor	PVR	784472.84	773434.77	0.986	0.956 3
Q15493	Regucalcin	RGN	19226.72	18954.89	0.986	0.957 8
P21266	Glutathione S-transferase Mu 3	GSTM3	68351.54	67026.82	0.981	0.933 3
Q99523	Sortilin	SORT1	60615.94	59423.86	0.98	0.872 4
P54760	Ephrin type-B receptor 4	EPHB4	430246.18	421276.07	0.979	0.893 5
P00338	L-lactate dehydrogenase A chain	LDHA	52162.22	50998.2	0.978	0.945 4
O95998	Interleukin-18-binding protein	IL18BP	5044963.73	4929801.04	0.977	0.919 3
Q92765	Secreted frizzled-related protein 3	FRZB	123259.93	120436.43	0.977	0.947 7
P68431	Histone H3.1	H3C1	135287.19	131966.51	0.975	0.964 3
P09871	Complement C1s subcomponent	C1S	54513.22	53017.69	0.973	0.890 2
O00401	Neural Wiskott-Aldrich syndrome protein	WASL	280750.28	273015.49	0.972	0.953 9
P25815	Protein S100-P	S100P	252392.95	245222.6	0.972	0.934 3
Q9UBR2	Cathepsin Z	CTSZ	292078.89	283729.97	0.971	0.938
P22223	Cadherin-3	CDH3	65756.59	63842.16	0.971	0.937 5
P35606	Coatomer subunit beta'	COPB2	24902.98	24148.2	0.97	0.848 2
P16870	Carboxypeptidase E	CPE	319360.23	309336.84	0.969	0.843 8
O00533	Neural cell adhesion molecule L1-like protein	CHL1	191073.27	184849.03	0.967	0.918 3
Q53RD9	Fibulin-7	FBLN7	342910.01	331603.73	0.967	0.889 3
P15328	Folate receptor alpha	FOLR1	1530171.18	1476240.68	0.965	0.857 8
Q8WZ75	Roundabout homolog 4	ROBO4	3805645.05	3667266.92	0.964	0.855 6

Q8IUK5	Plexin domain-containing protein 1	PLXDC1	124325.85	119788.77	0.964	0.8305
P11021	Endoplasmic reticulum chaperone BiP	HSPA5	49792.97	47955.58	0.963	0.7974
P61106	Ras-related protein Rab-14	RAB14	48928.07	47078.39	0.962	0.8311
Q08174	Protocadherin-1	PCDH1	454871.55	437638.64	0.962	0.8275
P00918	Carbonic anhydrase 2	CA2	194266.95	186431.53	0.96	0.8554
Q03591	Complement factor H-related protein 1	CFHR1	137983.2	132367.46	0.959	0.8484
P05937	Calbindin	CALB1	121284.86	115809.78	0.955	0.8916
P50990	T-complex protein 1 subunit theta	CCT8	12176.04	11626.18	0.955	0.8684
P05155	Plasma protease C1 inhibitor	SERPING1	5616910.01	5351697.1	0.953	0.7377
Q68D85	Natural cytotoxicity triggering receptor 3 ligand 1	NCR3LG1	156706.63	148985.04	0.951	0.7728
P36897	TGF-beta receptor type-1	TGFBR1	89851.21	85303.03	0.949	0.8379
Q86UN3	Reticulon-4 receptor-like 2	RTN4RL2	433325.86	411256.34	0.949	0.7034
O43505	Beta-1,4-glucuronyltransferase 1	B4GAT1	343897.44	326076.95	0.948	0.8641
P55290	Cadherin-13	CDH13	3011489.08	2849805.53	0.946	0.8277
Q92692	Nectin-2	NECTIN2	1083530.21	1024460.53	0.945	0.8153
O95297	Myelin protein zero-like protein 1	MPZL1	50150.38	47308.89	0.943	0.7126
Q9BY67	Cell adhesion molecule 1	CADM1	2985501.95	2815573.78	0.943	0.7593
Q86T13	C-type lectin domain family 14 member A	CLEC14A	467383.39	439986.64	0.941	0.6861
P25311	Zinc-alpha-2-glycoprotein	AZGP1	9584182.42	9021546.27	0.941	0.9389
Q9UKU6	Thyrotropin-releasing hormone-degrading ectoenzyme	TRHDE	79736.81	75039.22	0.941	0.7492

Q9UBG0	C-type mannose receptor 2	MRC2	88103.52	82910.08	0.941	0.707 5
P68371	Tubulin beta-4B chain	TUBB4B	37985.99	35702.2	0.94	0.771 1
A0A0B4J1Y8	Immunoglobulin lambda variable 9-49	IGLV9-49	10770278.4 3	10117602.4 8	0.939	0.873
P01009	Alpha-1-antitrypsin	SERPINA1	2394978.74	2246355.54	0.938	0.778 6
Q8NDA2	Hemicentin-2	HMCN2	349111.96	327303.33	0.938	0.769 1
Q96DG6	Carboxymethylenebutenolidase homolog	CMBL	107716.9	100971.14	0.937	0.863 3
P26992	Ciliary neurotrophic factor receptor subunit alpha	CNTFR	143937.1	134905.84	0.937	0.673
A0A0C4DH6 8	Immunoglobulin kappa variable 2-24	IGKV2-24	936258.82	876040.89	0.936	0.864 8
P06731	Carcinoembryonic antigen-related cell adhesion molecule 5	CEACAM5	155003.66	145023.51	0.936	0.810 7
P06703	Protein S100-A6	S100A6	542147.9	507023.93	0.935	0.793 2
P30043	Flavin reductase	BLVRB	46749.73	43526.01	0.931	0.732 3
Q7Z7M0	Multiple epidermal growth factor-like domains protein 8	MEGF8	136736.94	127270.57	0.931	0.771 7
P63104	14-3-3 protein zeta/delta	YWHAZ	76403.84	71050.69	0.93	0.693
P00568	Adenylate kinase isoenzyme 1	AK1	23595.76	21907.17	0.928	0.624 9
Q5IJ48	Protein crumbs homolog 2	CRB2	126222.55	117178.98	0.928	0.656
Q9Y653	Adhesion G-protein coupled receptor G1	ADGRG1	100397.51	93195.77	0.928	0.671 2
Q9UMR5	Lysosomal thioesterase PPT2	PPT2	35010.64	32444.4	0.927	0.745 7
P01042	Kininogen-1	KNG1	30686982.2 5	28429919.2 8	0.926	0.589
Q99795	Cell surface A33 antigen	GPA33	32744.34	30274.48	0.925	0.924 6
P01011	Alpha-1-antichymotrypsin	SERPINA3	2266208.89	2094288.78	0.924	0.760 1

P01780	Immunoglobulin heavy variable 3-7	IGHV3-7	513214.5	473981.39	0.924	0.560 7
P29508	Serpin B3	SERPINB3	114212.6	105453.49	0.923	0.879 3
P55286	Cadherin-8	CDH8	134718.34	124256.71	0.922	0.712 6
Q6UXB8	Peptidase inhibitor 16	PI16	829005.8	764505.12	0.922	0.838 6
Q8TB96	T-cell immunomodulatory protein	ITFG1	146648.8	135210.39	0.922	0.578 6
Q9BRK5	45 kDa calcium-binding protein	SDF4	79582.62	73357.04	0.922	0.679
Q9Y3Q3	Transmembrane emp24 domain-containing protein 3	TMED3	28524.49	26249.42	0.92	0.631 8
P28066	Proteasome subunit alpha type-5	PSMA5	25447.6	23404.05	0.92	0.735 3
O75144	ICOS ligand	ICOSLG	1609182.82	1478735.35	0.919	0.705 7
P05452	Tetranectin	CLEC3B	2073137.96	1895611.24	0.914	0.658 2
Q9NY72	Sodium channel subunit beta-3	SCN3B	62784.5	57024.76	0.908	0.671 4
P0COL5	Complement C4-B	C4B	630329.63	571610.68	0.907	0.727 6
Q7Z4R8	UPF0669 protein C6orf120	C6orf120	115909.49	104870.13	0.905	0.627 3
O75487	Glypican-4	GPC4	94278.29	85294.45	0.905	0.662 4
P01764	Immunoglobulin heavy variable 3-23	IGHV3-23	849820.93	768012.3	0.904	0.631 5
Q8N307	Mucin-20	MUC20	277001.46	250178.52	0.903	0.704 8
B9A064	Immunoglobulin lambda-like polypeptide 5	IGLL5	4814274.52	4334253.15	0.9	0.781 5
P11766	Alcohol dehydrogenase class-3	ADH5	36477.68	32695.63	0.896	0.629 4
Q86YT9	Junctional adhesion molecule-like	JAML	19840.87	17779.66	0.896	0.730 9
A0A0C4DH3 2	Immunoglobulin heavy variable 3-20	IGHV3-20	953801.41	852407.48	0.894	0.563 3
P55786	Puromycin-sensitive aminopeptidase	NPEPPS	12816.98	11450.34	0.893	0.729 7

Q14982	Opioid-binding protein/cell adhesion molecule	OPCML	1026509.22	916712.98	0.893	0.595 2
Q8NE01	Metal transporter CNNM3	CNNM3	60357.13	53883.35	0.893	0.476 3
P02042	Hemoglobin subunit delta	HBD	153044.83	136616.84	0.893	0.802
A0A0B4J1V6	Immunoglobulin heavy variable 3-73	IGHV3-73	281676.05	251390.06	0.892	0.665 6
O00241	Signal-regulatory protein beta-1	SIRPB1	321322.84	286765.16	0.892	0.709 3
Q6XQN6	Nicotinate phosphoribosyltransferase	NAPRT	15909.63	14179.11	0.891	0.738 9
Q96CX2	BTB/POZ domain-containing protein KCTD12	KCTD12	16862.42	15017.83	0.891	0.643 7
P01619	Immunoglobulin kappa variable 3-20	IGKV3-20	19096357.7 5	16989670.0 6	0.89	0.737 8
P46952	3-hydroxyanthranilate 3,4-dioxygenase	HAAO	23197.35	20605.19	0.888	0.657 8
Q9UN70	Protocadherin gamma-C3	PCDHGC3	594871.26	528057.12	0.888	0.429 5
Q9BQ51	Programmed cell death 1 ligand 2	PDCD1LG2	495561.9	439435.79	0.887	0.495 5
P14151	L-selectin	SELL	105339.64	93287.52	0.886	0.693 8
P08133	Annexin A6	ANXA6	22848	20207.78	0.884	0.655 9
Q9BUP0	EF-hand domain-containing protein D1	EFHD1	12326.75	10888.92	0.883	0.488 7
Q92859	Neogenin	NEO1	187081.55	165152.03	0.883	0.472
Q6EMK4	Vasorin	VASN	8217739.83	7237810.47	0.881	0.551 9
Q96JQ0	Protocadherin-16	DCHS1	224116.96	197328.49	0.88	0.452 6
O75340	Programmed cell death protein 6	PDCD6	52662.7	46322.99	0.88	0.656 4
P08582	Melanotransferrin	MELTF	626170.11	549891.13	0.878	0.686 7
P80748	Immunoglobulin lambda variable 3-21	IGLV3-21	230167.76	202034.84	0.878	0.660 9

Q15303	Receptor tyrosine-protein kinase erbB-4	ERBB4	52919.7	46445.12	0.878	0.318 4
P08697	Alpha-2-antiplasmin	SERPINF2	373298.71	327525.61	0.877	0.492 3
O43488	Aflatoxin B1 aldehyde reductase member 2	AKR7A2	16448.68	14409.07	0.876	0.612 4
Q9UBV8	Peflin	PEF1	32364.06	28335.14	0.876	0.511 6
A6NI73	Leukocyte immunoglobulin-like receptor subfamily A member 5	LILRA5	265560.37	232311.63	0.875	0.469 4
Q9UJ72	Annexin A10	ANXA10	27194.1	23784.81	0.875	0.708 6
Q9UBP4	Dickkopf-related protein 3	DKK3	52375.63	45734.09	0.873	0.606 8
P06727	Apolipoprotein A-IV	APOA4	430713.06	375854.61	0.873	0.777 4
Q8IZF2	Adhesion G protein-coupled receptor F5	ADGRF5	124232.03	108223.97	0.871	0.514
Q9GZP0	Platelet-derived growth factor D	PDGFD	12687.57	11050.38	0.871	0.58
P30039	Phenazine biosynthesis-like domain-containing protein	PBLD	31647.73	27528.51	0.87	0.685 4
P69891	Hemoglobin subunit gamma-1	HBG1	38719.88	33668.76	0.87	0.593 6
Q9Y5Z4	Heme-binding protein 2	HEBP2	33372.8	29007.58	0.869	0.318 5
Q9H6X2	Anthrax toxin receptor 1	ANTXR1	366175.2	317982.95	0.868	0.759 2
Q8IV08	5'-3' exonuclease PLD3	PLD3	154849.8	134370.28	0.868	0.569
Q4KMG9	Transmembrane protein 52B	TMEM52B	45723.13	39655.62	0.867	0.606 3
P15144	Aminopeptidase N	ANPEP	1530063.28	1326728.12	0.867	0.515 8
P05156	Complement factor I	CFI	504627.32	437222.82	0.866	0.446
P18065	Insulin-like growth factor-binding protein 2	IGFBP2	410635.53	355303.43	0.865	0.637 5

Q9NZU0	Leucine-rich repeat transmembrane protein FLRT3	FLRT3	29321.59	25357.76	0.865	0.351 9
O00299	Chloride intracellular channel protein 1	CLIC1	61718.06	53341.14	0.864	0.343 4
P0DOX2	Immunoglobulin alpha-2 heavy chain		8125257.94	7018695.1	0.864	0.602 5
Q9Y240	C-type lectin domain family 11 member A	CLEC11A	76058.59	65659.52	0.863	0.505 7
Q5ZPR3	CD276 antigen	CD276	579326.46	500000.48	0.863	0.444 5
P61769	Beta-2-microglobulin [Cleaved into: Beta-2-microglobulin form pI 5.3]	B2M	1399419.88	1207084.49	0.863	0.474 9
Q9H3K6	Bola-like protein 2	BOLA2	23944.43	20640.97	0.862	0.695 1
P01743	Immunoglobulin heavy variable 1-46	IGHV1-46	2188749.77	1886632.06	0.862	0.609 9
P17342	Atrial natriuretic peptide receptor 3	NPR3	34177.83	29439.07	0.861	0.610 8
Q08380	Galectin-3-binding protein	LGALS3BP	2645891.66	2278217.14	0.861	0.603 3
P01023	Alpha-2-macroglobulin	A2M	131982.43	113640.33	0.861	0.686 7
Q96RW7	Hemicentin-1	HMCN1	1475512.36	1270427.07	0.861	0.328 5
Q13591	Semaphorin-5A	SEMA5A	87498.71	75324.11	0.861	0.197 8
O14745	Na(+)/H(+) exchange regulatory cofactor NHE-RF1	SLC9A3R1	207944.43	178983.59	0.861	0.653 9
P01258	Calcitonin [Cleaved into: Calcitonin; Katalcalcin	CALCA	88341.78	75892.36	0.859	0.603 3
P78324	Tyrosine-protein phosphatase non-receptor type substrate 1	SIRPA	886900.55	761879.48	0.859	0.501 7
O95274	Ly6/PLAUR domain-containing protein 3	LYPD3	81345.15	69875.27	0.859	0.449 1
Q92520	Protein FAM3C	FAM3C	267081.13	229419.79	0.859	0.449 2

P08294	Extracellular superoxide dismutase [Cu-Zn]	SOD3	1043074.84	894445.27	0.858	0.4018
Q9BRA2	Thioredoxin domain-containing protein 17	TXNDC17	71485.52	61182.98	0.856	0.4315
P00352	Retinal dehydrogenase 1	ALDH1A1	80390.47	68803	0.856	0.3733
Q14118	Dystroglycan	DAG1	201784.71	172165.11	0.853	0.2889
P54289	Voltage-dependent calcium channel subunit alpha-2/delta-1	CACNA2D1	45233.33	38572.75	0.853	0.4492
P09603	Macrophage colony-stimulating factor 1	CSF1	618837.82	527623.66	0.853	0.404
P06396	Gelsolin	GSN	7225629.83	6152290.56	0.851	0.7381
Q9HCM3	UPF0606 protein KIAA1549	KIAA1549	19806.54	16861.7	0.851	0.3557
P00734	Prothrombin	F2	14337969.05	12199015.76	0.851	0.484
Q9Y279	V-set and immunoglobulin domain-containing protein 4	VSIG4	142817.3	121468.29	0.851	0.6125
P20333	Tumor necrosis factor receptor superfamily member 1B	TNFRSF1B	206138.03	175316.72	0.85	0.5266
P50502	Hsc70-interacting protein	ST13	25689.51	21818.97	0.849	0.5244
O75503	Ceroid-lipofuscinosis neuronal protein 5	CLN5	86919.45	73802.37	0.849	0.3948
Q16270	Insulin-like growth factor-binding protein 7	IGFBP7	3699271.64	3140960.6	0.849	0.5238
P19440	Glutathione hydrolase 1 proenzyme	GGT1	993938.08	843868.54	0.849	0.2551
P49773	Histidine triad nucleotide-binding protein 1	HINT1	22902.44	19435.54	0.849	0.436
P00558	Phosphoglycerate kinase 1	PGK1	103238.43	87602.2	0.849	0.5187

Q9NQ36	Signal peptide, CUB and EGF-like domain-containing protein 2	SCUBE2	204202.36	173131.85	0.848	0.557
Q8WUT4	Leucine-rich repeat neuronal protein 4	LRRN4	88526.05	75046.5	0.848	0.339 2
Q9P121	Neurotrimin	NTM	569216.83	481926.98	0.847	0.468 6
Q15262	Receptor-type tyrosine-protein phosphatase kappa	PTPRK	30764.04	25942.23	0.843	0.174 2
P14618	Pyruvate kinase PKM	PKM	126506.23	106333.29	0.841	0.587 6
P0DOX5	Immunoglobulin gamma-1 heavy chain		27632858.5	23190499.9 7	0.839	0.460 4
O15394	Neural cell adhesion molecule 2	NCAM2	36130.23	30287.17	0.838	0.614 2
P98172	Ephrin-B1	EFNB1	297864.98	249421.64	0.837	0.391 8
P31025	Lipocalin-1	LCN1	377703.78	315921.01	0.836	0.762 9
P47972	Neuronal pentraxin-2	NPTX2	75577.59	63137.48	0.835	0.360 8
P09564	T-cell antigen CD7	CD7	365312.28	303592.96	0.831	0.158 5
Q14767	Latent-transforming growth factor beta-binding protein 2	LTBP2	239128.91	198684.16	0.831	0.520 6
O60814	Histone H2B type 1-K	H2BC12	244208.53	202689.5	0.83	0.682 3
Q9HAT2	Sialate O-acetyltransferase	SIAE	180868.54	150054.87	0.83	0.421 1
P05023	Sodium/potassium-transporting ATPase subunit alpha-1	ATP1A1	15649.72	12960.36	0.828	0.542 7
P27797	Calreticulin	CALR	64537.22	53436.92	0.828	0.428 7
P54753	Ephrin type-B receptor 3	EPHB3	259904.02	215055.11	0.827	0.279 9
Q02413	Desmoglein-1	DSG1	27487.63	22700.69	0.826	0.225
P12277	Creatine kinase B-type	CKB	30818.09	25355.64	0.823	0.464 2

Q96MU8	Kremen protein 1	KREMEN1	43817.39	35956.25	0.821	0.362 1
O00584	Ribonuclease T2	RNAS22	97115.06	79687.05	0.821	0.159 7
P14625	Endoplasmic	HSP90B1	35542.04	29101.43	0.819	0.554 1
O00468	Agrin [Cleaved into: Agrin N-terminal 110 kDa subunit; Agrin C-terminal 110 kDa subunit; Agrin C-terminal 90 kDa fragment	AGRN	364973.09	298746.93	0.819	0.682 5
P27930	Interleukin-1 receptor type 2	IL1R2	74462.96	60897.02	0.818	0.164 2
P13646	Keratin, type I cytoskeletal 13	KRT13	317204.21	259099.31	0.817	0.631 4
O75347	Tubulin-specific chaperone A	TBCA	26560.43	21670.97	0.816	0.277
P19835	Bile salt-activated lipase	CEL	1147683.83	932752.15	0.813	0.485 8
P19256	Lymphocyte function-associated antigen 3	CD58	241795.15	196500.71	0.813	0.310 6
P38571	Lysosomal acid lipase/cholesterol ester hydrolase	LIPA	29382.71	23832.79	0.811	0.433 3
Q8TDQ0	Hepatitis A virus cellular receptor 2	HAVCR2	3738235.49	3029608.23	0.81	0.250 8
P14543	Nidogen-1	NID1	3614889.35	2926900.62	0.81	0.437 3
Q16653	Myelin-oligodendrocyte glycoprotein	MOG	58448.14	46955.1	0.803	0.385 5
P41217	OX-2 membrane glycoprotein	CD200	114458.98	91522.3	0.8	0.335 3
P14784	Interleukin-2 receptor subunit beta	IL2RB	41051.57	32798.57	0.799	0.169
P04233	HLA class II histocompatibility antigen gamma chain	CD74	263700.24	210649.29	0.799	0.503 2
P46926	Glucosamine-6-phosphate isomerase 1	GNPDA1	16177.27	12922.44	0.799	0.414 9
P02768	Albumin	ALB	91426290	72979691.2 2	0.798	0.265 6

P40926	Malate dehydrogenase, mitochondrial	MDH2	56573.96	45047.28	0.796	0.307 4
P04746	Pancreatic alpha-amylase	AMY2A	1231817.73	980733.6	0.796	0.200 9
Q9UPZ6	Thrombospondin type-1 domain-containing protein 7A [Cleaved into: Thrombospondin type-1 domain-containing protein 7A, soluble form]	THSD7A	20439.71	16252.21	0.795	0.354 7
P98160	Basement membrane-specific heparan sulfate proteoglycan core protein	HSPG2	31047759.3 3	24682803.8 6	0.795	0.396 5
P01859	Immunoglobulin heavy constant gamma 2	IGHG2	3454861.75	2742361.31	0.794	0.367 2
Q9BZZ2	Sialoadhesin	SIGLEC1	77999.9	61716.64	0.791	0.275
P23284	Peptidyl-prolyl cis-trans isomerase B	PPIB	301714.71	238321.8	0.79	0.330 9
Q9H2M3	S-methylmethionine--homocysteine S-methyltransferase BHMT2	BHMT2	54975	43384.87	0.789	0.617 8
Q5R3I4	Tetratricopeptide repeat protein 38	TTC38	15176.21	11944.52	0.787	0.534 5
Q96CG8	Collagen triple helix repeat-containing protein 1	CTHRC1	115911.17	91153.39	0.786	0.221 1
P01133	Pro-epidermal growth factor	EGF	14477334.1	11374006.1 4	0.786	0.392 6
Q13228	Methanethiol oxidase	SELENBP1	160693.96	126239.52	0.786	0.236 1
P27482	Calmodulin-like protein 3	CALML3	13385.08	10515.11	0.786	0.42
P08962	CD63 antigen	CD63	118550.75	93079.91	0.785	0.340 7
P47755	F-actin-capping protein subunit alpha-2	CAPZA2	15514.33	12157.98	0.784	0.441 1
P02774	Vitamin D-binding protein	GC	497427.86	389136.25	0.782	0.136 6

P68104	Elongation factor 1-alpha 1	EEF1A1	205812.28	160955.48	0.782	0.372
Q14126	Desmoglein-2	DSG2	75994.29	59370.61	0.781	0.1619
P39059	Collagen alpha-1	COL15A1	2442275.89	1905558.88	0.78	0.1885
P17900	Ganglioside GM2 activator	GM2A	2204805.21	1718093.38	0.779	0.5931
Q96FN5	Kinesin-like protein KIF12	KIF12	81289.51	63237.05	0.778	0.6497
P35052	Glypican-1 [Cleaved into: Secreted glypican-1]	GPC1	107952.54	83942.6	0.778	0.4033
P04264	Keratin, type II cytoskeletal 1	KRT1	989187.97	768586.24	0.777	0.3857
Q07507	Dermatopontin	DPT	1465830.26	1138817.65	0.777	0.5342
P13647	Keratin, type II cytoskeletal 5	KRT5	38308.62	29752.48	0.777	0.61
Q9NQ79	Cartilage acidic protein 1	CRTAC1	18070.65	14031.26	0.776	0.4719
O43405	Cochlin	COCH	593393.59	460014.08	0.775	0.3471
O75339	Cartilage intermediate layer protein 1	CILP	190738.16	147802.74	0.775	0.2137
P01833	Polymeric immunoglobulin receptor	PIGR	6112517.13	4729185.2	0.774	0.0917
Q9NTX5	Ethylmalonyl-CoA decarboxylase	ECHDC1	29554.43	22860.55	0.774	0.0867
Q66K79	Carboxypeptidase Z	CPZ	115096.51	88878.16	0.772	0.2533
P60174	Triosephosphate isomerase	TPI1	207960.3	160533.43	0.772	0.4421
Q6V0I7	Protocadherin Fat 4	FAT4	66611.76	51398.54	0.772	0.2443
P51570	Galactokinase	GALK1	19713.31	15206.96	0.771	0.4442
P09417	Dihydropteridine reductase	QDPR	108041.42	83240.61	0.77	0.3342
P63241	Eukaryotic translation initiation factor 5A-1	EIF5A	17241.87	13276.28	0.77	0.0897
P08572	Collagen alpha-2	COL4A2	857847.23	660490.84	0.77	0.3448

P56537	Eukaryotic translation initiation factor 6	EIF6	391388.91	300975.39	0.769	0.096 9
P04792	Heat shock protein beta-1	HSPB1	276915.68	212864.59	0.769	0.455 9
Q14574	Desmocollin-3	DSC3	49704.38	38150.26	0.768	0.320 4
Q5SZK8	FRAS1-related extracellular matrix protein 2	FREM2	89932.73	69009.67	0.767	0.271 8
Q68CJ9	Cyclic AMP-responsive element-binding protein 3-like protein 3	CREB3L3	493682.69	377781.49	0.765	0.627
P09619	Platelet-derived growth factor receptor beta	PDGFRB	270862.32	206948.16	0.764	0.146 1
Q5VY43	Platelet endothelial aggregation receptor 1	PEAR1	58521.69	44658.83	0.763	0.290 1
P02671	Fibrinogen alpha chain [Cleaved into: Fibrinopeptide A; Fibrinogen alpha chain]	FGA	1512483.71	1154167.19	0.763	0.17
Q15113	Procollagen C-endopeptidase enhancer 1	PCOLCE	1526718.17	1164673.19	0.763	0.318 6
Q9UKS6	Protein kinase C and casein kinase substrate in neurons protein 3	PACSIN3	28717.37	21903.19	0.763	0.043 5
P11142	Heat shock cognate 71 kDa protein	HSPA8	161409.81	123018.57	0.762	0.032 4
P37802	Transgelin-2	TAGLN2	20718.42	15781.24	0.762	0.095 3
P03973	Antileukoproteinase	SLPI	131167.41	99566.11	0.759	0.427 3
P02760	Protein AMBP [Cleaved into: Alpha-1-microglobulin	AMBP	80686500.6 7	61234246.7 8	0.759	0.328 7
P51654	Glypican-3	GPC3	114243.95	86496.73	0.757	0.452 3
O60437	Periplakin	PPL	13221.2	10005.36	0.757	0.420 6
Q9NRX4	14 kDa phosphohistidine phosphatase	PHPT1	242075.69	182928.28	0.756	0.354 9

P27487	Dipeptidyl peptidase 4	DPP4	361727.7	273116.88	0.755	0.193 2
Q9NPR2	Semaphorin-4B	SEMA4B	26474.17	19966.28	0.754	0.222
P07686	Beta-hexosaminidase subunit beta	HEXB	179080.75	134986.66	0.754	0.208 6
Q92820	Gamma-glutamyl hydrolase	GGH	817424.52	615899.68	0.753	0.375 6
P09923	Intestinal-type alkaline phosphatase	ALPI	33117.29	24916.59	0.752	0.537
P15313	V-type proton ATPase subunit B, kidney isoform	ATP6V1B1	19182.49	14419.07	0.752	0.412 2
P17050	Alpha-N-acetylgalactosaminidase	NAGA	232960.87	175100.6	0.752	0.428 1
O14498	Immunoglobulin superfamily containing leucine-rich repeat protein	ISLR	1054006.1	792101.79	0.752	0.382 3
Q9Y2G1	Myelin regulatory factor	MYRF	65332.32	49061.97	0.751	0.033 1
P30086	Phosphatidylethanolamine-binding protein 1	PEBP1	1108706.3	831751.78	0.75	0.056 7
P55017	Solute carrier family 12 member 3	SLC12A3	157002.78	117746.51	0.75	0.343 7
Q9NPY3	Complement component C1q receptor	CD93	544104.31	406707.3	0.747	0.148 8
Q14393	Growth arrest-specific protein 6	GAS6	89786.73	66986.6	0.746	0.368 6
Q8IUL8	Cartilage intermediate layer protein 2	CILP2	1172049.16	873856.23	0.746	0.242 5
Q9H8L6	Multimerin-2	MMRN2	2107181.21	1569838.72	0.745	0.041 8
P40121	Macrophage-capping protein	CAPG	102035.9	75986.65	0.745	0.223 9
P06576	ATP synthase subunit beta, mitochondrial	ATP5F1B	29734.39	22116.11	0.744	0.341 8
P13798	Acylamino-acid-releasing enzyme	APEH	28029.96	20846.74	0.744	0.274 6
P35321	Cornifin-A	SPRR1A	99198.03	73741.42	0.743	0.631 1
Q6UXE8	Butyrophilin-like protein 3	BTNL3	19047.77	14149.81	0.743	0.401 7

P78380	Oxidized low-density lipoprotein receptor 1	OLR1	265093.79	196472.11	0.741	0.272 2
P16070	CD44 antigen	CD44	25097471.2 6	18577516.0 6	0.74	0.197 4
Q9HBT6	Cadherin-20	CDH20	24680.07	18263.04	0.74	0.023
Q9HD89	Resistin	RETN	1246324.85	920916.01	0.739	0.334 8
P43251	Biotinidase	BTD	327255.28	241713.01	0.739	0.180 9
Q9Y490	Talin-1	TLN1	41980.67	30997.23	0.738	0.206
O75223	Gamma-glutamylcyclotransferase	GGCT	63461.46	46815.05	0.738	0.469
Q16706	Alpha-mannosidase 2	MAN2A1	67594.75	49837.31	0.737	0.373 8
P40925	Malate dehydrogenase, cytoplasmic	MDH1	100007.21	73619.05	0.736	0.383 7
P51149	Ras-related protein Rab-7a	RAB7A	22491.75	16546.08	0.736	0.165 6
Q14703	Membrane-bound transcription factor site-1 protease	MBTPS1	44147.79	32460.43	0.735	0.599 6
Q8IUX7	Adipocyte enhancer-binding protein 1	AEBP1	55652.91	40903.61	0.735	0.454 1
P55000	Secreted Ly-6/uPAR-related protein 1	SLURP1	1825413.87	1340410.69	0.734	0.574 8
P05981	Serine protease hepsin	HPN	60684.31	44539.18	0.734	0.033 5
P08473	Neprilysin	MME	202118.77	148322.21	0.734	0.165 7
P0DMV8	Heat shock 70 kDa protein 1A	HSPA1A	294510.1	216011.9	0.733	0.071
Q9NU53	Glycoprotein integral membrane protein 1	GINM1	203702.12	149369.26	0.733	0.099 6
P35555	Fibrillin-1 [Cleaved into: Asprosin]	FBN1	2821364.69	2067015.11	0.733	0.331 1
Q8WVQ1	Soluble calcium-activated nucleotidase 1	CANT1	133968.89	97914.48	0.731	0.227 9
Q15365	Poly(rC)-binding protein 1	PCBP1	15534.94	11347.79	0.73	0.103 1

P48740	Mannan-binding lectin serine protease 1	MASP1	38527.21	28129.7	0.73	0.413 8
P01876	Immunoglobulin heavy constant alpha 1	IGHA1	9523109.23	6950139.1	0.73	0.354 5
Q9BRT3	Migration and invasion enhancer 1	MIEN1	225455.04	164497.26	0.73	0.342 4
Q14515	SPARC-like protein 1	SPARCL1	187575.35	136762.64	0.729	0.444 8
Q7L9L4	MOB kinase activator 1B	MOB1B	12780.26	9315.27	0.729	0.135 4
P07333	Macrophage colony-stimulating factor 1 receptor	CSF1R	94900.77	69111.33	0.728	0.074 7
Q9Y2E5	Epididymis-specific alpha-mannosidase	MAN2B2	161709.36	117376.69	0.726	0.335 8
A0A0J9YXX1	Immunoglobulin heavy variable 5-10-1	IGHV5-10-1	197643.13	143189.46	0.724	0.417 9
P24592	Insulin-like growth factor-binding protein 6	IGFBP6	114746.28	83121.53	0.724	0.393 5
P33908	Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA	MAN1A1	975420.85	706232.54	0.724	0.436 1
O43852	Calumenin	CALU	84577.56	61156.42	0.723	0.170 6
Q9H444	Charged multivesicular body protein 4b	CHMP4B	156363.54	112911.48	0.722	0.159 2
O60279	Sushi domain-containing protein 5	SUSD5	56002.84	40413.28	0.722	0.178 2
P05026	Sodium/potassium-transporting ATPase subunit beta-1	ATP1B1	107344.64	77458.08	0.722	0.019 8
Q6P9A2	Polypeptide N-acetylgalactosaminyltransferase 18	GALNT18	56428.78	40689.7	0.721	0.233 3
P20908	Collagen alpha-1	COL5A1	145147.07	104645	0.721	0.197 8
Q9BSE5	Agmatinase, mitochondrial	AGMAT	36898.93	26573.31	0.72	0.383 1

P35858	Insulin-like growth factor-binding protein complex acid labile subunit	IGFALS	66635.66	47916.87	0.719	0.174
P13797	Plastin-3	PLS3	18302.95	13159.84	0.719	0.2323
P08727	Keratin, type I cytoskeletal 19	KRT19	891000.53	639672.33	0.718	0.367
P58499	Protein FAM3B	FAM3B	480284.97	344749.37	0.718	0.1837
P19438	Tumor necrosis factor receptor superfamily member 1A	TNFRSF1A	46548.57	33364.42	0.717	0.3279
P38606	V-type proton ATPase catalytic subunit A	ATP6V1A	30908.42	22153.54	0.717	0.1545
P61421	V-type proton ATPase subunit d 1	ATP6V0D1	16690.61	11959.15	0.717	0.1481
P04180	Phosphatidylcholine-sterol acyltransferase	LCAT	711742.81	509792.18	0.716	0.0448
A6ND91	Putative L-aspartate dehydrogenase	ASPDH	18843.79	13474.75	0.715	0.2158
P19320	Vascular cell adhesion protein 1	VCAM1	77773.07	55309.92	0.711	0.333
O43567	E3 ubiquitin-protein ligase RNF13	RNF13	164113.52	116547.88	0.71	0.1651
Q8WVN6	Secreted and transmembrane protein 1	SECTM1	1091711.49	773072.55	0.708	0.06
P20916	Myelin-associated glycoprotein	MAG	45323.56	31981.97	0.706	0.2379
P22732	Solute carrier family 2, facilitated glucose transporter member 5	SLC2A5	30173.8	21239.98	0.704	0.1346
Q5JZY3	Ephrin type-A receptor 10	EPHA10	69013.42	48495.69	0.703	0.1207
P25940	Collagen alpha-3	COL5A3	191375.21	134462.5	0.703	0.0091
Q5JRA6	Transport and Golgi organization protein 1 homolog	MIA3	110669.05	77348.55	0.699	0.2984
P06734	Low affinity immunoglobulin epsilon Fc receptor	FCER2	110960.2	77470.01	0.698	0.1743

Q9Y376	Calcium-binding protein 39	CAB39	31709.59	22108.62	0.697	0.050 1
Q9NQA5	Transient receptor potential cation channel subfamily V member 5	TRPV5	41571.14	28983.62	0.697	0.259 7
Q15485	Ficolin-2	FCN2	129339.7	90068.07	0.696	0.414 4
O95834	Echinoderm microtubule-associated protein-like 2	EML2	15416.89	10734.77	0.696	0.230 5
Q9NP79	Vacuolar protein sorting-associated protein VTA1 homolog	VTA1	458592.84	319140.65	0.696	0.058
P19827	Inter-alpha-trypsin inhibitor heavy chain H1	ITIH1	197286.63	137210.7	0.695	0.054 3
P00505	Aspartate aminotransferase, mitochondrial	GOT2	15935.1	11071.55	0.695	0.279 9
P16112	Aggrecan core protein	ACAN	6229106.74	4309981.66	0.692	0.168 2
Q92673	Sortilin-related receptor	SORL1	111567.13	77051.15	0.691	0.026 9
Q9Y287	Integral membrane protein 2B	ITM2B	48156.61	33224.36	0.69	0.116 1
Q86YQ8	Copine-8	CPNE8	75863.26	52303.1	0.689	0.168 6
P16152	Carbonyl reductase [NADPH] 1	CBR1	55327.01	38112.57	0.689	0.127 9
O43570	Carbonic anhydrase 12	CA12	29061.49	20014.16	0.689	0.025 2
P42785	Lysosomal Pro-X carboxypeptidase	PRCP	389231.4	267208.13	0.687	0.056 4
P07148	Fatty acid-binding protein, liver	FABP1	454264.53	311730.74	0.686	0.389
Q9NZZ3	Charged multivesicular body protein 5	CHMP5	288229	197590.4	0.686	0.105
P19021	Peptidyl-glycine alpha-amidating monooxygenase	PAM	137824.16	94329.64	0.684	0.151 5
P30101	Protein disulfide-isomerase A3	PDIA3	46722.29	31969.03	0.684	0.189 7

P01019	Angiotensinogen	AGT	426048.13	289477.75	0.679	0.254 8
P29323	Ephrin type-B receptor 2	EPHB2	277553.45	188526.46	0.679	0.005
P25788	Proteasome subunit alpha type-3	PSMA3	29563.64	20022.13	0.677	0.334 8
A0A5B9	T cell receptor beta constant 2	TRBC2	43904.89	29717.69	0.677	0.167 1
Q99941	Cyclic AMP-dependent transcription factor ATF-6 beta	ATF6B	45667.77	30853.67	0.676	0.187 3
O14773	Tripeptidyl-peptidase 1	TPP1	303968.06	204981.39	0.674	0.367 1
Q08629	Testican-1	SPOCK1	17067.51	11498.83	0.674	0.189 8
P05362	Intercellular adhesion molecule 1	ICAM1	252531.18	170116.98	0.674	0.075
Q02818	Nucleobindin-1	NUCB1	375400.35	252665.27	0.673	0.282 1
P62820	Ras-related protein Rab-1A	RAB1A	40099.68	26977.74	0.673	0.056 2
Q9P2B2	Prostaglandin F2 receptor negative regulator	PTGFRN	80709.98	54284.07	0.673	0.027 2
Q96I82	Kazal-type serine protease inhibitor domain-containing protein 1	KAZALD1	59004.79	39671.91	0.672	0.292
O00182	Galectin-9	LGALS9	517727.67	347554.13	0.671	0.050 4
Q9H299	SH3 domain-binding glutamic acid-rich-like protein 3	SH3BGRL3	2948171.56	1978658.49	0.671	0.414 5
P13639	Elongation factor 2	EEF2	56543.95	37911.64	0.67	0.225 8
O75093	Slit homolog 1 protein	SLIT1	243627.47	163183.33	0.67	0.105 8
Q86SF2	N-acetylgalactosaminyltransferase 7	GALNT7	30990.29	20717.47	0.669	0.07
P15289	Arylsulfatase A	ARSA	805265.06	536680.71	0.666	0.081 4
Q13938	Calcyphosin	CAPS	58842.64	39175.16	0.666	0.111 8

P21810	Biglycan	BGN	166941.91	111096.11	0.665	0.269 4
P01703	Immunoglobulin lambda variable 1-40	IGLV1-40	462892.09	307493.01	0.664	0.089 5
P04406	Glyceraldehyde-3-phosphate dehydrogenase	GAPDH	216549.33	143620.39	0.663	0.243
P60033	CD81 antigen	CD81	42763.97	28351.36	0.663	0.061 8
Q9BYF1	Angiotensin-converting enzyme 2	ACE2	58390.9	38688.69	0.663	0.051 6
Q03405	Urokinase plasminogen activator surface receptor	PLAUR	208571.88	138180.14	0.663	0.252 1
O75882	Attractin	ATRN	1652499.29	1093575.03	0.662	0.028 6
P10619	Lysosomal protective protein	CTSA	601536.68	397636.11	0.661	0.204 1
Q12841	Follistatin-related protein 1	FSTL1	87755.02	57861.13	0.659	0.120 7
O00115	Deoxyribonuclease-2-alpha	DNASE2	220454.67	145299.82	0.659	0.181 2
P16278	Beta-galactosidase	GLB1	1206666.21	794494.64	0.658	0.042 5
P37173	TGF-beta receptor type-2	TGFBR2	108874.16	71614.24	0.658	0.253 2
Q14766	Latent-transforming growth factor beta-binding protein 1	LTBP1	164190.12	107921.09	0.657	0.280 5
O94772	Lymphocyte antigen 6H	LY6H	754183.74	495339.88	0.657	0.230 2
Q6ZWJ8	Kielin/chordin-like protein	KCP	19821.13	13017.27	0.657	0.063 2
P08729	Keratin, type II cytoskeletal 7	KRT7	304009.28	198974.02	0.654	0.214 8
Q6FHJ7	Secreted frizzled-related protein 4	SFRP4	418937.14	274086.67	0.654	0.051
O60241	Adhesion G protein-coupled receptor B2	ADGRB2	121495.18	79403.77	0.654	0.088 9
P61457	Pterin-4-alpha-carbinolamine dehydratase	PCBD1	81042.69	52960.43	0.653	0.142 8
P03951	Coagulation factor XI	F11	187209.71	122334.33	0.653	0.158

Q02388	Collagen alpha-1	COL7A1	40319.43	26328.7	0.653	0.117 5
P01624	Immunoglobulin kappa variable 3-15	IGKV3-15	4215326.03	2747534.06	0.652	0.205 4
Q8TCD5	5'(3')-deoxyribonucleotidase, cytosolic type	NT5C	161698.94	105297.94	0.651	0.303 3
Q9UI12	V-type proton ATPase subunit H	ATP6V1H	16801.62	10939.01	0.651	0.086
P06865	Beta-hexosaminidase subunit alpha	HEXA	257045.28	167052.27	0.65	0.022 1
Q8N386	Leucine-rich repeat-containing protein 25	LRRC25	73051.53	47407.14	0.649	0.052 2
Q16832	Discoidin domain-containing receptor 2	DDR2	112935.08	73274.45	0.649	0.137 6
Q9NUQ9	CYFIP-related Rac1 interactor B	CYRIB	31100.31	20148.43	0.648	0.068 7
Q9BYJ0	Fibroblast growth factor-binding protein 2	FGFBP2	84705.62	54866.65	0.648	0.258 3
P20062	Transcobalamin-2	TCN2	59820.03	38742.64	0.648	0.180 1
P36639	7,8-dihydro-8-oxoguanine triphosphatase	NUDT1	152044.04	98459.95	0.648	0.141 1
Q9NZV1	Cysteine-rich motor neuron 1 protein	CRIM1	63970.55	41425.25	0.648	0.005 5
P18428	Lipopolysaccharide-binding protein	LBP	29006.2	18756.98	0.647	0.175 3
Q96CF2	Charged multivesicular body protein 4c	CHMP4C	74441.38	48053.36	0.646	0.075 4
Q9UQN3	Charged multivesicular body protein 2b	CHMP2B	120027.83	77452.32	0.645	0.012 4
Q96A22	Uncharacterized protein C11orf52	C11orf52	53924.29	34778.63	0.645	0.064 9
Q00610	Clathrin heavy chain 1	CLTC	20834.11	13404.52	0.643	0.159 3
O75015	Low affinity immunoglobulin gamma Fc region receptor III-B	FCGR3B	99169.11	63795.68	0.643	0.016 2
P45877	Peptidyl-prolyl cis-trans isomerase C	PPIC	183983.3	118116.48	0.642	0.127 7

Q7Z6A9	B- and T-lymphocyte attenuator	BTLA	58405.28	37389.23	0.64	0.037 2
Q9Y4L1	Hypoxia up-regulated protein 1	HYOU1	26376.09	16863.39	0.639	0.266 9
O14672	Disintegrin and metalloproteinase domain-containing protein 10	ADAM10	18172.65	11607.89	0.639	0.078 6
O75131	Copine-3	CPNE3	107750.73	68817.83	0.639	0.152 8
P32942	Intercellular adhesion molecule 3	ICAM3	76757.72	48981.74	0.638	0.027 9
Q04917	14-3-3 protein eta	YWHAH	19404.6	12369.15	0.637	0.144
Q6UWV6	Ectonucleotide pyrophosphatase/phosphodiesterase family member 7	ENPP7	36394.94	23191.44	0.637	0.104 2
P54652	Heat shock-related 70 kDa protein 2	HSPA2	8153.14	5182.12	0.636	0.005 2
Q9BRF8	Serine/threonine-protein phosphatase CPPED1	CPPED1	43695.07	27702.32	0.634	0.120 7
Q7Z5N4	Protein sidekick-1	SDK1	94898.04	60119.82	0.634	0.010 3
P04275	von Willebrand factor	VWF	61744.75	39093.36	0.633	0.033 6
P20930	Filaggrin	FLG	80587.58	50839.48	0.631	0.238 6
P18850	Cyclic AMP-dependent transcription factor ATF-6 alpha	ATF6	16237.83	10231.81	0.63	0.069 2
O15162	Phospholipid scramblase 1	PLSCR1	97872.19	61443.17	0.628	0.064 4
P05154	Plasma serine protease inhibitor	SERPINA5	3185572.38	1999351.46	0.628	0.241 2
Q8WVV5	Butyrophilin subfamily 2 member A2	BTN2A2	2195634.3	1377391.58	0.627	0.118 5
A0A075B6I9	Immunoglobulin lambda variable 7-46	IGLV7-46	243839.35	152836.87	0.627	0.255 3
Q96FV2	Secernin-2	SCRN2	56365.68	35228.38	0.625	0.163 6
P29279	CCN family member 2	CCN2	581176.19	362691.07	0.624	0.239 7

A0A0B4J1V0	Immunoglobulin heavy variable 3-15	IGHV3-15	53258.09	33213.07	0.624	0.1367
O00461	Golgi integral membrane protein 4	GOLIM4	46028.31	28695.93	0.623	0.0054
P07204	Thrombomodulin	THBD	761843.57	474366.17	0.623	0.0038
O75071	EF-hand calcium-binding domain-containing protein 14	EFCAB14	166046.78	103294.52	0.622	0.2037
P30044	Peroxisome oxidoreductin-5, mitochondrial	PRDX5	60937.62	37906.03	0.622	0.0648
O60494	Cubilin	CUBN	2039348.78	1265748.78	0.621	0.1567
P62714	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform	PPP2CB	31169	19336.94	0.62	0.2587
P25774	Cathepsin S	CTSS	25436.53	15775.95	0.62	0.233
P09525	Annexin A4	ANXA4	88161.85	54523.53	0.618	0.0189
Q13268	Dehydrogenase/reductase SDR family member 2, mitochondrial	DHRS2	40521.57	25046.49	0.618	0.3155
Q9UBQ7	Glyoxylate reductase/hydroxypyruvate reductase	GRHPR	29800.42	18379.19	0.617	0.2569
P62937	Peptidyl-prolyl cis-trans isomerase A	PPIA	156567.67	96493.29	0.616	0.0424
O15393	Transmembrane protease serine 2	TMPRSS2	119289.17	73500.65	0.616	0.0105
Q9UJJ9	N-acetylglucosamine-1-phosphotransferase subunit gamma	GNPTG	43662.17	26777.1	0.613	0.1082
Q9Y6W3	Calpain-7	CAPN7	111279.99	68159.76	0.613	0.0052
Q13113	PDZK1-interacting protein 1	PDZK1IP1	62225.56	38072.51	0.612	0.2537
O43155	Leucine-rich repeat transmembrane protein FLRT2	FLRT2	123207.5	75358.46	0.612	0.2227

A0A0J9YX35	Immunoglobulin heavy variable 3-64D	IGHV3-64D	80018.84	48908.77	0.611	0.1057
P07357	Complement component C8 alpha chain	C8A	402606.08	246017.88	0.611	0.1191
O43653	Prostate stem cell antigen	PSCA	956631.42	584513.38	0.611	0.5216
P23528	Cofilin-1	CFL1	236009.23	144202.64	0.611	0.0303
P26842	CD27 antigen	CD27	996584.69	608826.36	0.611	0.0447
Q9UJU6	Drebrin-like protein	DBNL	25986.56	15861.62	0.61	0.0299
P98164	Low-density lipoprotein receptor-related protein 2	LRP2	2778087.84	1695608.18	0.61	0.0604
P13591	Neural cell adhesion molecule 1	NCAM1	878650.37	535845.74	0.61	0.1394
Q9Y5K6	CD2-associated protein	CD2AP	21121.64	12876.34	0.61	0.0196
Q9NR99	Matrix-remodeling-associated protein 5	MXRA5	36966.94	22535.3	0.61	0.2222
O60888	Protein CutA	CUTA	802208.2	488359.33	0.609	0.0232
P11047	Laminin subunit gamma-1	LAMC1	348540.39	211901.39	0.608	0.0933
Q92484	Acid sphingomyelinase-like phosphodiesterase 3a	SMPDL3A	18168.57	11045.11	0.608	0.0443
Q9UBG3	Cornulin	CRNN	18555.18	11245.47	0.606	0.2722
P28332	Alcohol dehydrogenase 6	ADH6	40357.7	24399.92	0.605	0.1056
P40189	Interleukin-6 receptor subunit beta	IL6ST	325110.13	196483.54	0.604	0.0127
P25789	Proteasome subunit alpha type-4	PSMA4	16782.72	10128.51	0.604	0.0737
P60022	Beta-defensin 1	DEFB1	3626718.73	2186880.46	0.603	0.4128
Q6H9L7	Isthmin-2	ISM2	35766.77	21554.38	0.603	0.0831

P13716	Delta-aminolevulinic acid dehydratase	ALAD	46616.22	28088.28	0.603	0.139 4
O75787	Renin receptor	ATP6AP2	156074.37	93947.78	0.602	0.151 2
P10412	Histone H1.4	H1-4	61843.02	37205.01	0.602	0.219 3
P53004	Biliverdin reductase A	BLVRA	20406.54	12255.66	0.601	0.132 8
P54764	Ephrin type-A receptor 4	EPHA4	50846.96	30525.91	0.6	0.190 6
P14384	Carboxypeptidase M	CPM	1049590.6	629822.12	0.6	0.013 1
P22314	Ubiquitin-like modifier-activating enzyme 1	UBA1	18418.31	11042.91	0.6	0.213 7
P40197	Platelet glycoprotein V	GP5	18090.37	10841.07	0.599	0.052 4
Q9BXP8	Pappalysin-2	PAPPA2	48933.32	29323.18	0.599	0.124 1
O00391	Sulfhydryl oxidase 1	QSOX1	712599.68	426808.47	0.599	0.023
P29972	Aquaporin-1	AQP1	70083.47	41924.7	0.598	0.036 3
P20073	Annexin A7	ANXA7	80710.79	48210.18	0.597	0.088 3
Q04760	Lactoylglutathione lyase	GLO1	57722.94	34455.75	0.597	0.011 2
P54108	Cysteine-rich secretory protein 3	CRISP3	58421.1	34811.03	0.596	0.056 4
P36896	Activin receptor type-1B	ACVR1B	1010587.96	601963.11	0.596	0.260 8
Q12805	EGF-containing fibulin-like extracellular matrix protein 1	EFEMP1	4710994.83	2799161.49	0.594	0.189 4
O43490	Prominin-1	PROM1	181537.94	107806.83	0.594	0.027 6
P26718	NKG2-D type II integral membrane protein	KLRK1	45488.98	27010.72	0.594	0.251 6
P46108	Adapter molecule crk	CRK	25426.97	15084.18	0.593	0.035 2
Q06828	Fibromodulin	FMOD	427527.29	253038.18	0.592	0.180 5

P12111	Collagen alpha-3	COL6A3	922726.95	546082.98	0.592	0.137 7
Q86XT2	Vacuolar protein sorting-associated protein 37D	VPS37D	82511.08	48824.92	0.592	0.013 7
O14818	Proteasome subunit alpha type-7	PSMA7	36365.47	21451.28	0.59	0.149 8
Q9BQT9	Calsyntenin-3	CLSTN3	308015.62	181344.18	0.589	0.093
P20138	Myeloid cell surface antigen CD33	CD33	138346.92	81442.89	0.589	0.237 6
P10645	Chromogranin-A	CHGA	3174878.78	1868249.51	0.588	0.108 4
Q99835	Smoothed homolog	SMO	118227.87	69426.58	0.587	0.015 7
O15031	Plexin-B2	PLXNB2	50066.88	29397.14	0.587	0.125 3
O60635	Tetraspanin-1	TSPAN1	374069.85	219580.81	0.587	0.028 5
Q99816	Tumor susceptibility gene 101 protein	TSG101	149476.74	87733.93	0.587	0.006 5
P17858	ATP-dependent 6-phosphofructokinase, liver type	PFKL	47979.48	28147.26	0.587	0.43
Q9H0E2	Toll-interacting protein	TOLLIP	44575.97	26104.27	0.586	0.003 4
Q9UN37	Vacuolar protein sorting-associated protein 4A	VPS4A	115279.82	67460.75	0.585	0.001 7
Q15043	Metal cation symporter ZIP14	SLC39A14	50998.8	29831.88	0.585	0.015 4
P20711	Aromatic-L-amino-acid decarboxylase	DDC	231488.02	135304.28	0.584	0.292 6
P0C0L4	Complement C4-A	C4A	246398.84	143783.95	0.584	0.027 8
P10153	Non-secretory ribonuclease	RNASE2	14893405.1 5	8690735.1	0.584	0.108 8
Q9UK41	Vacuolar protein sorting-associated protein 28 homolog	VPS28	117930.48	68814.8	0.584	0.021 7
P01036	Cystatin-S	CST4	206431.43	120328.1	0.583	0.296 8
P04632	Calpain small subunit 1	CAPNS1	22679.38	13213.78	0.583	0.027

P01699	Immunoglobulin lambda variable 1-44	IGLV1-44	885197.85	515719.27	0.583	0.051 1
Q8NCC3	Phospholipase A2 group XV	PLA2G15	79317.25	46190.02	0.582	0.131 6
P22792	Carboxypeptidase N subunit 2	CPN2	245617.12	143012.52	0.582	0.031 4
P30046	D-dopachrome decarboxylase	DDT	71274.29	41480.78	0.582	0.247 3
Q6ISS4	Leukocyte-associated immunoglobulin-like receptor 2	LAIR2	216877.69	126184.64	0.582	0.146 5
Q8NFY4	Semaphorin-6D	SEMA6D	69678.57	40511.7	0.581	0.158 4
O95445	Apolipoprotein M	APOM	198450.22	115277.35	0.581	0.149 1
Q8N271	Prominin-2	PROM2	127152.85	73845.17	0.581	0.019
P22748	Carbonic anhydrase 4	CA4	40883.43	23695.57	0.58	0.011 5
A8K2U0	Alpha-2-macroglobulin-like protein 1	A2ML1	32981.62	19108.78	0.579	0.295 4
Q6UX73	UPF0764 protein C16orf89	C16orf89	123451.87	71408.67	0.578	0.116 7
Q9ULK6	RING finger protein 150	RNF150	58050.23	33564.82	0.578	0.028 1
Q8TD46	Cell surface glycoprotein CD200 receptor 1	CD200R1	27493.21	15882.43	0.578	0.010 7
Q9HB40	Retinoid-inducible serine carboxypeptidase	SCPEP1	154150.15	89008.99	0.577	0.055 1
Q9UUK9	ADP-sugar pyrophosphatase	NUDT5	21275.2	12263.18	0.576	0.121 4
Q86VB7	Scavenger receptor cysteine-rich type 1 protein M130	CD163	164635.47	94800.03	0.576	0.022
P11233	Ras-related protein Ral-A	RALA	71378.78	40900.98	0.573	0.024 5
P61204	ADP-ribosylation factor 3	ARF3	73605.51	42139.02	0.572	0.004 6
P39060	Collagen alpha-1	COL18A1	264951.21	151625	0.572	0.009 9

Q96PD2	Discoidin, CUB and LCCL domain-containing protein 2	DCBLD2	419389.75	239721.86	0.572	0.308 1
P01599	Immunoglobulin kappa variable 1-17	IGKV1-17	120846.75	68984.75	0.571	0.164 5
Q6UXD5	Seizure 6-like protein 2	SEZ6L2	306554.72	174715.49	0.57	0.055 8
P30085	UMP-CMP kinase	CMPK1	18554.53	10567.24	0.57	0.028 2
Q9H756	Leucine-rich repeat-containing protein 19	LRRC19	149438.87	85086.5	0.569	0.036 4
O60701	UDP-glucose 6-dehydrogenase	UGDH	18686.48	10638.88	0.569	0.227 3
P36955	Pigment epithelium-derived factor	SERPINF1	109051.99	62028.12	0.569	0.018 2
P19961	Alpha-amylase 2B	AMY2B	147886.71	83943.06	0.568	0.005 7
Q9Y5Y7	Lymphatic vessel endothelial hyaluronic acid receptor 1	LYVE1	737840.97	418728.75	0.568	0.198 7
P07307	Asialoglycoprotein receptor 2	ASGR2	149627.6	84884.1	0.567	0.013
P10253	Lysosomal alpha-glucosidase	GAA	4349871.4	2467396.01	0.567	0.012 6
P53990	IST1 homolog	IST1	1200503.01	680598.98	0.567	0.010 1
P30613	Pyruvate kinase PKLR	PKLR	92441.09	52386.11	0.567	0.094
Q9Y5Y6	Suppressor of tumorigenicity 14 protein	ST14	41235.83	23367.34	0.567	0.042 9
P06280	Alpha-galactosidase A	GLA	222595.26	126070.57	0.566	0.027 8
P61970	Nuclear transport factor 2	NUTF2	2228743.12	1261154.58	0.566	0.344 2
P0DOX3	Immunoglobulin delta heavy chain		61030.88	34526.99	0.566	0.067 5
Q9NZU1	Leucine-rich repeat transmembrane protein FLRT1	FLRT1	23052.91	13038.7	0.566	0.033 8
P04062	Lysosomal acid glucosylceramidase	GBA	32692.88	18455.76	0.565	0.078 7
P12814	Alpha-actinin-1	ACTN1	31747.11	17908.41	0.564	0.053 4

O43157	Plexin-B1	PLXNB1	22272.52	12555.44	0.564	0.035 4
P51580	Thiopurine S-methyltransferase	TPMT	15635.44	8804.07	0.563	0.185 9
Q6ZVX7	F-box only protein 50	NCCRP1	21295.8	11988.76	0.563	0.114 9
Q01974	Tyrosine-protein kinase transmembrane receptor ROR2	ROR2	559931.46	315052.85	0.563	0.099 6
Q8WV92	MIT domain-containing protein 1	MITD1	24314.72	13669.95	0.562	0.002 8
Q96D15	Reticulocalbin-3	RCN3	36779.88	20616.65	0.561	0.172 5
Q8NHP8	Putative phospholipase B-like 2	PLBD2	240236.64	134578.21	0.56	0.007 5
Q04756	Hepatocyte growth factor activator	HGFAC	340717.9	190313.62	0.559	0.001 7
Q8TAB3	Protocadherin-19	PCDH19	41348.9	23086.04	0.558	0.009 5
Q9NP85	Podocin	NPHS2	27408.93	15295.17	0.558	0.063 5
O95164	Ubiquitin-like protein 3	UBL3	41979.08	23423.04	0.558	0.042 6
P35908	Keratin, type II cytoskeletal 2 epidermal	KRT2	1809149.19	1009296.09	0.558	0.077 3
Q9HD42	Charged multivesicular body protein 1a	CHMP1A	90733.06	50613.34	0.558	0.007 4
P99999	Cytochrome c	CYCS	21351.18	11879.5	0.556	0.043 1
P41222	Prostaglandin-H2 D-isomerase	PTGDS	65326460.2 5	36335225.3 3	0.556	0.195 9
P02810	Salivary acidic proline-rich phosphoprotein 1/2	PRH1	109018.01	60547.27	0.555	0.269 3
O43396	Thioredoxin-like protein 1	TXNL1	34314.93	19043.58	0.555	0.058 6
Q9HBE5	Interleukin-21 receptor	IL21R	44178.51	24506.83	0.555	0.074 9
P04070	Vitamin K-dependent protein C	PROC	275395.34	152746.53	0.555	0.014 3
Q8TEB7	E3 ubiquitin-protein ligase RNF128	RNF128	46374.11	25706.32	0.554	0.167 8
P27105	Stomatin	STOM	150509.4	83408.96	0.554	0.005 9

P01034	Cystatin-C	CST3	2491871.21	1379590.31	0.554	0.052 2
P20774	Mimecan	OGN	89902.27	49768.11	0.554	0.053 1
P29373	Cellular retinoic acid-binding protein 2	CRABP2	19457.75	10764.08	0.553	0.151 3
Q86UD1	Out at first protein homolog	OAF	224761.15	124291.28	0.553	0.077
P25786	Proteasome subunit alpha type-1	PSMA1	22638.53	12502.9	0.552	0.108 9
Q9Y5C1	Angiopoietin-related protein 3	ANGPTL3	20289.25	11198.21	0.552	0.112 8
Q92752	Tenascin-R	TNR	249534.69	137623.69	0.552	0.105 6
P08183	ATP-dependent translocase ABCB1	ABCB1	32610.74	17979.48	0.551	0.012 6
Q9ULI3	Protein HEG homolog 1	HEG1	1244805.08	686285.96	0.551	0.069 5
Q9BSG0	Protease-associated domain-containing protein 1	PRADC1	84221.22	46394.34	0.551	0.050 5
Q8NHJ6	Leukocyte immunoglobulin-like receptor subfamily B member 4	LILRB4	161885.74	89160.98	0.551	0.140 8
O43175	D-3-phosphoglycerate dehydrogenase	PHGDH	23038.22	12680.88	0.55	0.121
Q9NY97	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase 2	B3GNT2	164205.33	90319.51	0.55	0.148 5
P08758	Annexin A5	ANXA5	156322.7	85878.97	0.549	0.006 5
Q8WZA1	Protein O-linked-mannose beta-1,2-N-acetylglucosaminyltransferase 1	POMGNT1	28028.88	15396.46	0.549	0.117 7
O95460	Matrilin-4	MATN4	213292.97	117062.41	0.549	0.258 5
O00592	Podocalyxin	PODXL	788186.01	431935.32	0.548	0.016 6

P53634	Dipeptidyl peptidase 1	CTSC	703267.51	384432.79	0.547	0.084 9
O14618	Copper chaperone for superoxide dismutase	CCS	67215.66	36724.17	0.546	0.090 4
P35754	Glutaredoxin-1	GLRX	177767.54	97114.91	0.546	0.267 8
P28908	Tumor necrosis factor receptor superfamily member 8	TNFRSF8	86374.91	47117.15	0.545	0.074 5
O00560	Syntenin-1	SDCBP	1463928.32	798231.95	0.545	0.003 5
Q53GD3	Choline transporter-like protein 4	SLC44A4	67181.98	36546.7	0.544	0.012
Q6UX71	Plexin domain-containing protein 2	PLXDC2	252778.45	137352.94	0.543	0.017 1
P51688	N-sulphoglucosamine sulphohydrolase	SGSH	432336.1	234773.46	0.543	0.089 9
P35241	Radixin	RDX	763047.87	413696.5	0.542	0.025 4
Q8NBJ4	Golgi membrane protein 1	GOLM1	2396950.46	1298688.99	0.542	0.070 7
P26038	Moesin	MSN	83685.71	45329.96	0.542	0.027 9
P25942	Tumor necrosis factor receptor superfamily member 5	CD40	141656.91	76707.07	0.541	0.196 7
O95865	N(G),N(G)-dimethylarginine dimethylaminohydrolase 2	DDAH2	390554.7	211287.63	0.541	0.218 5
Q8WWQ8	Stabilin-2	STAB2	34494.71	18614.84	0.54	0.027 2
Q9NZN3	EH domain-containing protein 3	EHD3	90131.6	48618.12	0.539	0.005 3
Q8N2G4	Ly6/PLAUR domain-containing protein 1	LYPD1	79766.75	42978.53	0.539	0.080 7
P19823	Inter-alpha-trypsin inhibitor heavy chain H2	ITIH2	103423.17	55700.72	0.539	0.371 6
P61604	10 kDa heat shock protein, mitochondrial	HSPE1	58567.28	31541.14	0.539	0.105 2

Q12860	Contactin-1	CNTN1	310681.49	167186.44	0.538	0.012 4
P78552	Interleukin-13 receptor subunit alpha-1	IL13RA1	100993.88	54268.67	0.537	0.063 6
P07355	Annexin A2	ANXA2	108471.28	58177.5	0.536	0.093 5
Q9ULV1	Frizzled-4	FZD4	318897.8	170159.7	0.534	0.022 4
Q9UNW1	Multiple inositol polyphosphate phosphatase 1	MINPP1	42637.88	22749.76	0.534	0.030 1
P08174	Complement decay-accelerating factor	CD55	4665082.72	2488750.7	0.533	0.159 9
O43921	Ephrin-A2	EFNA2	81031.31	43213.73	0.533	0.011 7
P00747	Plasminogen	PLG	239647.51	127773.52	0.533	0.145 3
Q15833	Syntaxin-binding protein 2	STXBP2	9144.88	4863.46	0.532	0.018 8
Q969P0	Immunoglobulin superfamily member 8	IGSF8	1995919.23	1060409.65	0.531	0.030 2
P04259	Keratin, type II cytoskeletal 6B	KRT6B	1358906.64	721970.75	0.531	0.072
P62805	Histone H4	H4C1	609319.63	323697.94	0.531	0.168 4
Q9UGM3	Deleted in malignant brain tumors 1 protein	DMBT1	44098.97	23399.63	0.531	0.125 4
P35247	Pulmonary surfactant-associated protein D	SFTPD	13666.9	7250.8	0.531	0.007 6
Q96H20	Vacuolar-sorting protein SNF8	SNF8	22588.56	11964.53	0.53	0.014 6
P07360	Complement component C8 gamma chain	C8G	88548.81	46882.34	0.529	0.014 5
P07998	Ribonuclease pancreatic	RNASE1	22649606.9 2	11986450.4 3	0.529	0.152 9
O43633	Charged multivesicular body protein 2a	CHMP2A	473204.57	249729.98	0.528	0.002 5
Q9BVM4	Gamma-glutamylaminocyclotransferase	GGACT	179299.81	94384.36	0.526	0.090 6
Q9H4M9	EH domain-containing protein 1	EHD1	39277.96	20625.09	0.525	0.015 7

Q9BXN2	C-type lectin domain family 7 member A	CLEC7A	117846.77	61811.24	0.525	0.0428
P01861	Immunoglobulin heavy constant gamma 4	IGHG4	439572.64	230469.7	0.524	0.1178
Q9H9P2	Chondrolectin	CHODL	413989.53	216775.67	0.524	0.0746
Q9UM22	Mammalian ependymin-related protein 1	EPDR1	35339.64	18486.9	0.523	0.0368
P35527	Keratin, type I cytoskeletal 9	KRT9	348193.96	181911.82	0.522	0.0851
P62070	Ras-related protein R-Ras2	RRAS2	41265.59	21523.67	0.522	0.0008
Q9UKY0	Prion-like protein doppel	PRND	295346.36	153529.3	0.52	0.0263
P49788	Retinoic acid receptor responder protein 1	RARRES1	35689.98	18551.97	0.52	0.0505
Q96AP7	Endothelial cell-selective adhesion molecule	ESAM	435988.69	225519.85	0.517	0.0086
P04908	Histone H2A type 1-B/E	H2AC4	547807.53	283034.3	0.517	0.199
Q8TCT8	Signal peptide peptidase-like 2A	SPPL2A	96864.88	49949.45	0.516	0.0441
P11279	Lysosome-associated membrane glycoprotein 1	LAMP1	1733236.02	891196.29	0.514	0.0258
Q8N1N4	Keratin, type II cytoskeletal 78	KRT78	26886.1	13819.67	0.514	0.0449
O95971	CD160 antigen	CD160	298943.19	153418.75	0.513	0.0019
P05067	Amyloid-beta precursor protein	APP	2293201.88	1176569.57	0.513	0.1824
Q7LBR1	Charged multivesicular body protein 1b	CHMP1B	736303.26	377765.47	0.513	0.0014
O15230	Laminin subunit alpha-5	LAMA5	230278.65	117840.23	0.512	0.0803
Q92597	Protein NDRG1	NDRG1	20552.93	10503.77	0.511	0.3299
O60704	Protein-tyrosine sulfotransferase 2	TPST2	518009.83	264455.08	0.511	0.141

Q9Y646	Carboxypeptidase Q	CPQ	851672.54	434413.74	0.51	0.020 5
Q13145	BMP and activin membrane-bound inhibitor homolog	BAMBI	814454.13	415383.85	0.51	0.196 3
P07359	Platelet glycoprotein Ib alpha chain	GP1BA	78652.7	40072.64	0.509	0.120 6
Q9Y6Q6	Tumor necrosis factor receptor superfamily member 11A	TNFRSF11A	62461.49	31747.56	0.508	0.041 6
Q06481	Amyloid-like protein 2	APLP2	103997.32	52778.41	0.507	0.044 9
P10599	Thioredoxin	TXN	318629.2	161659.95	0.507	0.101 8
P22392	Nucleoside diphosphate kinase B	NME2	70618.49	35743.84	0.506	0.053 3
O96009	Napsin-A	NAPSA	645295.99	326586.74	0.506	0.032 8
P13645	Keratin, type I cytoskeletal 10	KRT10	1093637.81	552763.92	0.505	0.101 9
Q8IUC8	Polypeptide N-acetylgalactosaminyltransferase 13	GALNT13	38675.64	19547.22	0.505	0.049 7
Q06418	Tyrosine-protein kinase receptor TYRO3	TYRO3	143877.52	72683.01	0.505	0.012 5
P22352	Glutathione peroxidase 3	GPX3	1131468.49	569524.41	0.503	0.098 6
P51148	Ras-related protein Rab-5C	RAB5C	147159.95	73967.81	0.503	0.001
Q16348	Solute carrier family 15 member 2	SLC15A2	27785.46	13956.93	0.502	0.007 5
P01031	Complement C5	C5	36291.58	18189.25	0.501	0.076 7
P10643	Complement component C7	C7	1303979.09	653369	0.501	0.093
P09237	Matrilysin	MMP7	253810.72	127081.46	0.501	0.173 7
P54707	Potassium-transporting ATPase alpha chain 2	ATP12A	26669.01	13352.32	0.501	0.006 9
Q9UHL4	Dipeptidyl peptidase 2	DPP7	280056.97	139707.37	0.499	0.129 9
P80370	Protein delta homolog 1	DLK1	3995953.83	1989954.18	0.498	0.121 1

P14314	Glucosidase 2 subunit beta	PRKCSH	179813.45	89482.11	0.498	0.002 2
P08887	Interleukin-6 receptor subunit alpha	IL6R	59903.53	29801.96	0.497	0.035 3
O95633	Follistatin-related protein 3	FSTL3	116243.15	57744.08	0.497	0.098 3
P80188	Neutrophil gelatinase-associated lipocalin	LCN2	159071.56	78833.81	0.496	0.101 6
Q9BYE9	Cadherin-related family member 2	CDHR2	498435.01	246603.49	0.495	0.080 3
P01033	Metalloproteinase inhibitor 1	TIMP1	48785.87	24078.23	0.494	0.007 7
P07947	Tyrosine-protein kinase Yes	YES1	47422.14	23386.6	0.493	0.017 3
Q8IYS5	Osteoclast-associated immunoglobulin-like receptor	OSCAR	1415088.78	697700.54	0.493	0.108 1
P18510	Interleukin-1 receptor antagonist protein	IL1RN	60721.21	29923.25	0.493	0.006 3
Q99538	Legumain	LGMN	49885.77	24546.78	0.492	0.006 8
O75348	V-type proton ATPase subunit G 1	ATP6V1G1	22792.36	11192.87	0.491	0.000 1
O95980	Reversion-inducing cysteine-rich protein with Kazal motifs	RECK	65957.52	32324.15	0.49	0.042 8
P07741	Adenine phosphoribosyltransferase	APRT	63753.71	31213.7	0.49	0.134 5
Q14108	Lysosome membrane protein 2	SCARB2	63763.97	31201.26	0.489	0.006 7
P0CG47	Polyubiquitin-B [Cleaved into: Ubiquitin]	UBB	3598742.54	1760790.82	0.489	0.189 5
Q9NZH0	G-protein coupled receptor family C group 5 member B	GPRC5B	883149.9	432097.84	0.489	0.010 3
P62879	Guanine nucleotide-binding protein G	GNB2	390882.24	191077.59	0.489	0.004 9
P35613	Basigin	BSG	682248.01	333363.2	0.489	0.091 4

Q92542	Nicastrin	NCSTN	20398.44	9944.31	0.488	0.0036
P0DJ8	Pepsin A-3	PGA3	6715684.32	3272729.49	0.487	0.0029
P34059	N-acetylgalactosamine-6-sulfatase	GALNS	262868.12	127890.18	0.487	0.0559
Q9HC84	Mucin-5B	MUC5B	27490.33	13354.14	0.486	0.0687
P60660	Myosin light polypeptide 6	MYL6	41009.06	19875.44	0.485	0.117
P62834	Ras-related protein Rap-1A	RAP1A	28949.51	14024.58	0.484	0.0099
P09668	Pro-cathepsin H [Cleaved into: Cathepsin H mini chain; Cathepsin H	CTSH	419057.76	202834.94	0.484	0.0153
O00322	Uroplakin-1a	UPK1A	92634.73	44807.94	0.484	0.0414
Q9BY43	Charged multivesicular body protein 4a	CHMP4A	32284.59	15612.26	0.484	0.0024
Q16661	Guanylate cyclase activator 2B [Cleaved into: Guanylate cyclase C-activating peptide 2	GUCA2B	114706.37	55361.56	0.483	0.2019
P62826	GTP-binding nuclear protein Ran	RAN	34440.67	16612.78	0.482	0.0364
Q9NR34	Mannosyl-oligosaccharide 1,2-alpha-mannosidase IC	MAN1C1	29052.57	13992	0.482	0.0331
Q8WUM4	Programmed cell death 6-interacting protein	PDCD6IP	251472.12	120958.56	0.481	0.0063
P60981	Dextrin	DSTN	84515.21	40547.15	0.48	0.0286
O14798	Tumor necrosis factor receptor superfamily member 10C	TNFRSF10C	171858.7	82450.76	0.48	0.1008
P23083	Immunoglobulin heavy variable 1-2	IGHV1-2	1471356.2	705485.87	0.479	0.1188
Q13510	Acid ceramidase	ASAH1	529345.49	253640.09	0.479	0.0234

P33151	Cadherin-5	CDH5	81337.53	38898.63	0.478	0.239 6
P61586	Transforming protein RhoA	RHOA	88910.09	42412.27	0.477	0.021 5
Q10588	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 2	BST1	124861.57	59502.09	0.477	0.127 5
Q5VW32	BRO1 domain-containing protein BROX	BROX	255390.83	121662.2	0.476	0.006 6
O00499	Myc box-dependent-interacting protein 1	BIN1	174552.42	83151	0.476	0.184 7
O75976	Carboxypeptidase D	CPD	36606.92	17436.58	0.476	0.052 9
P46109	Crk-like protein	CRKL	17524.94	8347.25	0.476	0.004 3
O43291	Kunitz-type protease inhibitor 2	SPINT2	774809.33	368833.31	0.476	0.076 2
A0A075B6P5	Immunoglobulin kappa variable 2-28	IGKV2-28	6626553.17	3154095.41	0.476	0.216 5
Q86Y78	Ly6/PLAUR domain-containing protein 6	LYPD6	66688.28	31739.5	0.476	0.076 7
Q96LA6	Fc receptor-like protein 1	FCRL1	56580.03	26918.07	0.476	0.100 3
P22607	Fibroblast growth factor receptor 3	FGFR3	496105.7	235812.59	0.475	0.098 8
P34932	Heat shock 70 kDa protein 4	HSPA4	17223.94	8183.25	0.475	0.166 4
P01130	Low-density lipoprotein receptor	LDLR	1377343.8	652687.77	0.474	0.045 6
Q9H6Y7	E3 ubiquitin-protein ligase RNF167	RNF167	285155.99	135059.86	0.474	0.047 9
Q9UKZ9	Procollagen C-endopeptidase enhancer 2	PCOLCE2	123702.16	58564.63	0.473	0.080 7
P04083	Annexin A1	ANXA1	97890.5	46137.52	0.471	0.231 9
Q16775	Hydroxyacylglutathione hydrolase, mitochondrial	HAGH	33302.6	15693.29	0.471	0.056 8
P61018	Ras-related protein Rab-4B	RAB4B	36147.96	16998.72	0.47	0.101 6
Q15181	Inorganic pyrophosphatase	PPA1	18104.67	8496.77	0.469	0.108 2

P07711	Procathepsin L	CTSL	715261.13	335493.51	0.469	0.0018
O95490	Adhesion G protein-coupled receptor L2	ADGRL2	68161.97	31947.44	0.469	0.068
P13473	Lysosome-associated membrane glycoprotein 2	LAMP2	888852.03	4158149.09	0.468	0.1339
Q7Z304	MAM domain-containing protein 2	MAMDC2	28220.67	13201.18	0.468	0.0338
Q9UL46	Proteasome activator complex subunit 2	PSME2	15792.5	7383.69	0.468	0.2411
P21754	Zona pellucida sperm-binding protein 3	ZP3	31143.65	14547.98	0.467	0.0363
Q16849	Receptor-type tyrosine-protein phosphatase-like N	PTPRN	1912431.22	893096.73	0.467	0.255
P15848	Arylsulfatase B	ARSB	42388.22	19785.39	0.467	0.098
Q9Y334	von Willebrand factor A domain-containing protein 7	VWA7	24291.09	11299.97	0.465	0.0122
P21283	V-type proton ATPase subunit C 1	ATP6V1C1	19627.47	9125.46	0.465	0.1812
P30626	Sorcin	SRI	121118.45	56161.2	0.464	0.0935
Q8NEU8	DCC-interacting protein 13-beta	APPL2	15460.47	7149.65	0.462	0.0075
Q8TDY8	Immunoglobulin superfamily DCC subclass member 4	IGDCC4	49113.79	22657.83	0.461	0.079
O14917	Protocadherin-17	PCDH17	59853.47	27517	0.46	0.1137
O95185	Netrin receptor UNC5C	UNC5C	41828.37	19212.76	0.459	0.0871
Q9NS15	Latent-transforming growth factor beta-binding protein 3	LTBP3	86683.78	39811.14	0.459	0.0491
Q13443	Disintegrin and metalloproteinase domain-containing protein 9	ADAM9	138254.96	63480.26	0.459	0.067
Q9HBB8	Cadherin-related family member 5	CDHR5	182516.88	83750.37	0.459	7.00E-06

P10768	S-formylglutathione hydrolase	ESD	60450.84	27738.63	0.459	0.065 6
Q9Y624	Junctional adhesion molecule A	F11R	426050.16	195297.54	0.458	0.034 5
P28827	Receptor-type tyrosine-protein phosphatase mu	PTPRM	56249.08	25741.53	0.458	0.038 1
Q96SM3	Probable carboxypeptidase X1	CPXM1	64674.19	29587.22	0.457	0.004 5
Q9UN74	Protocadherin alpha-4	PCDHA4	26175.19	11972.53	0.457	0.010 4
P11717	Cation-independent mannose-6-phosphate receptor	IGF2R	169251.09	77414.5	0.457	0.018 1
Q9Y3E7	Charged multivesicular body protein 3	CHMP3	40605.08	18552.84	0.457	0.004 5
Q9HCU0	Endosialin	CD248	5299010.54	2416479.02	0.456	0.100 5
Q6UX15	Layilin	LAYN	236020.36	107599.2	0.456	0.037 9
Q13445	Transmembrane emp24 domain-containing protein 1	TMED1	55729.63	25402.07	0.456	0.023 5
O94910	Adhesion G protein-coupled receptor L1	ADGRL1	901922.38	410991.73	0.456	0.039 5
O75629	Protein CREG1	CREG1	79495.48	36192.05	0.455	0.058 6
Q15435	Protein phosphatase 1 regulatory subunit 7	PPP1R7	18425.05	8388.16	0.455	0.094
Q15084	Protein disulfide-isomerase A6	PDIA6	19577.34	8904.48	0.455	0.084 5
Q8IX04	Ubiquitin-conjugating enzyme E2 variant 3	UEVLD	19060.62	8662.46	0.454	0.002 3
P43652	Afamin	AFM	1259598.45	572120.65	0.454	0.090 3
Q8N3J6	Cell adhesion molecule 2	CADM2	701746.7	318547.96	0.454	0.158 9
P07585	Decorin	DCN	18267.77	8284.04	0.453	0.020 1

P27824	Calnexin	CANX	30909.84	13941.42	0.451	0.195 8
P13693	Translationally-controlled tumor protein	TPT1	14733.36	6644.01	0.451	0.054 3
P04745	Alpha-amylase 1B	AMY1B	6716492.73	3005146.68	0.447	0.066 9
P27348	14-3-3 protein theta	YWHAQ	103242.51	46125.89	0.447	0.028 6
Q24JP5	Transmembrane protein 132A	TMEM132A	34745.25	15479.09	0.446	0.026 5
Q9UHG3	Prenylcysteine oxidase 1	PCYOX1	36362.8	16195.67	0.445	0.038 4
O95967	EGF-containing fibulin-like extracellular matrix protein 2	EFEMP2	925013.23	411935.95	0.445	0.125 7
Q9Y4D7	Plexin-D1	PLXND1	131752.12	58479.07	0.444	0.035 5
O60939	Sodium channel subunit beta-2	SCN2B	58817.75	26067.12	0.443	0.003 6
P03952	Plasma kallikrein	KLKB1	41962.17	18587.67	0.443	0.218 2
P50995	Annexin A11	ANXA11	560603.57	248137.98	0.443	0.029
Q6P1N0	Coiled-coil and C2 domain-containing protein 1A	CC2D1A	18392.94	8139.04	0.443	0.000 6
P07942	Laminin subunit beta-1	LAMB1	80015.25	35394.62	0.442	0.109 4
P02675	Fibrinogen beta chain [Cleaved into: Fibrinopeptide B; Fibrinogen beta chain]	FGB	205355.53	90809	0.442	0.270 6
Q13011	Delta	ECH1	19114.04	8446.77	0.442	0.042
P07203	Glutathione peroxidase 1	GPX1	39374.83	17364.28	0.441	0.097 1
Q15116	Programmed cell death protein 1	PDCD1	602207.53	265216.43	0.44	0.092 3
Q8TER0	Sushi, nidogen and EGF-like domain-containing protein 1	SNED1	77725.23	34219.86	0.44	0.094 4
P12830	Cadherin-1	CDH1	2854890.03	1256805.02	0.44	0.127 5

Q9Y274	Type 2 lactosamine alpha-2,3-sialyltransferase	ST3GAL6	86944.7	38173.48	0.439	0.0556
P02538	Keratin, type II cytoskeletal 6A	KRT6A	561499.57	246458.02	0.439	0.0754
Q6UXB4	C-type lectin domain family 4 member G	CLEC4G	575839.04	252557.65	0.439	0.0107
P15311	Ezrin	EZR	405556.53	177791.37	0.438	0.0095
P06454	Prothymosin alpha [Cleaved into: Prothymosin alpha, N-terminally processed; Thymosin alpha-1]	PTMA	42482.19	18617.03	0.438	0.0146
Q15185	Prostaglandin E synthase 3	PTGES3	26866.12	11752.55	0.437	0.0242
Q15846	Clusterin-like protein 1	CLUL1	24781.79	10820.73	0.437	0.0271
Q9Y6N7	Roundabout homolog 1	ROBO1	28978.6	12651.57	0.437	0.0041
O75351	Vacuolar protein sorting-associated protein 4B	VPS4B	103859.79	45326.65	0.436	7.00E-05
Q08830	Fibrinogen-like protein 1	FGL1	31092.74	13553.98	0.436	0.0233
Q16581	C3a anaphylatoxin chemotactic receptor	C3AR1	162716.4	70746.57	0.435	0.1196
P52790	Hexokinase-3	HK3	27642.09	12014.28	0.435	0.2129
Q6UXN8	C-type lectin domain family 9 member A	CLEC9A	36926.03	16046.96	0.435	0.0311
Q9H0X4	Protein FAM234A	FAM234A	49496.12	21499.94	0.434	0.0034
P16066	Atrial natriuretic peptide receptor 1	NPR1	43150.55	18740.08	0.434	0.0112
Q99988	Growth/differentiation factor 15	GDF15	86839.75	37673.93	0.434	0.0241
Q99969	Retinoic acid receptor responder protein 2	RARRES2	264676.48	114685.17	0.433	0.0239

Q9BUH6	Protein PAXX	PAXX	91127.25	39485.37	0.433	0.069 2
O15232	Matrilin-3	MATN3	140553.54	60840.86	0.433	0.133 2
Q9UGN4	CMRF35-like molecule 8	CD300A	759719.35	328776.01	0.433	0.060 7
Q9Y3B3	Transmembrane emp24 domain-containing protein 7	TMED7	87948.58	38050.53	0.433	0.076 2
P51693	Amyloid-like protein 1	APLP1	88194.26	38138.47	0.432	0.111 7
P08670	Vimentin	VIM	21280.4	9159.89	0.43	0.100 1
P36543	V-type proton ATPase subunit E 1	ATP6V1E1	51748.89	22154.86	0.428	0.001 4
O75368	SH3 domain-binding glutamic acid-rich-like protein	SH3BGR1	51365.59	21979.07	0.428	0.086 3
Q9Y644	Beta-1,3-N-acetylglucosaminyltransferase radical fringe	RFNG	17705.76	7572.18	0.428	0.143 9
O00161	Synaptosomal-associated protein 23	SNAP23	23538.53	10025.19	0.426	0.003 1
Q9UBX1	Cathepsin F	CTSF	26488.97	11276.96	0.426	0.046 2
P21926	CD9 antigen	CD9	533333.43	226954.54	0.426	0.004 5
O75594	Peptidoglycan recognition protein 1	PGLYRP1	15732758.9 6	6694810.79	0.426	0.183 1
P07306	Asialoglycoprotein receptor 1	ASGR1	34191.9	14518.92	0.425	0.070 4
Q8IWA5	Choline transporter-like protein 2	SLC44A2	221489.58	94048.03	0.425	0.004 1
P01589	Interleukin-2 receptor subunit alpha	IL2RA	457747.5	194224	0.424	0.103 6
P36941	Tumor necrosis factor receptor superfamily member 3	LTBR	180283.61	76454.92	0.424	0.130 9
Q9H3G5	Probable serine carboxypeptidase CPVL	CPVL	848158.51	358349.77	0.423	0.000 7
Q96P63	Serpin B12	SERPINB12	90849.74	38347.07	0.422	0.121 5

P02545	Prelamin-A/C [Cleaved into: Lamin-A/C	LMNA	53663.88	22621.48	0.422	0.064 3
Q09328	Alpha-1,6-mannosylglycoprotein 6-beta-N- acetylglucosaminyltransferase A	MGAT5	53075.18	22362.15	0.421	0.023 2
Q96FE7	Phosphoinositide-3-kinase- interacting protein 1	PIK3IP1	30570582.7 1	12861013.1 9	0.421	0.147 9
Q9BYH1	Seizure 6-like protein	SEZ6L	228603.53	96171.75	0.421	0.006 5
Q86YD5	Low-density lipoprotein receptor class A domain-containing protein 3	LDLRAD3	25209.6	10584.52	0.42	0.018 8
Q5JXA9	Signal-regulatory protein beta-2	SIRPB2	53055.39	22253.02	0.419	0.009 3
Q9H6B4	CXADR-like membrane protein	CLMP	85810.46	35985.69	0.419	0.112 9
Q9UBD6	Ammonium transporter Rh type C	RHCG	599422.34	251374.59	0.419	0.008 5
Q495M3	Proton-coupled amino acid transporter 2	SLC36A2	37730.7	15822.43	0.419	0.055 9
O95841	Angiopoietin-related protein 1	ANGPTL1	44018.99	18427.52	0.419	0.028 6
O75326	Semaphorin-7A	SEMA7A	28923.43	12098.36	0.418	0.042 6
P17927	Complement receptor type 1	CR1	146340.33	61158.01	0.418	0.036
Q93070	Ecto-ADP-ribosyltransferase 4	ART4	19973.71	8330.24	0.417	0.081 3
P10912	Growth hormone receptor	GHR	42171.08	17577.63	0.417	0.003 6
Q8N5I2	Arrestin domain-containing protein 1	ARRDC1	62543.28	26047.47	0.416	0.023 3
Q9UKU9	Angiopoietin-related protein 2	ANGPTL2	1071709.62	446280.36	0.416	0.091 7
Q9HCK4	Roundabout homolog 2	ROBO2	49922.27	20781.21	0.416	0.139 4
P98155	Very low-density lipoprotein receptor	VLDLR	35332.46	14674.08	0.415	0.031 2

O43598	2'-deoxynucleoside 5'-phosphate N-hydrolase 1	DNPH1	226253.29	93962.25	0.415	0.085
Q9H6S3	Epidermal growth factor receptor kinase substrate 8-like protein 2	EPS8L2	56108.85	23288.77	0.415	0.0589
O60245	Protocadherin-7	PCDH7	55875.99	23164.09	0.415	0.0477
P42330	Aldo-keto reductase family 1 member C3	AKR1C3	84065.9	34803.86	0.414	0.19
P09936	Ubiquitin carboxyl-terminal hydrolase isozyme L1	UCHL1	40152.02	16619.01	0.414	0.0083
P01040	Cystatin-A	CSTA	54786.35	22637.74	0.413	0.1945
P30047	GTP cyclohydrolase 1 feedback regulatory protein	GCHFR	257128.82	106107.53	0.413	0.0101
Q8TAG5	V-set and transmembrane domain-containing protein 2A	VSTM2A	40436.69	16673.15	0.412	0.0826
Q8NFJ5	Retinoic acid-induced protein 3	GPRC5A	122618.51	50547.8	0.412	0.0711
P02749	Beta-2-glycoprotein 1	APOH	11052031.4	4545085	0.411	0.0066
P28799	Progranulin	GRN	7822123.83	3216286.27	0.411	0.1423
Q9UBQ6	Exostosin-like 2	EXTL2	26431.37	10859.47	0.411	0.0338
Q14165	Malectin	MLEC	58563.51	24005.24	0.41	0.1165
P32241	Vasoactive intestinal polypeptide receptor 1	VIPR1	68685.37	28106.47	0.409	0.0301
P78423	Fractalkine	CX3CL1	970784.68	396747.94	0.409	0.1432
Q14117	Dihydropyrimidinase	DPYS	82160.15	33541.23	0.408	0.2006
Q9HAR2	Adhesion G protein-coupled receptor L3	ADGRL3	57179.38	23295.78	0.407	0.0446

Q9NZ08	Endoplasmic reticulum aminopeptidase 1	ERAP1	22480.97	9145.04	0.407	0.056 8
Q86TH1	ADAMTS-like protein 2	ADAMTSL2	128725.19	52236.39	0.406	0.054 9
P81605	Dermcidin	DCD	517744.83	210020.9	0.406	0.106 6
P09543	2',3'-cyclic-nucleotide 3'-phosphodiesterase	CNP	26975.12	10928.72	0.405	0.003 6
P42685	Tyrosine-protein kinase FRK	FRK	67942.38	27501.79	0.405	0.015 4
P36405	ADP-ribosylation factor-like protein 3	ARL3	20386.1	8251.09	0.405	0.003 4
P25325	3-mercaptopyruvate sulfurtransferase	MPST	235235.1	94982.78	0.404	0.089 6
P08603	Complement factor H	CFH	405912.43	163757.79	0.403	0.066 8
P08754	Guanine nucleotide-binding protein G	GNAI3	64462.87	26003.55	0.403	0.001 8
Q7Z7D3	V-set domain-containing T-cell activation inhibitor 1	VTCN1	27187.03	10925.88	0.402	0.059 6
Q9BRG1	Vacuolar protein-sorting-associated protein 25	VPS25	21382.54	8573.53	0.401	0.008
P02656	Apolipoprotein C-III	APOC3	112084.23	44911.56	0.401	0.081 7
P24666	Low molecular weight phosphotyrosine protein phosphatase	ACP1	29213.25	11685.88	0.4	0.014 3
Q13332	Receptor-type tyrosine-protein phosphatase S	PTPRS	171358.67	68523.6	0.4	0.038
P04155	Trefoil factor 1	TFF1	3710781.43	1482877.26	0.4	0.19
Q9Y6Z7	Collectin-10	COLEC10	57231.27	22834.62	0.399	0.030 6
P07108	Acyl-CoA-binding protein	DBI	83017.25	33120.7	0.399	0.096 5
Q08722	Leukocyte surface antigen CD47	CD47	95061.31	37891.96	0.399	0.031 8

P29692	Elongation factor 1-delta	EEF1D	72758.75	28992.32	0.398	0.050 5
P02766	Transthyretin	TTR	109612.37	43626.73	0.398	0.018
P26641	Elongation factor 1-gamma	EEF1G	32229.72	12797.42	0.397	0.080 3
Q71RC9	Small integral membrane protein 5	SMIM5	69040.93	27402.55	0.397	0.001 5
Q496F6	CMRF35-like molecule 2	CD300E	225026.6	89208.92	0.396	0.104 9
Q9UEF7	Klotho	KL	76295.26	30195.31	0.396	0.009 4
P78504	Protein jagged-1	JAG1	122394.9	48410.13	0.396	0.057
P02649	Apolipoprotein E	APOE	1975863.5	780831.46	0.395	0.009 4
Q8WZ42	Titin	TTN	57452.09	22653.21	0.394	0.016
P10109	Adrenodoxin, mitochondrial	FDX1	64720.45	25513.68	0.394	0.071 4
P05413	Fatty acid-binding protein, heart	FABP3	257288.85	101239.51	0.393	0.003 7
P63092	Guanine nucleotide-binding protein G	GNAS	128152.52	50359.13	0.393	0.005
P22105	Tenascin-X	TNXB	564947.81	221540.56	0.392	0.073 8
P0DPK3	Notch homolog 2 N-terminal-like protein B	NOTCH2NL B	113100.86	44302.95	0.392	0.012 9
P61916	NPC intracellular cholesterol transporter 2	NPC2	1560190.03	609485.02	0.391	0.010 3
P01111	GTPase NRas	NRAS	76430.02	29828.68	0.39	0.004 1
P03950	Angiogenin	ANG	102500.29	39920.44	0.389	0.001 1
P13611	Versican core protein	VCAN	391451.17	151703.02	0.388	0.046 1
P09488	Glutathione S-transferase Mu 1	GSTM1	34607.64	13398.42	0.387	0.007 7
P00749	Urokinase-type plasminogen activator	PLAU	610522.23	235787.46	0.386	0.071 6
P55899	IgG receptor FcRn large subunit p51	FCGRT	21290.1	8218.15	0.386	0.063 9

P02748	Complement component C9 [Cleaved into: Complement component C9a; Complement component C9b]	C9	193449.95	74653.83	0.386	0.025 8
Q92823	Neuronal cell adhesion molecule	NRCAM	35521.82	13705.86	0.386	0.019 2
P49641	Alpha-mannosidase 2x	MAN2A2	60032.43	23157.59	0.386	0.144 1
P01701	Immunoglobulin lambda variable 1-51	IGLV1-51	798291.68	307550.49	0.385	0.016 1
P24855	Deoxyribonuclease-1	DNASE1	7934010.7	3053500.72	0.385	0.026
O60449	Lymphocyte antigen 75	LY75	50117.9	19251.18	0.384	0.027 3
O00462	Beta-mannosidase	MANBA	170567.91	65517.52	0.384	0.002 2
P11362	Fibroblast growth factor receptor 1	FGFR1	556214.26	213630.27	0.384	0.071 9
P0DP58	Ly-6/neurotoxin-like protein 1	LYNX1	57411.75	22031.8	0.384	0.023
Q7Z7G0	Target of Nesh-SH3	ABI3BP	148003.13	56790.36	0.384	0.084 6
Q86YD3	Transmembrane protein 25	TMEM25	60037.44	23032.82	0.384	0.093 2
P02753	Retinol-binding protein 4	RBP4	1892941.68	725894.49	0.383	0.044 3
P68363	Tubulin alpha-1B chain	TUBA1B	59774.07	22805.14	0.382	0.054 9
P67936	Tropomyosin alpha-4 chain	TPM4	23304.83	8879.67	0.381	0.028
O00764	Pyridoxal kinase	PDXK	32069.17	12202.59	0.381	0.066 1
Q16378	Proline-rich protein 4	PRR4	676684.59	257164.23	0.38	0.006 8
Q03403	Trefoil factor 2	TFF2	30173403.6 7	11461216.3 3	0.38	0.128 6
Q9Y639	Neuroplastin	NPTN	207548.06	78537.64	0.378	0.015 9
Q9BW04	Specifically androgen-regulated gene protein	SARG	149176.99	56235.98	0.377	0.133 4
P41181	Aquaporin-2	AQP2	424510.72	159915.3	0.377	0.000 9

P21802	Fibroblast growth factor receptor 2	FGFR2	249204.63	93814.97	0.376	0.058 1
P07225	Vitamin K-dependent protein S	PROS1	28440.58	10695.68	0.376	0.042 9
P60953	Cell division control protein 42 homolog	CDC42	65399.34	24575.74	0.376	0.002 6
Q9H223	EH domain-containing protein 4	EHD4	61980.36	23258.09	0.375	0.001
P10586	Receptor-type tyrosine-protein phosphatase F	PTPRF	174147.71	65287.64	0.375	0.004 6
P62873	Guanine nucleotide-binding protein G	GNB1	79645.95	29791.37	0.374	0.002
P08709	Coagulation factor VII	F7	24723.48	9241.92	0.374	0.071 7
Q8TE68	Epidermal growth factor receptor kinase substrate 8-like protein 1	EPS8L1	47177.33	17633.39	0.374	0.038
P15941	Mucin-1	MUC1	5630490.33	2103382.03	0.374	0.058 8
P63000	Ras-related C3 botulinum toxin substrate 1	RAC1	246407.57	91948.25	0.373	0.000 4
P36969	Phospholipid hydroperoxide glutathione peroxidase	GPX4	10428.84	3889.83	0.373	0.008 2
P07948	Tyrosine-protein kinase Lyn	LYN	18366.13	6845.85	0.373	0.010 2
Q8NBS9	Thioredoxin domain-containing protein 5	TXNDC5	155651.21	57791.44	0.371	0.008 2
Q15904	V-type proton ATPase subunit S1	ATP6AP1	355388.65	131822.03	0.371	0.078 5
P49913	Cathelicidin antimicrobial peptide	CAMP	368593.84	136587.85	0.371	0.037 3
Q8NC42	E3 ubiquitin-protein ligase RNF149	RNF149	325865.98	120417.67	0.37	0.059 8
P06858	Lipoprotein lipase	LPL	49168.33	18126.48	0.369	0.014 3
Q9HBR0	Putative sodium-coupled neutral amino acid transporter 10	SLC38A10	179139.22	65844.9	0.368	0.060 8

Q92896	Golgi apparatus protein 1	GLG1	232759.52	85483.28	0.367	0.026 6
Q5VUB5	Protein FAM171A1	FAM171A1	85989.2	31531.35	0.367	0.088
P80723	Brain acid soluble protein 1	BASP1	101768.32	37201.36	0.366	0.060 8
P54793	Arylsulfatase F	ARSF	40183.66	14676.09	0.365	0.023 7
O75954	Tetraspanin-9	TSPAN9	19336.11	7058.13	0.365	0.007 2
P30048	Thioredoxin-dependent peroxide reductase, mitochondrial	PRDX3	54519.41	19878.4	0.365	0.071 5
Q9H665	IGF-like family receptor 1	IGFLR1	1130183.61	411140.13	0.364	0.114 8
Q5H8C1	FRAS1-related extracellular matrix protein 1	FREM1	27743.84	10083.56	0.363	0.104 7
O75074	Low-density lipoprotein receptor-related protein 3	LRP3	206363.84	74991.97	0.363	0.019 8
O00526	Uroplakin-2	UPK2	202610.94	73350.15	0.362	0.002 9
Q12913	Receptor-type tyrosine-protein phosphatase eta	PTPRJ	651149.75	235151.85	0.361	0.051 2
P01024	Complement C3	C3	706796.94	255219.97	0.361	0.124 7
P48745	CCN family member 3	CCN3	6789529.24	2450080.39	0.361	0.166 4
Q9NY25	C-type lectin domain family 5 member A	CLEC5A	73400.86	26424.14	0.36	0.059 3
Q9NY15	Stabilin-1	STAB1	87295.87	31400.14	0.36	0.079 7
P07339	Cathepsin D	CTSD	1965839.94	706401.35	0.359	0.041 3
Q9BZM4	UL16-binding protein 3	ULBP3	31494.79	11317.17	0.359	0.009 3
Q92956	Tumor necrosis factor receptor superfamily member 14	TNFRSF14	1118367.35	400924.1	0.358	0.068 7
Q96PL5	Erythroid membrane-associated protein	ERMAP	70150.4	25141.9	0.358	0.010 3

Q9NZW4	Dentin sialophosphoprotein [Cleaved into: Dentin phosphoprotein	DSPP	230911.73	82592.24	0.358	0.070 9
Q9BS26	Endoplasmic reticulum resident protein 44	ERP44	95580.07	34068.12	0.356	0.024
P15586	N-acetylglucosamine-6-sulfatase	GNS	2993093.29	1065960.47	0.356	0.058 2
P13987	CD59 glycoprotein	CD59	131166438. 8	46639944.2 2	0.356	0.066 7
Q8IZP9	Adhesion G-protein coupled receptor G2	ADGRG2	116100.56	41249.79	0.355	0.068 4
P17655	Calpain-2 catalytic subunit	CAPN2	17020.48	6043.02	0.355	0.088 3
Q9NQ84	G-protein coupled receptor family C group 5 member C	GPRC5C	1050420.57	372677.76	0.355	0.019 2
Q8IZA0	Dyslexia-associated protein KIAA0319-like protein	KIAA0319L	411993.86	146021.27	0.354	0.037 4
Q96MM7	Heparan-sulfate 6-O-sulfotransferase 2	HS6ST2	68168.83	24129.98	0.354	0.004 3
P55103	Inhibin beta C chain	INHBC	86877.94	30697.61	0.353	0.013 3
P29218	Inositol monophosphatase 1	IMPA1	52898.56	18677.74	0.353	0.055 9
P43627	Killer cell immunoglobulin-like receptor 2DL2	KIR2DL2	52416.78	18500.65	0.353	0.055 7
P46531	Neurogenic locus notch homolog protein 1	NOTCH1	38772.46	13669.41	0.353	0.046 3
Q01151	CD83 antigen	CD83	241869.34	85174.08	0.352	0.016 4
P48637	Glutathione synthetase	GSS	116280.26	40909.36	0.352	0.04
Q16787	Laminin subunit alpha-3	LAMA3	55351.39	19464.05	0.352	0.052
Q14210	Lymphocyte antigen 6D	LY6D	1228560.62	431241.36	0.351	0.074 5
P04216	Thy-1 membrane glycoprotein	THY1	1141864.78	400277.03	0.351	0.071 4

Q9UBR1	Beta-ureidopropionase	UPB1	29172.45	10224.86	0.35	0.110 1
O14786	Neuropilin-1	NRP1	37775.89	13223.83	0.35	0.009 9
Q96RF0	Sorting nexin-18	SNX18	31578.38	11024.95	0.349	0.037 8
Q8NFT8	Delta and Notch-like epidermal growth factor-related receptor	DNER	902362.59	314712.46	0.349	0.097 6
Q9NQS3	Nectin-3	NECTIN3	275629.2	96063.74	0.349	0.018 9
Q6UWL6	Kin of IRRE-like protein 2	KIRREL2	46022.88	16039.29	0.349	0.011 6
P00441	Superoxide dismutase [Cu-Zn]	SOD1	500837.67	173587.3	0.347	0.081 7
Q9NPF0	CD320 antigen	CD320	3705593.6	1283374.58	0.346	0.092 4
Q6UY14	ADAMTS-like protein 4	ADAMTSL4	1190832.36	412214.71	0.346	0.120 4
P34913	Bifunctional epoxide hydrolase 2 [Includes: Cytosolic epoxide hydrolase 2]	EPHX2	39984.75	13819.26	0.346	0.032 2
P00736	Complement C1r subcomponent	C1R	75101.45	25941.48	0.345	0.077 1
Q7L266	Isoaspartyl peptidase/L-asparaginase	ASRGL1	21405.83	7379.64	0.345	0.111 1
P61088	Ubiquitin-conjugating enzyme E2 N	UBE2N	24992.17	8611.15	0.345	0.008 1
Q7Z5L0	Vitelline membrane outer layer protein 1 homolog	VMO1	12822020.7 9	4415954.06	0.344	0.020 6
Q9HC56	Protocadherin-9	PCDH9	76040.07	26150.28	0.344	0.099 2
P05160	Coagulation factor XIII B chain	F13B	40262.95	13781.86	0.342	0.001 1
Q13873	Bone morphogenetic protein receptor type-2	BMPR2	373757.51	127553.22	0.341	0.016 2
P61225	Ras-related protein Rap-2b	RAP2B	21753.05	7417.75	0.341	0.009 1
P80303	Nucleobindin-2	NUCB2	31280.41	10663.36	0.341	0.006

Q8NI99	Angiopoietin-related protein 6	ANGPTL6	35990.2	12250.13	0.34	0.013 1
P10721	Mast/stem cell growth factor receptor Kit	KIT	31064.33	10546.76	0.34	0.048
Q9H9H4	Vacuolar protein sorting-associated protein 37B	VPS37B	57752.52	19569.85	0.339	0.080 9
P02462	Collagen alpha-1	COL4A1	429371.05	145160.49	0.338	0.017 2
P17643	5,6-dihydroxyindole-2-carboxylic acid oxidase	TYRP1	61211.81	20595.16	0.336	0.057 4
Q01459	Di-N-acetylchitobiase	CTBS	1819784.23	611862.8	0.336	0.041 4
Q96EY5	Multivesicular body subunit 12A	MVB12A	128474.81	43188.31	0.336	0.002 3
P0C7U0	Protein ELFN1	ELFN1	171353.12	57525.08	0.336	0.086 1
Q1L6U9	Prostate-associated microseminoprotein	MSMP	55840.27	18662.49	0.334	0.113 9
P31948	Stress-induced-phosphoprotein 1	STIP1	36239.9	12099.1	0.334	0.113 7
P55957	BH3-interacting domain death agonist	BID	106021.22	35143.29	0.331	0.023 8
P05107	Integrin beta-2	ITGB2	492647.22	162963.61	0.331	0.026 1
O75095	Multiple epidermal growth factor-like domains protein 6	MEGF6	82795.81	27373.81	0.331	0.077 6
Q9H1C7	Cysteine-rich and transmembrane domain-containing protein 1	CYSTM1	207915.25	68519.34	0.33	0.005 8
Q96S96	Phosphatidylethanolamine-binding protein 4	PEBP4	392665.14	128967.8	0.328	0.093 7
Q8N2S1	Latent-transforming growth factor beta-binding protein 4	LTBP4	543867.62	178531.93	0.328	0.11
P19022	Cadherin-2	CDH2	2775673.3	908459.75	0.327	0.044 8

Q96CS7	Pleckstrin homology domain-containing family B member 2	PLEKHB2	55868.24	18248.36	0.327	0.0036
Q6UXG3	CMRF35-like molecule 9	CD300LG	1157574.89	377429.14	0.326	0.0239
Q13621	Solute carrier family 12 member 1	SLC12A1	195278.3	63639.03	0.326	0.0004
Q13103	Secreted phosphoprotein 24	SPP2	35512.61	11560.42	0.326	0.0023
Q8N8Z6	Discoidin, CUB and LCCL domain-containing protein 1	DCBLD1	63212.23	20520.73	0.325	0.0731
P78371	T-complex protein 1 subunit beta	CCT2	17928.98	5809.45	0.324	0.0717
P22304	Iduronate 2-sulfatase	IDS	123034.05	39745.92	0.323	0.0273
Q695T7	Sodium-dependent neutral amino acid transporter B	SLC6A19	60728.74	19617.81	0.323	0.1145
Q9BV40	Vesicle-associated membrane protein 8	VAMP8	23558.14	7595.05	0.322	0.0495
Q9UBI6	Guanine nucleotide-binding protein G	GNG12	131774.16	42428.22	0.322	0.0355
Q8IXL6	Extracellular serine/threonine protein kinase FAM20C	FAM20C	805617.22	258567.76	0.321	0.1833
P48960	Adhesion G protein-coupled receptor E5	ADGRE5	101855.42	32613.14	0.32	0.0386
P10809	60 kDa heat shock protein, mitochondrial	HSPD1	15804.41	5060.19	0.32	0.099
Q8N114	Protein shisa-5	SHISA5	5262086.26	1683383.49	0.32	0.2155
Q96KN2	Beta-Ala-His dipeptidase	CNDP1	38889.58	12424.64	0.319	0.1457
P16442	Histo-blood group ABO system transferase	ABO	71090.01	22696.12	0.319	0.0453
Q969Z4	Tumor necrosis factor receptor superfamily member 19L	RELT	728925.27	231756.58	0.318	0.0348

P17931	Galectin-3	LGALS3	281963.51	89540.77	0.318	0.046 7
Q9GZM5	Protein YIPF3	YIPF3	193905641. 1	61519283	0.317	0.134 1
Q8NHL6	Leukocyte immunoglobulin-like receptor subfamily B member 1	LILRB1	56822.67	18023.55	0.317	0.022 8
O94991	SLIT and NTRK-like protein 5	SLITRK5	31351.32	9910.71	0.316	0.076 2
P62328	Thymosin beta-4	TMSB4X	155188.53	48965.21	0.316	0.126 8
P14174	Macrophage migration inhibitory factor	MIF	1818711.28	573740.7	0.315	0.034 4
Q9UQB8	Brain-specific angiogenesis inhibitor 1-associated protein 2	BAIAP2	61562.67	19340.69	0.314	0.022 5
P00740	Coagulation factor IX	F9	186121.89	58176.85	0.313	0.155 5
Q96B86	Repulsive guidance molecule A	RGMA	491921.64	153746.91	0.313	0.096
O95954	Formimidoyltransferase-cyclodeaminase	FTCD	58075.34	18147.31	0.312	0.014 5
Q13740	CD166 antigen	ALCAM	54825.01	17125.52	0.312	0.042 7
Q8N2U0	Transmembrane protein 256	TMEM256	325870.79	101747.57	0.312	0.085 4
Q53TN4	Plasma membrane ascorbate-dependent reductase CYBRD1	CYBRD1	214019.22	66719.89	0.312	0.007 4
P52758	2-iminobutanoate/2-iminopropanoate deaminase	RIDA	326211.97	101685.7	0.312	0.034 7
P05089	Arginase-1	ARG1	58926.99	18368.21	0.312	0.011 2
Q12866	Tyrosine-protein kinase Mer	MERTK	44909.92	13988.86	0.311	0.010 4
P06870	Kallikrein-1	KLK1	3000489.21	934186.14	0.311	0.013 3
P20810	Calpastatin	CAST	27974.88	8696.58	0.311	0.062 3

P07900	Heat shock protein HSP 90-alpha	HSP90AA1	368029.73	114362.8	0.311	0.078 2
Q86SQ4	Adhesion G-protein coupled receptor G6	ADGRG6	52589.76	16321.89	0.31	0.028 4
Q13822	Ectonucleotide pyrophosphatase/phosphodiesterase family member 2	ENPP2	95415.34	29608.81	0.31	0.108 5
O95497	Pantetheinase	VNN1	376445.4	116691.49	0.31	0.122
P14324	Farnesyl pyrophosphate synthase	FDPS	21697.18	6716.65	0.31	0.106 5
O94985	Calsyntenin-1	CLSTN1	394810.93	122156.39	0.309	0.034 5
O43511	Pendrin	SLC26A4	43094.19	13283.94	0.308	0.077
Q8IWW2	Contactin-4	CNTN4	21603.58	6644.77	0.308	0.007 5
P27169	Serum paraoxonase/arylesterase 1	PON1	52421.49	16052.38	0.306	0.105
Q8WWA0	Intelectin-1	ITLN1	705883.25	215574.47	0.305	0.228 6
P08138	Tumor necrosis factor receptor superfamily member 16	NGFR	5554479.35	1695852.44	0.305	0.073
P00751	Complement factor B	CFB	439450.76	134069.07	0.305	0.04
P05556	Integrin beta-1	ITGB1	496726.52	151348.27	0.305	0.086 4
O00754	Lysosomal alpha-mannosidase	MAN2B1	64774.78	19672.43	0.304	0.048 8
Q8IZJ3	C3 and PZP-like alpha-2-macroglobulin domain-containing protein 8	CPAMD8	33881.18	10287.44	0.304	0.036 6
O95630	STAM-binding protein	STAMPB	34040.83	10316.97	0.303	0.047 9
Q08431	Lactadherin	MFGE8	38784.24	11735.19	0.303	0.011 7
Q8WWV6	High affinity immunoglobulin alpha and immunoglobulin mu Fc receptor	FCAMR	273337.16	82573.06	0.302	0.052 2
P16035	Metalloproteinase inhibitor 2	TIMP2	265141.13	80051.6	0.302	0.032 3

O95388	CCN family member 4	CCN4	690686.62	208170.37	0.301	0.084 2
P15529	Membrane cofactor protein	CD46	143230.51	43104.43	0.301	0.082 9
O75369	Filamin-B	FLNB	130742.77	39316.09	0.301	0.106
Q14254	Flotillin-2	FLOT2	24881.49	7467.87	0.3	0.007 8
Q99784	Noelin	OLFM1	196904.74	59038.06	0.3	0.099 6
P17181	Interferon alpha/beta receptor 1	IFNAR1	35733.52	10707.95	0.3	0.008 4
Q9Y6U3	Adseverin	SCIN	29449.04	8813.99	0.299	0.105 2
P29966	Myristoylated alanine-rich C-kinase substrate	MARCKS	197118.43	58462.23	0.297	0.130 2
P50897	Palmitoyl-protein thioesterase 1	PPT1	190050.83	56332.81	0.296	0.009 7
Q92563	Testican-2	SPOCK2	427197.14	126592.14	0.296	0.040 3
Q9UIK5	Tomoregulin-2	TMEFF2	72364.06	21369.65	0.295	0.054 5
P07996	Thrombospondin-1	THBS1	761179.89	223517.62	0.294	0.076 6
Q13291	Signaling lymphocytic activation molecule	SLAMF1	120354.4	35338.04	0.294	0.061 2
Q8WU39	Marginal zone B- and B1-cell-specific protein	MZB1	62248.34	18266.41	0.293	0.052 2
O60613	Selenoprotein F	SELENOF	22355.79	6543.78	0.293	0.008 3
Q9NVS9	Pyridoxine-5'-phosphate oxidase	PNPO	68960.29	20149.83	0.292	0.019 3
Q9BUJ0	Protein ABHD14A	ABHD14A	31802.25	9273.14	0.292	0.045 1
P47895	Aldehyde dehydrogenase family 1 member A3	ALDH1A3	107674.04	31365.93	0.291	0.044 1
Q9Y6E0	Serine/threonine-protein kinase 24	STK24	49819.1	14491.94	0.291	0.050 1
Q9NQ38	Serine protease inhibitor Kazal-type 5	SPINK5	790124.4	229298.98	0.29	0.096 6

P0DMQ5	Putative transmembrane protein INAFM2	INAFM2	24775331.9 3	7154769.24	0.289	0.111 7
Q4LDE5	Sushi, von Willebrand factor type A, EGF and pentraxin domain- containing protein 1	SVEP1	96747.71	27798.24	0.287	0.028 6
P36957	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex, mitochondrial	DLST	2017700.3	577625.58	0.286	0.144 3
P00492	Hypoxanthine-guanine phosphoribosyltransferase	HPRT1	26387.4	7541.86	0.286	0.028 2
Q96HD1	Protein disulfide isomerase CRELD1	CRELD1	77216.77	22021.97	0.285	0.029 5
Q10471	Polypeptide N- acetylgalactosaminyltransferase 2	GALNT2	40250.05	11400.22	0.283	0.007 1
P31785	Cytokine receptor common subunit gamma	IL2RG	43772.72	12397.2	0.283	0.033 1
P12259	Coagulation factor V	F5	621377.41	175094.72	0.282	0.063 4
Q01518	Adenylyl cyclase-associated protein 1	CAP1	121296.37	34167.83	0.282	0.038 5
P63096	Guanine nucleotide-binding protein G	GNAI1	98863.04	27814.38	0.281	0.005 7
Q5KU26	Collectin-12	COLEC12	1171051.44	328338.98	0.28	0.106 2
P05997	Collagen alpha-2	COL5A2	5690041.7	1593563.33	0.28	0.003 3
Q9NRV9	Heme-binding protein 1	HEBP1	78428.72	21902.66	0.279	0.013 2
O95502	Neuronal pentraxin receptor	NPTXR	289855.81	80761.38	0.279	0.130 4
P24752	Acetyl-CoA acetyltransferase, mitochondrial	ACAT1	38806.62	10793.7	0.278	0.015 8

Q99674	Cell growth regulator with EF hand domain protein 1	CGREF1	145107.15	40338.7	0.278	0.0713
O43866	CD5 antigen-like	CD5L	342261.78	95087.74	0.278	0.0236
P42126	Enoyl-CoA delta isomerase 1, mitochondrial	ECI1	28488.72	7908.33	0.278	0.017
Q9UKM7	Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha-mannosidase	MAN1B1	34165.88	9434.23	0.276	0.0108
P48061	Stromal cell-derived factor 1	CXCL12	701104.36	193000.35	0.275	0.0329
Q13201	Multimerin-1	MMRN1	2978540.78	817486	0.274	0.0849
P23471	Receptor-type tyrosine-protein phosphatase zeta	PTPRZ1	76458.56	20961.61	0.274	0.0498
Q96GP6	Scavenger receptor class F member 2	SCARF2	194903.15	53318.56	0.274	0.1024
P50135	Histamine N-methyltransferase	HNMT	22111.94	6046.69	0.273	0.045
Q07654	Trefoil factor 3	TFF3	3243324.91	885972.04	0.273	0.1555
Q6UX06	Olfactomedin-4	OLFM4	450182.28	122766.22	0.273	0.0156
P14778	Interleukin-1 receptor type 1	IL1R1	35587.73	9703.81	0.273	0.0464
Q9UN66	Protocadherin beta-8	PCDHB8	96758.68	26355.05	0.272	0.0366
P98161	Polycystin-1	PKD1	33305.63	9026.08	0.271	0.0487
O60568	Multifunctional procollagen lysine hydroxylase and glycosyltransferase LH3 [Includes: Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3	PLOD3	162063.85	43805.63	0.27	0.0124
P18827	Syndecan-1	SDC1	3646973.57	985068.83	0.27	0.0779

Q96DR8	Mucin-like protein 1	MUCL1	3704476.37	999462.74	0.27	0.062
Q16363	Laminin subunit alpha-4	LAMA4	693687.65	186889.57	0.269	0.034 4
P54826	Growth arrest-specific protein 1	GAS1	288571.5	77627.79	0.269	0.043 8
Q05707	Collagen alpha-1	COL14A1	513213.04	137500.34	0.268	0.052 3
P36980	Complement factor H-related protein 2	CFHR2	83994.87	22273.95	0.265	0.014 9
Q02747	Guanylin	GUCA2A	1823872.69	482462.57	0.265	0.092 7
P0DP23	Calmodulin-1	CALM1	817485.22	215519	0.264	0.101
Q9H0W9	Ester hydrolase C11orf54	C11orf54	293074.4	77171.74	0.263	0.078
P00746	Complement factor D	CFD	172493.65	45287.43	0.263	0.015 2
P29992	Guanine nucleotide-binding protein subunit alpha-11	GNA11	166165.35	43537.05	0.262	0.031 1
Q9ULZ9	Matrix metalloproteinase-17	MMP17	57731.73	15100.73	0.262	0.007 2
P14209	CD99 antigen	CD99	257130.28	67188.83	0.261	0.127 8
Q8NFP4	MAM domain-containing glycosylphosphatidylinositol anchor protein 1	MDGA1	27493.56	7179.78	0.261	0.015 7
P24821	Tenascin	TNC	1973712.2	515063.54	0.261	0.009 3
O00159	Unconventional myosin-Ic	MYO1C	62266.33	16211.63	0.26	0.008 1
P16284	Platelet endothelial cell adhesion molecule	PECAM1	1049746.58	271169.08	0.258	0.069 4
P13942	Collagen alpha-2	COL11A2	526516.31	135995.61	0.258	0.044 8
Q14508	WAP four-disulfide core domain protein 2	WFDC2	42225483.0 9	10895177.6	0.258	0.105 5
P02751	Fibronectin	FN1	18110135.1 7	4661454.22	0.257	0.033 7
P11117	Lysosomal acid phosphatase	ACP2	3506696.44	901167.29	0.257	0.023

O75022	Leukocyte immunoglobulin-like receptor subfamily B member 3	LILRB3	167876.67	43049.83	0.256	0.0279
Q02809	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 1	PLOD1	107239.42	27394.99	0.255	0.0551
P10646	Tissue factor pathway inhibitor	TFPI	118925.11	30162.63	0.254	0.0506
P04004	Vitronectin	VTN	8148280.43	2062558.65	0.253	0.0139
P49746	Thrombospondin-3	THBS3	232285.13	58641.97	0.252	0.0333
Q9GZM7	Tubulointerstitial nephritis antigen-like	TINAGL1	179560.02	45184.39	0.252	0.0079
P35443	Thrombospondin-4	THBS4	452311.44	113284.93	0.25	0.0364
Q07954	Prolow-density lipoprotein receptor-related protein 1	LRP1	905410.76	224713.49	0.248	0.0854
P21796	Voltage-dependent anion-selective channel protein 1	VDAC1	69115.96	17139.6	0.248	0.0092
P21333	Filamin-A	FLNA	248560.2	61541.68	0.248	0.1002
P49747	Cartilage oligomeric matrix protein	COMP	1313303.64	322489.91	0.246	0.0529
Q6ZSJ9	Protein shisa-6	SHISA6	896796.34	220163.93	0.246	0.0679
P55268	Laminin subunit beta-2	LAMB2	102283.07	25043.38	0.245	0.0611
Q5FWE3	Proline-rich transmembrane protein 3	PRRT3	978688.63	238181.01	0.243	0.1081
P02679	Fibrinogen gamma chain	FGG	174014.6	42014.94	0.241	0.1268
O76070	Gamma-synuclein	SNCG	68446.05	16512.55	0.241	0.0122
O75955	Flotillin-1	FLOT1	31823.62	7672.71	0.241	0.0149
P01860	Immunoglobulin heavy constant gamma 3	IGHG3	857091.52	206639.83	0.241	0.0768

P0DP57	Secreted Ly-6/uPAR domain-containing protein 2	SLURP2	16040661.2 1	3859952.06	0.241	0.154 1
Q14247	Src substrate cortactin	CTTN	709432.82	170167.84	0.24	0.083
P14780	Matrix metalloproteinase-9	MMP9	622358.89	148471.48	0.239	0.076 9
Q9BRN9	TM2 domain-containing protein 3	TM2D3	44337.89	10560.97	0.238	0.043 6
P20827	Ephrin-A1	EFNA1	612732.74	145749.28	0.238	0.063 7
P23468	Receptor-type tyrosine-protein phosphatase delta	PTPRD	174939.44	41580.23	0.238	0.060 5
Q9UHG2	ProSAAS	PCSK1N	700459.9	166342.71	0.237	0.105 4
Q9UIV8	Serpin B13	SERPINB13	23352.25	5506.52	0.236	0.105 1
Q15746	Myosin light chain kinase, smooth muscle	MYLK	994567.93	233765.84	0.235	0.057 5
Q9UHR4	Brain-specific angiogenesis inhibitor 1-associated protein 2-like protein 1	BAIAP2L1	58781.66	13745.21	0.234	0.022 7
Q9UBX5	Fibulin-5	FBLN5	4715517.45	1098719.96	0.233	0.105 2
P31689	DnaJ homolog subfamily A member 1	DNAJA1	27545.25	6382.04	0.232	0.038 2
P00748	Coagulation factor XII	F12	278920.56	64539.96	0.231	0.034
Q8TCZ2	CD99 antigen-like protein 2	CD99L2	85778.61	19731.67	0.23	0.060 3
P08779	Keratin, type I cytoskeletal 16	KRT16	28962.76	6629.17	0.229	0.082 6
P35916	Vascular endothelial growth factor receptor 3	FLT4	46403.48	10601.36	0.228	0.048 4
P22692	Insulin-like growth factor-binding protein 4	IGFBP4	59810.88	13645.31	0.228	0.040 7
P07858	Cathepsin B	CTSB	558432.24	127160.68	0.228	0.012 6
P32004	Neural cell adhesion molecule L1	L1CAM	435837.04	98987.14	0.227	0.077 2

Q96JF0	Beta-galactoside alpha-2,6-sialyltransferase 2	ST6GAL2	358817.02	81314.49	0.227	0.109 4
Q86Y38	Xylosyltransferase 1	XYLT1	935502.33	211727.99	0.226	0.078 9
Q99715	Collagen alpha-1	COL12A1	34498422.9 1	7802119.9	0.226	0.077 4
Q9UJ68	Mitochondrial peptide methionine sulfoxide reductase	MSRA	30856.06	6927.91	0.225	0.099 1
P54727	UV excision repair protein RAD23 homolog B	RAD23B	35898.35	8057	0.224	0.047 6
P48643	T-complex protein 1 subunit epsilon	CCT5	20957.3	4702.84	0.224	0.043 3
Q9P0T7	Proton-transporting V-type ATPase complex assembly regulator TMEM9	TMEM9	1075003.19	240989.56	0.224	0.059 1
Q9H1U4	Multiple epidermal growth factor-like domains protein 9	MEGF9	362889.72	81278.62	0.224	0.026 3
Q9UQP3	Tenascin-N	TNN	65506.39	14584.36	0.223	0.040 7
Q9BZR6	Reticulon-4 receptor	RTN4R	120208.5	26637.1	0.222	0.041 9
O14594	Neurocan core protein	NCAN	1259693.27	276385.54	0.219	0.117
Q8WXH0	Nesprin-2	SYNE2	63774.16	13952.13	0.219	0.034 8
Q7Z7M8	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 8	B3GNT8	47148.18	10243.33	0.217	0.015 6
Q13813	Spectrin alpha chain, non-erythrocytic 1	SPTAN1	17822.09	3860.15	0.217	0.042 7
P13284	Gamma-interferon-inducible lysosomal thiol reductase	IFI30	212559.94	45674.22	0.215	0.046
P19971	Thymidine phosphorylase	TYMP	38685.15	8302.1	0.215	0.082 6
Q9BQI0	Allograft inflammatory factor 1-like	AIF1L	74798.24	15969.85	0.214	0.068 8

P05060	Secretogranin-1	CHGB	4921813.31	1048430.45	0.213	0.103 6
P01210	Proenkephalin-A [Cleaved into: Synenkephalin; Met-enkephalin	PENK	3168023.77	666125.67	0.21	0.100 1
Q13508	Ecto-ADP-ribosyltransferase 3	ART3	3619957.81	759766.19	0.21	0.104 5
Q6W4X9	Mucin-6	MUC6	130330.61	27131.73	0.208	0.055 9
Q96NZ9	Proline-rich acidic protein 1	PRAP1	132929.2	27631.56	0.208	0.050 9
Q53H76	Phospholipase A1 member A	PLA1A	37607.6	7719.7	0.205	0.025 4
Q99435	Protein kinase C-binding protein NELL2	NELL2	48278.12	9872.48	0.204	0.081 5
P55259	Pancreatic secretory granule membrane major glycoprotein GP2	GP2	131103.37	26694.92	0.204	0.059 3
Q9UMX5	Neudesin	NENF	1037271.53	210716.33	0.203	0.113 8
Q2UY09	Collagen alpha-1	COL28A1	508486.84	103147.29	0.203	0.058 4
P13671	Complement component C6	C6	2946685.79	591041.05	0.201	0.012 5
Q86UN2	Reticulon-4 receptor-like 1	RTN4RL1	20817.36	4171.79	0.2	0.080 5
Q96GW7	Brevican core protein	BCAN	2295586.94	460034.25	0.2	0.141 8
Q9NTK5	Obg-like ATPase 1	OLA1	27307.91	5468.32	0.2	0.054 3
P09382	Galectin-1	LGALS1	36188.79	7195.28	0.199	0.006 9
Q86UX2	Inter-alpha-trypsin inhibitor heavy chain H5	ITIH5	108093.86	21279.94	0.197	0.069 2
Q12929	Epidermal growth factor receptor kinase substrate 8	EPS8	257061.71	50590.2	0.197	0.049
Q96BN2	Transcriptional adapter 1	TADA1	26779.65	5212.97	0.195	0.081 5

O43451	Maltase-glucoamylase, intestinal [Includes: Maltase	MGAM	2418544.03	468967.84	0.194	0.0578
P02511	Alpha-crystallin B chain	CRYAB	102939.64	19662.15	0.191	0.0059
P16422	Epithelial cell adhesion molecule	EPCAM	125970.78	23969.35	0.19	0.0698
Q14376	UDP-glucose 4-epimerase	GALE	458489.71	87103.9	0.19	0.0722
P49418	Amphiphysin	AMPH	276863.28	52593.6	0.19	0.0543
P12110	Collagen alpha-2	COL6A2	125216.82	23608.49	0.189	0.0532
Q6PCB0	von Willebrand factor A domain-containing protein 1	VWA1	313471.04	58791.63	0.188	0.0649
O60687	Sushi repeat-containing protein SRPX2	SRPX2	163218.71	30590.63	0.187	0.0879
Q16698	2,4-dienoyl-CoA reductase [DECR1	40730.88	7519.39	0.185	0.0901
P04003	C4b-binding protein alpha chain	C4BPA	206546.39	37538.27	0.182	0.0633
P49908	Selenoprotein P	SELENOP	4873357.72	884010.67	0.181	0.0695
Q9Y6C2	EMILIN-1	EMILIN1	47916.11	8524.88	0.178	0.0418
P01344	Insulin-like growth factor II	IGF2	145931.06	24781.62	0.17	0.0164
Q09028	Histone-binding protein RBBP4	RBBP4	179402.32	30423.6	0.17	0.0386
Q9UNZ2	NSFL1 cofactor p47	NSFL1C	262500.82	44166.48	0.168	0.1169
Q9NNX6	CD209 antigen	CD209	857810.36	139867.17	0.163	0.0453
Q9BUN1	Protein MENT	MENT	220452.26	35678.4	0.162	0.0274
P02533	Keratin, type I cytoskeletal 14	KRT14	153899.86	24862.02	0.162	0.0348
P06681	Complement C2	C2	749660.45	119495.89	0.159	0.0641
Q92954	Proteoglycan 4	PRG4	841031.6	133705.78	0.159	0.0975

O95747	Serine/threonine-protein kinase OSR1	OXSR1	24153.34	3759.3	0.156	0.0319
Q13753	Laminin subunit gamma-2	LAMC2	167421.02	25843.98	0.154	0.085
Q92743	Serine protease HTRA1	HTRA1	167883.28	25746.05	0.153	0.0895
Q15517	Corneodesmosin	CDSN	212835.36	32454.35	0.152	0.079
P24593	Insulin-like growth factor-binding protein 5	IGFBP5	498312.77	75166.94	0.151	0.0893
P35556	Fibrillin-2 [Cleaved into: Fibrillin-2 C-terminal peptide]	FBN2	101715.41	15307.15	0.15	0.0712
P08253	72 kDa type IV collagenase	MMP2	114307.37	17182.56	0.15	0.0826
Q8IWU5	Extracellular sulfatase Sulf-2	SULF2	22326555.51	3295478.38	0.148	0.0881
Q13421	Mesothelin	MSLN	1389290.84	200442.69	0.144	0.1032
Q8NOV4	Leucine-rich repeat LGI family member 2	LGI2	130609.53	18814.29	0.144	0.0749
Q16610	Extracellular matrix protein 1	ECM1	175542.97	25249.31	0.144	0.1041
P00995	Serine protease inhibitor Kazal-type 1	SPINK1	1409671.91	197100.56	0.14	0.1241
P02458	Collagen alpha-1	COL2A1	3037264.33	422946.01	0.139	0.0756
P31431	Syndecan-4	SDC4	1277760.6	171789.56	0.134	0.0937
P09486	SPARC	SPARC	198014.06	26277.64	0.133	0.0793
P21709	Ephrin type-A receptor 1	EPHA1	1052769.05	129756.56	0.123	0.0761
Q12864	Cadherin-17	CDH17	292264.25	35905.95	0.123	0.0566
P82987	ADAMTS-like protein 3	ADAMTSL3	63539.1	7595.41	0.12	0.055
P10316	HLA class I histocompatibility antigen, A alpha chain	HLA-A	205766.92	23893.77	0.116	0.0845
Q14847	LIM and SH3 domain protein 1	LASP1	346500.93	39639.81	0.114	0.0775

Q92626	Peroxidasin homolog	PXDN	184514.27	19162.02	0.104	0.076 6
P07437	Tubulin beta chain	TUBB	684560.65	70752.35	0.103	0.048 6
O95450	A disintegrin and metalloproteinase with thrombospondin motifs 2	ADAMTS2	222281.71	22952.12	0.103	0.091 7
P01303	Pro-neuropeptide Y [Cleaved into: Neuropeptide Y	NPY	119012.74	11941.09	0.1	0.093 9
P08123	Collagen alpha-2	COL1A2	1075870.26	107268.1	0.1	0.085 6
Q9HBG4	V-type proton ATPase 116 kDa subunit a isoform 4	ATP6V0A4	243831.53	23757.88	0.097	0.010 9
P05546	Heparin cofactor 2	SERPIND1	1352001.63	121349.2	0.09	0.104 6
P05106	Integrin beta-3	ITGB3	274672.09	24255.88	0.088	0.063 2
Q9ULB1	Neurexin-1	NRXN1	511267.91	43042.62	0.084	0.093 2
Q9UM47	Neurogenic locus notch homolog protein 3	NOTCH3	1533077.23	128286.67	0.084	0.093 1
P50053	Ketohexokinase	KHK	577485.87	44884.22	0.078	0.037 9
P05451	Lithostathine-1-alpha	REG1A	14871742.1 8	1033680.01	0.07	0.089 5
P07358	Complement component C8 beta chain	C8B	1062867.35	72010.34	0.068	0.088 8
O15240	Neurosecretory protein VGF [Cleaved into: Neuroendocrine regulatory peptide-1	VGf	6015137.32	390683.85	0.065	0.100 3
O75094	Slit homolog 3 protein	SLIT3	443770.53	28653.69	0.065	0.065 3
P12107	Collagen alpha-1	COL11A1	5093591.43	325352.04	0.064	0.053 8
P01116	GTPase KRas	KRAS	88457.02	4326.34	0.049	0.065 3
P48304	Lithostathine-1-beta	REG1B	354622.9	16861.26	0.048	0.089
P02461	Collagen alpha-1	COL3A1	1455978.26	62184.74	0.043	0.087

