

Table 1 of the supplementary data. Baseline characteristics of proteomic samples

	LAAT/SEC group (n=4)	Control group (n=4)	P
Age, y	60.5 ± 18.8	60.3 ± 6.1	.981
Male sex	3 (75)	3 (75)	.999
Body mass index, kg/m ²	25.8 ± 3.2	22.5 ± 2.0	.119
Smoking	1 (25)	3 (75)	.999
Alcohol consumption	1 (25)	2 (50)	.999
Heart failure	1 (25)	0 (0)	.999
Hypertension	3 (75)	1 (25)	.486
Diabetes	1 (25)	0 (0)	.999
Past stroke	1 (25)	1 (25)	.999
Hyperlipidemia	1 (25)	0 (0)	.999
Malignant tumor	0 (0)	0 (0)	-
Coronary heart disease	3 (75)	0 (0)	.143
Anticoagulation therapy	3 (75)	1 (25)	.486
Statins	2 (50)	1 (25)	.999
Calcium channel blockers	1 (25)	0 (0)	.999
ACEI/ARB	2 (50)	0 (0)	.429
Beta-blockers	3 (75)	1 (25)	.486
Antiarrhythmic drugs	2 (50)	1 (25)	.999
Diuretics	1 (25)	0 (0)	.999
CHA2DS2-VASc	2.8 ± 1.7	1.3 ± 2.5	.360
HAS-BLED	1.3 ± 1.3	1.3 ± 2.5	.999
White blood cell count, ×10 ⁹	5.1 ± 0.4	5.6 ± 1	.395
Red blood cell count, ×10 ¹²	4.4 ± 0.9	4.3 ± 0.5	.776
Hemoglobin, g/L	143.3 ± 22.4	131.5 ± 19.6	.460
Platelet Count, ×10 ⁹	159.8 ± 43.9	182.8 ± 57.6	.549
Red blood cell distribution width	12.2 ± 0.1	12.9 ± 0.6	.053
Blood urea nitrogen, mmol/L	5.3 ± 1	5.4 ± 0.9	.972
Blood creatinine, umol/L	76.3 ± 7.5	74.3 ± 10.1	.764
Potassium, K+, mmol/L	3.8 ± 0.1	3.9 ± 0.3	.925
Sodium, Na+, mmol/L	139.5 ± 2.4	140.9 ± 2.2	.403
Chloride, Cl-, mmol/L	106.6 ± 4.4	107.7 ± 3.6	.719
Calcium, Ca ²⁺ , mmol/L	2.2 ± 0.2	2.2 ± 0.1	.908
Alanine aminotransferase, U/L	23.1 ± 5.7	25 ± 12.9	.789
Aspartate aminotransferase, U/L	22.5 ± 4.1	24 ± 9.9	.800
Total cholesterol, mmol/L	4.4 ± 0.6	4.5 ± 0.9	.898

<i>Triglycerides, mmol/L</i>	1.3 ± 0.6	0.9 ± 0.2	.170
<i>HDL-C, mmol/L</i>	1.3 ± 0.3	1.6 ± 0.4	.437
<i>LDL-C, mmol/L</i>	2.4 ± 0.3	2.3 ± 0.8	.795
<i>PT, s</i>	12.2 ± 0.5	15.6 ± 4.5	.222
<i>INR</i>	1.1 ± 0	1.4 ± 0.4	.222
<i>Fibrinogen, g/L</i>	2.9 ± 0.8	2.8 ± 0.4	.827
<i>APTT, s</i>	31.2 ± 2.5	34.7 ± 3.6	.165
<i>D-Dimer, ng/mL</i>	135 ± 148.4	89.5 ± 69	.598
<i>NT-proBNP, pg/mL</i>	764.3 ± 489.2	63.5 ± 27.9	.029
<i>Troponin I, pg/mL</i>	3.75 ± 4.25	2.25 ± 2.87	.585
<i>LAD, mm</i>	47.3 ± 8.5	33.8 ± 3.2	.024
<i>LVEF, %</i>	52.8 ± 13.9	59.5 ± 6.5	.412
<i>LAAFV, m/s</i>	0.273 ± 0.030	0.643 ± 0.051	< .001
<i>MDLAAO, mm</i>	27.8 ± 4.3	25.7 ± 2.5	.429
<i>LAA Depth, mm</i>	34.3 ± 5.6	34.7 ± 9.1	.932
<i>Morphology classification</i>			.446
Cauliflower	2 (50)	1 (25)	
Windsack	1 (25)	0 (0)	
Chicken Wing	0 (0)	1 (25)	
Cactus	2 (50)	1 (25)	
Orifice Type			.368
Oval	3 (75)	3 (75)	
Round	1 (25)	0 (0)	
Teardrop	0 (0)	0 (0)	
Triangle	0 (0)	0 (0)	
Footprint	0 (0)	0 (0)	

APTT, activated partial thromboplastin time; INR, international normalized ratio; LAA, left atrial appendage; LAAFV, left atrial appendage flow velocity; LAD, left atrial diameter; LVEF, left ventricular ejection fraction; MDLAAO, maximum diameter of left atrial appendage ostium; PT, prothrombin time.

The data are presented as No. (%) or mean ± standard deviation.

Table 2 of the supplementary data: Protein identification list

Protein	Protein description	Sequence number
A0A075B6H9	Immunoglobulin lambda variable 4-69	1
A0A075B6I4	Immunoglobulin lambda variable 10-54	1
A0A075B6I9	Immunoglobulin lambda variable 7-46	1
A0A075B6J9	Immunoglobulin lambda variable 2-18	1
A0A075B6K4	Immunoglobulin lambda variable 3-10	2
A0A075B6K5	Immunoglobulin lambda variable 3-9	1
A0A075B6P5	Immunoglobulin kappa variable 2-28	2
A0A075B6R9	Probable nonfunctional immunoglobulin kappa variable 2D-24	2
A0A075B6S2	Immunoglobulin kappa variable 2D-29	1
A0A075B6S5	Immunoglobulin kappa variable 1-27	2
A0A0A0MRZ8	Immunoglobulin kappa variable 3D-11	1
A0A0A0MS15	Immunoglobulin heavy variable 3-49	1
A0A0A0MT36	Immunoglobulin kappa variable 6D-21	1
A0A0B4J1V1	Immunoglobulin heavy variable 3-21	1
A0A0B4J1V6	Immunoglobulin heavy variable 3-73	2
A0A0B4J1Y8	Immunoglobulin lambda variable 9-49	1
A0A0B4J1Y9	Immunoglobulin heavy variable 3-72	1
A0A0C4DH32	Immunoglobulin heavy variable 3-20	1
A0A0C4DH67	Immunoglobulin kappa variable 1-8	3
A0A0C4DH73	Immunoglobulin kappa variable 1-12	1
A0A0J9YX35	Immunoglobulin heavy variable 3-64D	1
A0FGR8	Extended synaptotagmin-2	1
A0M8Q6	Immunoglobulin lambda constant 7	1
A4D1P6	WD repeat-containing protein 91	1
E9PAV3	"Nascent polypeptide-associated complex subunit alpha, muscle-specific form"	1
O00139	Kinesin-like protein KIF2A	2
O00161	Synaptosomal-associated protein 23	2
O00178	GTP-binding protein 1	1
O00187	Mannan-binding lectin serine protease 2	6
O00203	AP-3 complex subunit beta-1	1
O00231	26S proteasome non-ATPase regulatory subunit 11	2
O00233	26S proteasome non-ATPase regulatory subunit 9	1
O00299	Chloride intracellular channel protein 1	2
O00339	Matrilin-2	1
O00391	Sulfhydryl oxidase 1	22
O00410	Importin-5	2
O00429	Dynamin-1-like protein	4
O00468	Agrin	1
O00479	High mobility group nucleosome-binding domain-containing protein 4	1
O00534	von Willebrand factor A domain-containing protein 5A	1
O00571	ATP-dependent RNA helicase DDX3X	3
O00602	Ficolin-1	1
O00626	C-C motif chemokine 22	1
O14561	"Acyl carrier protein, mitochondrial"	1
O14602	"Eukaryotic translation initiation factor 1A, Y-chromosomal	2

O14617	AP-3 complex subunit delta-1	1
O14672	Disintegrin and metalloproteinase domain-containing protein 10	4
O14773	Tripeptidyl-peptidase 1	3
O14786	Neuropilin-1	6
O14791	Apolipoprotein L1	14
O14949	Cytochrome b-c1 complex subunit 8	1
O14950	Myosin regulatory light chain 12B	4
O14960	Leukocyte cell-derived chemotaxin-2	3
O14974	Protein phosphatase 1 regulatory subunit 12A	1
O14979	Heterogeneous nuclear ribonucleoprotein D-like	1
O15031	Plexin-B2	1
O15117	FYN-binding protein 1	9
O15127	Secretory carrier-associated membrane protein 2	1
O15143	Actin-related protein 2/3 complex subunit 1B	7
O15144	Actin-related protein 2/3 complex subunit 2	5
O15145	Actin-related protein 2/3 complex subunit 3	4
O15204	ADAM DEC1	3
O15260	Surfeit locus protein 4	1
O15335	Chondroadherin	3
O15372	Eukaryotic translation initiation factor 3 subunit H	1
O15467	C-C motif chemokine 16	2
O15511	Actin-related protein 2/3 complex subunit 5	2
O43150	"Arf-GAP with SH3 domain, ANK repeat and PH domain-containing protein 2"	2
O43264	Centromere/kinetochore protein zw10 homolog	1
O43390	Heterogeneous nuclear ribonucleoprotein R	1
O43427	Acidic fibroblast growth factor intracellular-binding protein	1
O43504	Ragulator complex protein LAMTOR5	1
O43583	Density-regulated protein	2
O43665	Regulator of G-protein signaling 10	1
O43707	Alpha-actinin-4	5
O43768	Alpha-endosulfine	1
O43815	Striatin	2
O43852	Calumenin	1
O43866	CD5 antigen-like	6
O60229	Kalirin	2
O60240	Perilipin-1	1
O60243	Heparan-sulfate 6-O-sulfotransferase 1	1
O60256	Phosphoribosyl pyrophosphate synthase-associated protein 2	1
O60331	Phosphatidylinositol 4-phosphate 5-kinase type-1 gamma	1
O60493	Sorting nexin-3	1
O60506	Heterogeneous nuclear ribonucleoprotein Q	7
O60507	Protein tyrosine sulfotransferase 1	2
O60610	Protein diaphanous homolog 1	13
O60645	Exocyst complex component 3	1
O60664	Perilipin-3	1
O60704	Protein tyrosine sulfotransferase 2	1
O60749	Sorting nexin-2	1
O60763	General vesicular transport factor p115	1

O60841	Eukaryotic translation initiation factor 5B	1
O60844	Zymogen granule membrane protein 16	4
O60869	Endothelial differentiation-related factor 1	1
O60884	DnaJ homolog subfamily A member 2	2
O75015	Low affinity immunoglobulin gamma Fc region receptor III-B	1
O75083	WD repeat-containing protein 1	6
O75116	Rho-associated protein kinase 2	4
O75131	Copine-3	1
O75154	Rab11 family-interacting protein 3	1
O75339	Cartilage intermediate layer protein 1	2
O75340	Programmed cell death protein 6	3
O75348	V-type proton ATPase subunit G 1	1
O75352	Mannose-P-dolichol utilization defect 1 protein	1
O75367	Core histone macro-H2A.1	1
O75390	"Citrate synthase, mitochondrial"	1
O75531	Barrier-to-autointegration factor	1
O75558	Syntaxin-11	1
O75563	Src kinase-associated phosphoprotein 2	1
O75610	Left-right determination factor 1	1
O75636	Ficolin-3	5
O75695	Protein XRP2	1
O75787	Renin receptor	3
O75821	Eukaryotic translation initiation factor 3 subunit G	1
O75822	Eukaryotic translation initiation factor 3 subunit J	2
O75874	Isocitrate dehydrogenase [NADP] cytoplasmic	3
O75882	Attractin	2
O75915	PRA1 family protein 3	1
O75947	"ATP synthase subunit d, mitochondrial"	1
O75955	Flotillin-1	3
O76061	Stanniocalcin-2	1
O76074	"cGMP-specific 3',5'-cyclic phosphodiesterase"	3
O76076	CCN family member 5	1
O94769	Extracellular matrix protein 2	3
O94804	Serine/threonine-protein kinase 10	2
O94826	Mitochondrial import receptor subunit TOM70	1
O94919	Endonuclease domain-containing 1 protein	1
O94973	AP-2 complex subunit alpha-2	1
O95084	Serine protease 23	1
O95197	Reticulon-3	1
O95260	Arginyl-tRNA--protein transferase 1	2
O95292	Vesicle-associated membrane protein-associated protein B/C	1
O95390	Growth/differentiation factor 11	1
O95445	Apolipoprotein M	5
O95674	Phosphatidate cytidyltransferase 2	1
O95747	Serine/threonine-protein kinase OSR1	5
O95782	AP-2 complex subunit alpha-1	1
O95810	Caveolae-associated protein 2	6
O95825	Quinone oxidoreductase-like protein 1	1

O95866	Megakaryocyte and platelet inhibitory receptor G6b	2
O96000	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10	1
P00325	All-trans-retinol dehydrogenase [NAD(+)] ADH1B	1
P00326	Alcohol dehydrogenase 1C	1
P00338	L-lactate dehydrogenase A chain	4
P00352	Aldehyde dehydrogenase 1A1	2
P00367	"Glutamate dehydrogenase 1, mitochondrial"	1
P00387	NADH-cytochrome b5 reductase 3	5
P00390	"Glutathione reductase, mitochondrial"	1
P00441	Superoxide dismutase [Cu-Zn]	1
P00450	Ceruloplasmin	47
P00451	Coagulation factor VIII	31
P00488	Coagulation factor XIII A chain	14
P00491	Purine nucleoside phosphorylase	1
P00558	Phosphoglycerate kinase 1	12
P00568	Adenylate kinase isoenzyme 1	4
P00734	Prothrombin	25
P00736	Complement C1r subcomponent	26
P00738	Haptoglobin	30
P00739	Haptoglobin-related protein	8
P00740	Coagulation factor IX	6
P00742	Coagulation factor X	9
P00746	Complement factor D	21
P00747	Plasminogen	79
P00748	Coagulation factor XII	30
P00750	Tissue-type plasminogen activator	9
P00751	Complement factor B	30
P00915	Carbonic anhydrase 1	5
P00918	Carbonic anhydrase 2	5
P01008	Antithrombin-III	35
P01009	Alpha-1-antitrypsin	57
P01011	Alpha-1-antichymotrypsin	20
P01019	Angiotensinogen	11
P01023	Alpha-2-macroglobulin	87
P01024	Complement C3	162
P01031	Complement C5	36
P01034	Cystatin-C	8
P01040	Cystatin-A	1
P01042	Kininogen-1	64
P01116	GTPase KRas	1
P01137	Transforming growth factor beta-1 proprotein	9
P01344	Insulin-like growth factor II	1
P01591	Immunoglobulin J chain	3
P01597	Immunoglobulin kappa variable 1-39	2
P01599	Immunoglobulin kappa variable 1-17	1
P01602	Immunoglobulin kappa variable 1-5	2
P01619	Immunoglobulin kappa variable 3-20	1
P01624	Immunoglobulin kappa variable 3-15	1

P01700	Immunoglobulin lambda variable 1-47	2
P01701	Immunoglobulin lambda variable 1-51	4
P01714	Immunoglobulin lambda variable 3-19	2
P01717	Immunoglobulin lambda variable 3-25	2
P01718	Immunoglobulin lambda variable 3-27	1
P01721	Immunoglobulin lambda variable 6-57	1
P01732	T-cell surface glycoprotein CD8 alpha chain	1
P01764	Immunoglobulin heavy variable 3-23	2
P01766	Immunoglobulin heavy variable 3-13	1
P01768	Immunoglobulin heavy variable 3-30	5
P01780	Immunoglobulin heavy variable 3-7	1
P01782	Immunoglobulin heavy variable 3-9	2
P01833	Polymeric immunoglobulin receptor	5
P01834	Immunoglobulin kappa constant	2
P01859	Immunoglobulin heavy constant gamma 2	10
P01860	Immunoglobulin heavy constant gamma 3	28
P01861	Immunoglobulin heavy constant gamma 4	7
P01871	Immunoglobulin heavy constant mu	28
P01876	Immunoglobulin heavy constant alpha 1	11
P02042	Hemoglobin subunit delta	2
P02100	Hemoglobin subunit epsilon	1
P02144	Myoglobin	1
P02533	"Keratin, type I cytoskeletal 14"	29
P02538	"Keratin, type II cytoskeletal 6A"	18
P02545	Prelamin-A/C	2
P02549	"Spectrin alpha chain, erythrocytic 1"	11
P02647	Apolipoprotein A-I	75
P02649	Apolipoprotein E	54
P02652	Apolipoprotein A-II	15
P02654	Apolipoprotein C-I	14
P02655	Apolipoprotein C-II	9
P02656	Apolipoprotein C-III	12
P02671	Fibrinogen alpha chain	87
P02675	Fibrinogen beta chain	66
P02679	Fibrinogen gamma chain	50
P02730	Band 3 anion transport protein	9
P02743	Serum amyloid P-component	2
P02745	Complement C1q subcomponent subunit A	8
P02746	Complement C1q subcomponent subunit B	9
P02747	Complement C1q subcomponent subunit C	8
P02748	Complement component C9	13
P02749	Beta-2-glycoprotein 1	21
P02750	Leucine-rich alpha-2-glycoprotein	4
P02751	Fibronectin	58
P02753	Retinol-binding protein 4	2
P02760	Protein AMBP	6
P02763	Alpha-1-acid glycoprotein 1	10
P02765	Alpha-2-HS-glycoprotein	10

P02766	Transthyretin	13
P02768	Albumin	98
P02774	Vitamin D-binding protein	17
P02775	Platelet basic protein	9
P02776	Platelet factor 4	5
P02786	Transferrin receptor protein 1	4
P02787	Serotransferrin	46
P02788	Lactotransferrin	43
P02790	Hemopexin	22
P02810	Salivary acidic proline-rich phosphoprotein 1/2	1
P03950	Angiogenin	23
P03951	Coagulation factor XI	47
P03952	Plasma kallikrein	45
P03956	Interstitial collagenase	1
P04003	C4b-binding protein alpha chain	21
P04004	Vitronectin	51
P04040	Catalase	6
P04070	Vitamin K-dependent protein C	7
P04075	Fructose-bisphosphate aldolase A	11
P04083	Annexin A1	2
P04085	Platelet-derived growth factor subunit A	1
P04114	Apolipoprotein B-100	394
P04156	Major prion protein	4
P04179	"Superoxide dismutase [Mn], mitochondrial"	2
P04196	Histidine-rich glycoprotein	63
P04217	Alpha-1B-glycoprotein	16
P04259	"Keratin, type II cytoskeletal 6B"	1
P04264	"Keratin, type II cytoskeletal 1"	34
P04275	von Willebrand factor	59
P04278	Sex hormone-binding globulin	11
P04406	Glyceraldehyde-3-phosphate dehydrogenase	24
P04424	Argininosuccinate lyase	1
P04430	Immunoglobulin kappa variable 1-16	2
P04439	"HLA class I histocompatibility antigen, A alpha chain"	5
P04632	Calpain small subunit 1	2
P04792	Heat shock protein beta-1	3
P04843	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1	3
P04844	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 2	3
P04899	Guanine nucleotide-binding protein G(i) subunit alpha-2	7
P04908	Histone H2A type 1-B/E	4
P05019	Insulin-like growth factor I	4
P05023	Sodium/potassium-transporting ATPase subunit alpha-1	1
P05062	Fructose-bisphosphate aldolase B	3
P05067	Amyloid-beta precursor protein	2
P05089	Arginase-1	1
P05090	Apolipoprotein D	11
P05106	Integrin beta-3	10
P05107	Integrin beta-2	2

P05109	Protein S100-A8	4
P05121	Plasminogen activator inhibitor 1	2
P05154	Plasma serine protease inhibitor	17
P05155	Plasma protease C1 inhibitor	34
P05156	Complement factor I	14
P05160	Coagulation factor XIII B chain	5
P05164	Myeloperoxidase	18
P05198	Eukaryotic translation initiation factor 2 subunit 1	2
P05204	Non-histone chromosomal protein HMG-17	2
P05452	Tetranectin	9
P05543	Thyroxine-binding globulin	6
P05546	Heparin cofactor 2	20
P05556	Integrin beta-1	6
P05981	Serine protease hepsin	1
P06276	Cholinesterase	1
P06312	Immunoglobulin kappa variable 4-1	2
P06331	Immunoglobulin heavy variable 4-34	1
P06396	Gelsolin	61
P06576	"ATP synthase subunit beta, mitochondrial"	7
P06681	Complement C2	15
P06702	Protein S100-A9	5
P06727	Apolipoprotein A-IV	55
P06730	Eukaryotic translation initiation factor 4E	1
P06733	Alpha-enolase	10
P06737	"Glycogen phosphorylase, liver form"	1
P06744	Glucose-6-phosphate isomerase	1
P06753	Tropomyosin alpha-3 chain	8
P06858	Lipoprotein lipase	8
P07093	Glia-derived nexin	4
P07195	L-lactate dehydrogenase B chain	2
P07203	Glutathione peroxidase 1	4
P07225	Vitamin K-dependent protein S	22
P07237	Protein disulfide-isomerase	8
P07305	Histone H1.0	1
P07307	Asialoglycoprotein receptor 2	1
P07339	Cathepsin D	1
P07355	Annexin A2	4
P07357	Complement component C8 alpha chain	8
P07358	Complement component C8 beta chain	27
P07359	Platelet glycoprotein Ib alpha chain	6
P07360	Complement component C8 gamma chain	6
P07384	Calpain-1 catalytic subunit	12
P07477	Serine protease 1	1
P07585	Decorin	2
P07711	Procathepsin L	1
P07737	Profilin-1	4
P07741	Adenine phosphoribosyltransferase	2
P07814	Bifunctional glutamate/proline--tRNA ligase	3

P07900	Heat shock protein HSP 90-alpha	9
P07910	Heterogeneous nuclear ribonucleoproteins C1/C2	2
P07919	"Cytochrome b-c1 complex subunit 6, mitochondrial"	1
P07948	Tyrosine-protein kinase Lyn	1
P07951	Tropomyosin beta chain	1
P07996	Thrombospondin-1	41
P07998	Ribonuclease pancreatic	4
P08123	Collagen alpha-2(I) chain	1
P08133	Annexin A6	4
P08174	Complement decay-accelerating factor	1
P08185	Corticosteroid-binding globulin	7
P08195	4F2 cell surface antigen heavy chain	1
P08238	Heat shock protein HSP 90-beta	11
P08253	72 kDa type IV collagenase	1
P08294	Extracellular superoxide dismutase [Cu-Zn]	2
P08311	Cathepsin G	2
P08319	All-trans-retinol dehydrogenase [NAD(+)] ADH4	10
P08493	Matrix Gla protein	2
P08514	Integrin alpha-IIb	22
P08519	Apolipoprotein(a)	24
P08567	Pleckstrin	12
P08571	Monocyte differentiation antigen CD14	5
P08574	"Cytochrome c1, heme protein, mitochondrial"	1
P08575	Receptor-type tyrosine-protein phosphatase C	4
P08603	Complement factor H	50
P08670	Vimentin	3
P08697	Alpha-2-antiplasmin	15
P08708	40S ribosomal protein S17	3
P08709	Coagulation factor VII	5
P08779	"Keratin, type I cytoskeletal 16"	8
P08833	Insulin-like growth factor-binding protein 1	1
P09172	Dopamine beta-hydroxylase	2
P09211	Glutathione S-transferase P	3
P09237	Matrilysin	1
P09382	Galectin-1	3
P09429	High mobility group protein B1	5
P09486	SPARC	3
P09493	Tropomyosin alpha-1 chain	1
P09525	Annexin A4	1
P09529	Inhibin beta B chain	4
P09543	"2',3'-cyclic-nucleotide 3'-phosphodiesterase"	7
P09622	"Dihydrolipoyl dehydrogenase, mitochondrial"	4
P09651	Heterogeneous nuclear ribonucleoprotein A1	4
P09668	Pro-cathepsin H	2
P09669	Cytochrome c oxidase subunit 6C	2
P09871	Complement C1s subcomponent	18
P09960	Leukotriene A-4 hydrolase	1
P09972	Fructose-bisphosphate aldolase C	1

P0C0L4	Complement C4-A	108
P0C0L5	Complement C4-B	1
P0C0S8	Histone H2A type 1	1
P0CG38	POTE ankyrin domain family member I	1
P0CG47	Polyubiquitin-B	1
P0DJI8	Serum amyloid A-1 protein	11
P0DJI9	Serum amyloid A-2 protein	3
P0DMM9	Sulfotransferase 1A3	1
P0DMV8	Heat shock 70 kDa protein 1A	10
P0DOX2	Immunoglobulin alpha-2 heavy chain	8
P0DOX3	Immunoglobulin delta heavy chain	3
P0DOX5	Immunoglobulin gamma-1 heavy chain	16
P0DOX7	Immunoglobulin kappa light chain	11
P0DOX8	Immunoglobulin lambda-1 light chain	5
P0DOY3	Immunoglobulin lambda constant 3	4
P0DP02	Immunoglobulin heavy variable 3-30-3	2
P0DP23	Calmodulin-1	2
P0DPH7	Tubulin alpha-3C chain	1
P0DTE1	Probable nonfunctional immunoglobulin heavy variable 3-38-3	1
P10124	Serglycin	2
P10155	RNA-binding protein RO60	3
P10412	Histone H1.4	2
P10599	Thioredoxin	3
P10606	"Cytochrome c oxidase subunit 5B, mitochondrial"	1
P10643	Complement component C7	11
P10644	cAMP-dependent protein kinase type I-alpha regulatory subunit	2
P10645	Chromogranin-A	1
P10646	Tissue factor pathway inhibitor	7
P10720	Platelet factor 4 variant	7
P10768	S-formylglutathione hydrolase	1
P10809	"60 kDa heat shock protein, mitochondrial"	10
P10909	Clusterin	48
P11021	Endoplasmic reticulum chaperone BiP	28
P11142	Heat shock cognate 71 kDa protein	12
P11150	Hepatic triacylglycerol lipase	4
P11166	"Solute carrier family 2, facilitated glucose transporter member 1"	3
P11169	"Solute carrier family 2, facilitated glucose transporter member 3"	3
P11171	Protein 4.1	7
P11215	Integrin alpha-M	5
P11216	"Glycogen phosphorylase, brain form"	4
P11226	Mannose-binding protein C	3
P11234	Ras-related protein Ral-B	4
P11274	Breakpoint cluster region protein	1
P11277	"Spectrin beta chain, erythrocytic"	20
P11310	"Medium-chain specific acyl-CoA dehydrogenase, mitochondrial"	1
P11413	Glucose-6-phosphate 1-dehydrogenase	4
P11586	"C-1-tetrahydrofolate synthase, cytoplasmic"	1
P11597	Cholesteryl ester transfer protein	16

P11766	Alcohol dehydrogenase class-3	1
P11940	Polyadenylate-binding protein 1	7
P12109	Collagen alpha-1(VI) chain	9
P12110	Collagen alpha-2(VI) chain	1
P12111	Collagen alpha-3(VI) chain	35
P12236	ADP/ATP translocase 3	1
P12259	Coagulation factor V	115
P12273	Prolactin-inducible protein	1
P12724	Eosinophil cationic protein	3
P12814	Alpha-actinin-1	35
P12829	Myosin light chain 4	1
P12830	Cadherin-1	6
P12931	Proto-oncogene tyrosine-protein kinase Src	1
P12955	Xaa-Pro dipeptidase	1
P13073	"Cytochrome c oxidase subunit 4 isoform 1, mitochondrial"	1
P13224	Platelet glycoprotein Ib beta chain	1
P13473	Lysosome-associated membrane glycoprotein 2	1
P13489	Ribonuclease inhibitor	1
P13497	Bone morphogenetic protein 1	1
P13501	C-C motif chemokine 5	1
P13611	Versican core protein	1
P13639	Elongation factor 2	4
P13645	"Keratin, type I cytoskeletal 10"	41
P13647	"Keratin, type II cytoskeletal 5"	9
P13667	Protein disulfide-isomerase A4	4
P13671	Complement component C6	19
P13686	Tartrate-resistant acid phosphatase type 5	2
P13693	Translationally-controlled tumor protein	2
P13716	Delta-aminolevulinic acid dehydratase	2
P13796	Plastin-2	4
P13797	Plastin-3	1
P13804	"Electron transfer flavoprotein subunit alpha, mitochondrial"	3
P13929	Beta-enolase	1
P14151	L-selectin	1
P14317	Hematopoietic lineage cell-specific protein	1
P14543	Nidogen-1	3
P14598	Neutrophil cytosol factor 1	3
P14618	Pyruvate kinase PKM	18
P14625	Endoplasmic reticulum chaperone protein	13
P14649	Myosin light chain 6B	1
P14770	Platelet glycoprotein IX	3
P14780	Matrix metalloproteinase-9	2
P14866	Heterogeneous nuclear ribonucleoprotein L	1
P14868	"Aspartate--tRNA ligase, cytoplasmic"	2
P14923	Junction plakoglobin	3
P15090	"Fatty acid-binding protein, adipocyte"	1
P15153	Ras-related C3 botulinum toxin substrate 2	3
P15169	Carboxypeptidase N catalytic chain	23

P15172	Myoblast determination protein 1	1
P15311	Ezrin	7
P15498	Proto-oncogene vav	1
P15502	Elastin	3
P15531	Nucleoside diphosphate kinase A	1
P15880	40S ribosomal protein S2	1
P15907	"Beta-galactoside alpha-2,6-sialyltransferase 1"	7
P15924	Desmoplakin	6
P16070	CD44 antigen	1
P16109	P-selectin	1
P16152	Carbonyl reductase [NADPH] 1	2
P16157	Ankyrin-1	12
P16278	Beta-galactosidase	1
P16284	Platelet endothelial cell adhesion molecule	3
P16452	Protein 4.2	3
P16615	Sarcoplasmic/endoplasmic reticulum calcium ATPase 2	2
P16671	Platelet glycoprotein 4	6
P16885	"1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2"	2
P17252	Protein kinase C alpha type	2
P17301	Integrin alpha-2	1
P17812	CTP synthase 1	1
P17844	Probable ATP-dependent RNA helicase DDX5	2
P17858	"ATP-dependent 6-phosphofructokinase, liver type"	2
P17931	Galectin-3	2
P17936	Insulin-like growth factor-binding protein 3	21
P17987	T-complex protein 1 subunit alpha	3
P18054	Polyunsaturated fatty acid lipoygenase ALOX12	1
P18065	Insulin-like growth factor-binding protein 2	12
P18085	ADP-ribosylation factor 4	2
P18206	Vinculin	15
P18428	Lipopolysaccharide-binding protein	33
P18433	Receptor-type tyrosine-protein phosphatase alpha	1
P19021	Peptidyl-glycine alpha-amidating monooxygenase	4
P19338	Nucleolin	1
P19367	Hexokinase-1	1
P19652	Alpha-1-acid glycoprotein 2	5
P19823	Inter-alpha-trypsin inhibitor heavy chain H2	33
P19827	Inter-alpha-trypsin inhibitor heavy chain H1	45
P19838	Nuclear factor NF-kappa-B p105 subunit	1
P19957	Elafin	1
P19971	Thymidine phosphorylase	2
P20042	Eukaryotic translation initiation factor 2 subunit 2	1
P20062	Transcobalamin-2	3
P20160	Azurocidin	3
P20340	Ras-related protein Rab-6A	1
P20618	Proteasome subunit beta type-1	2
P20742	Pregnancy zone protein	2
P20810	Calpastatin	1

P20851	C4b-binding protein beta chain	3
P20908	Collagen alpha-1(V) chain	1
P20930	Filaggrin	3
P20936	Ras GTPase-activating protein 1	1
P21291	Cysteine and glycine-rich protein 1	5
P21333	Filamin-A	96
P21399	Cytoplasmic aconitate hydratase	1
P21695	"Glycerol-3-phosphate dehydrogenase [NAD(+)], cytoplasmic"	1
P21796	Voltage-dependent anion-selective channel protein 1	3
P21810	Biglycan	4
P21926	CD9 antigen	3
P21964	Catechol O-methyltransferase	1
P22061	Protein-L-isoaspartate(D-aspartate) O-methyltransferase	4
P22105	Tenascin-X	8
P22307	Sterol carrier protein 2	3
P22352	Glutathione peroxidase 3	5
P22392	Nucleoside diphosphate kinase B	6
P22626	Heterogeneous nuclear ribonucleoproteins A2/B1	2
P22681	E3 ubiquitin-protein ligase CBL	1
P22692	Insulin-like growth factor-binding protein 4	8
P22694	cAMP-dependent protein kinase catalytic subunit beta	2
P22695	"Cytochrome b-c1 complex subunit 2, mitochondrial"	2
P22792	Carboxypeptidase N subunit 2	5
P23142	Fibulin-1	7
P23219	Prostaglandin G/H synthase 1	2
P23229	Integrin alpha-6	6
P23246	"Splicing factor, proline- and glutamine-rich"	2
P23284	Peptidyl-prolyl cis-trans isomerase B	12
P23381	"Tryptophan--tRNA ligase, cytoplasmic"	8
P23526	Adenosylhomocysteinase	2
P23527	Histone H2B type 1-O	5
P23528	Cofilin-1	14
P23560	Brain-derived neurotrophic factor	1
P23588	Eukaryotic translation initiation factor 4B	3
P23743	Diacylglycerol kinase alpha	1
P24158	Myeloblastin	2
P24539	"ATP synthase F(0) complex subunit B1, mitochondrial"	2
P24557	Thromboxane-A synthase	1
P24592	Insulin-like growth factor-binding protein 6	4
P24593	Insulin-like growth factor-binding protein 5	16
P24666	Low molecular weight phosphotyrosine protein phosphatase	1
P24752	"Acetyl-CoA acetyltransferase, mitochondrial"	1
P24821	Tenascin	1
P24844	Myosin regulatory light polypeptide 9	2
P24941	Cyclin-dependent kinase 2	1
P25311	Zinc-alpha-2-glycoprotein	9
P25325	3-mercaptopyruvate sulfurtransferase	1
P25398	40S ribosomal protein S12	1

P25685	DnaJ homolog subfamily B member 1	3
P25705	"ATP synthase subunit alpha, mitochondrial"	4
P25774	Cathepsin S	5
P25787	Proteasome subunit alpha type-2	1
P25788	Proteasome subunit alpha type-3	1
P26038	Moesin	23
P26447	Protein S100-A4	2
P26572	"Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosaminyltransferase"	5
P26583	High mobility group protein B2	2
P26599	Polypyrimidine tract-binding protein 1	4
P26640	Valine--tRNA ligase	1
P26641	Elongation factor 1-gamma	3
P26927	Hepatocyte growth factor-like protein	16
P27105	Stomatin	3
P27169	Serum paraoxonase/arylesterase 1	15
P27348	14-3-3 protein theta	1
P27695	DNA-(apurinic or apyrimidinic site) endonuclease	2
P27797	Calreticulin	7
P27824	Calnexin	5
P27918	Properdin	2
P28062	Proteasome subunit beta type-8	1
P28300	Protein-lysine 6-oxidase	2
P28907	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1	1
P29122	Proprotein convertase subtilisin/kexin type 6	3
P29350	Tyrosine-protein phosphatase nonreceptor type 6	6
P29401	Transketolase	2
P29622	Kallistatin	21
P29966	Myristoylated alanine-rich C-kinase substrate	2
P30041	Peroxiredoxin-6	6
P30043	Flavin reductase (NADPH)	7
P30048	"Thioredoxin-dependent peroxide reductase, mitochondrial"	1
P30084	"Enoyl-CoA hydratase, mitochondrial"	1
P30086	Phosphatidylethanolamine-binding protein 1	2
P30101	Protein disulfide-isomerase A3	10
P30153	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	5
P30273	High affinity immunoglobulin epsilon receptor subunit gamma	1
P30405	"Peptidyl-prolyl cis-trans isomerase F, mitochondrial"	1
P30419	Glycylpeptide N-tetradecanoyltransferase 1	1
P30566	Adenylosuccinate lyase	2
P30740	Leukocyte elastase inhibitor	4
P31146	Coronin-1A	4
P31151	Protein S100-A7	2
P31689	DnaJ homolog subfamily A member 1	1
P31749	RAC-alpha serine/threonine-protein kinase	1
P31930	"Cytochrome b-c1 complex subunit 1, mitochondrial"	1
P31937	"3-hydroxyisobutyrate dehydrogenase, mitochondrial"	1
P31942	Heterogeneous nuclear ribonucleoprotein H3	1

P31944	Caspase-14	4
P31946	14-3-3 protein beta/alpha	3
P31948	Stress-induced-phosphoprotein 1	17
P31997	Carcinoembryonic antigen-related cell adhesion molecule 8	1
P32119	Peroxiredoxin-2	3
P32121	Beta-arrestin-2	1
P33151	Cadherin-5	2
P33176	Kinesin-1 heavy chain	5
P33908	"Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA"	4
P34096	Ribonuclease 4	6
P34810	Macrosialin	1
P34932	Heat shock 70 kDa protein 4	1
P35232	Prohibitin 1	2
P35241	Radixin	18
P35251	Replication factor C subunit 1	1
P35443	Thrombospondin-4	5
P35527	"Keratin, type I cytoskeletal 9"	38
P35542	Serum amyloid A-4 protein	8
P35555	Fibrillin-1	1
P35579	Myosin-9	100
P35580	Myosin-10	1
P35611	Alpha-adducin	3
P35613	Basigin	3
P35625	Metalloproteinase inhibitor 3	1
P35754	Glutaredoxin-1	1
P35858	Insulin-like growth factor-binding protein complex acid labile subunit	18
P35908	"Keratin, type II cytoskeletal 2 epidermal"	33
P35914	"Hydroxymethylglutaryl-CoA lyase, mitochondrial"	1
P36507	Dual specificity mitogen-activated protein kinase kinase 2	2
P36542	"ATP synthase subunit gamma, mitochondrial"	1
P36543	V-type proton ATPase subunit E 1	1
P36578	60S ribosomal protein L4	2
P36871	Phosphoglucomutase-1	5
P36873	Serine/threonine-protein phosphatase PP1-gamma catalytic subunit	2
P36955	Pigment epithelium-derived factor	16
P36980	Complement factor H-related protein 2	1
P37235	Hippocalcin-like protein 1	1
P37802	Transgelin-2	6
P37837	Transaldolase	1
P37840	Alpha-synuclein	4
P39019	40S ribosomal protein S19	1
P39023	60S ribosomal protein L3	2
P39060	Collagen alpha-1(XVIII) chain	15
P39656	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit	2
P40197	Platelet glycoprotein V	5
P40227	T-complex protein 1 subunit zeta	5
P40925	"Malate dehydrogenase, cytoplasmic"	1
P40926	"Malate dehydrogenase, mitochondrial"	3

P40939	"Trifunctional enzyme subunit alpha, mitochondrial"	3
P41091	Eukaryotic translation initiation factor 2 subunit 3	5
P41214	Eukaryotic translation initiation factor 2D	1
P41218	Myeloid cell nuclear differentiation antigen	1
P42025	Beta-centractin	2
P42765	"3-ketoacyl-CoA thiolase, mitochondrial"	4
P42768	Wiskott-Aldrich syndrome protein	2
P42892	Endothelin-converting enzyme 1	1
P43155	Carnitine O-acetyltransferase	1
P43250	G-protein-coupled receptor kinase 6	3
P43251	Biotinidase	2
P43304	"Glycerol-3-phosphate dehydrogenase, mitochondrial"	2
P43405	Tyrosine-protein kinase SYK	6
P43652	Afamin	7
P43686	26S proteasome regulatory subunit 6B	2
P45880	Voltage-dependent anion-selective channel protein 2	1
P45974	Ubiquitin carboxyl-terminal hydrolase 5	1
P46109	Crk-like protein	1
P46778	60S ribosomal protein L21	1
P46781	40S ribosomal protein S9	1
P46783	40S ribosomal protein S10	2
P46940	Ras GTPase-activating-like protein IQGAP1	2
P47755	F-actin-capping protein subunit alpha-2	2
P47756	F-actin-capping protein subunit beta	2
P47985	"Cytochrome b-c1 complex subunit Rieske, mitochondrial"	2
P48047	"ATP synthase subunit O, mitochondrial"	1
P48059	LIM and senescent cell antigen-like-containing domain protein 1	8
P48061	Stromal cell-derived factor 1	3
P48426	Phosphatidylinositol 5-phosphate 4-kinase type-2 alpha	8
P48444	Coatamer subunit delta	1
P48643	T-complex protein 1 subunit epsilon	4
P48729	Casein kinase I isoform alpha	2
P48735	"Isocitrate dehydrogenase [NADP], mitochondrial"	6
P48740	Mannan-binding lectin serine protease 1	9
P49257	Protein ERGIC-53	4
P49327	Fatty acid synthase	1
P49368	T-complex protein 1 subunit gamma	9
P49407	Beta-arrestin-1	1
P49411	"Elongation factor Tu, mitochondrial"	2
P49589	"Cysteine--tRNA ligase, cytoplasmic"	1
P49591	"Serine--tRNA ligase, cytoplasmic"	2
P49641	Alpha-mannosidase 2x	2
P49720	Proteasome subunit beta type-3	1
P49721	Proteasome subunit beta type-2	1
P49748	"Very long-chain specific acyl-CoA dehydrogenase, mitochondrial"	3
P49755	Transmembrane emp24 domain-containing protein 10	1
P49840	Glycogen synthase kinase-3 alpha	1
P49841	Glycogen synthase kinase-3 beta	1

P49862	Kallikrein-7	2
P49908	Selenoprotein P	12
P49913	Cathelicidin antimicrobial peptide	8
P50148	Guanine nucleotide-binding protein G(q) subunit alpha	2
P50225	Sulfotransferase 1A1	1
P50238	Cysteine-rich protein 1	1
P50454	Serpin H1	1
P50502	Hsc70-interacting protein	2
P50552	Vasodilator-stimulated phosphoprotein	8
P50570	Dynamin-2	2
P50579	Methionine aminopeptidase 2	3
P50990	T-complex protein 1 subunit theta	1
P50991	T-complex protein 1 subunit delta	1
P50995	Annexin A11	2
P51149	Ras-related protein Rab-7a	2
P51452	Dual specificity protein phosphatase 3	1
P51571	Translocon-associated protein subunit delta	1
P51572	B-cell receptor-associated protein 31	4
P51575	P2X purinoceptor 1	1
P51659	Peroxisomal multifunctional enzyme type 2	4
P51665	26S proteasome non-ATPase regulatory subunit 7	2
P51812	Ribosomal protein S6 kinase alpha-3	2
P51858	Hepatoma-derived growth factor	1
P51884	Lumican	7
P51888	Prolargin	4
P51991	Heterogeneous nuclear ribonucleoprotein A3	3
P52209	"6-phosphogluconate dehydrogenase, decarboxylating"	4
P52272	Heterogeneous nuclear ribonucleoprotein M	1
P52565	Rho GDP-dissociation inhibitor 1	1
P52566	Rho GDP-dissociation inhibitor 2	1
P52907	F-actin-capping protein subunit alpha-1	6
P53004	Biliverdin reductase A	1
P53396	ATP-citrate synthase	1
P53597	"Succinate--CoA ligase [ADP/GDP-forming] subunit alpha, mitochondrial"	1
P53618	Coatomer subunit beta	2
P53621	Coatomer subunit alpha	1
P53634	Dipeptidyl peptidase 1	3
P53680	AP-2 complex subunit sigma	1
P53990	IST1 homolog	2
P54136	"Arginine--tRNA ligase, cytoplasmic"	2
P54368	Ornithine decarboxylase antizyme 1	1
P54577	"Tyrosine--tRNA ligase, cytoplasmic"	4
P54578	Ubiquitin carboxyl-terminal hydrolase 14	2
P54709	Sodium/potassium-transporting ATPase subunit beta-3	1
P54819	"Adenylate kinase 2, mitochondrial"	1
P54920	Alpha-soluble NSF attachment protein	1
P55010	Eukaryotic translation initiation factor 5	4
P55036	26S proteasome non-ATPase regulatory subunit 4	1

P55056	Apolipoprotein C-IV	9
P55058	Phospholipid transfer protein	18
P55060	Exportin-2	1
P55072	Transitional endoplasmic reticulum ATPase	5
P55084	"Trifunctional enzyme subunit beta, mitochondrial"	3
P55103	Inhibin beta C chain	5
P55145	Mesencephalic astrocyte-derived neurotrophic factor	7
P55209	Nucleosome assembly protein 1-like 1	4
P55773	C-C motif chemokine 23	1
P55774	C-C motif chemokine 18	2
P55809	"Succinyl-CoA:3-ketoacid coenzyme A transferase 1, mitochondrial"	1
P56211	cAMP-regulated phosphoprotein 19	1
P56385	"ATP synthase subunit e, mitochondrial"	1
P56556	NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 6	1
P58166	Inhibin beta E chain	9
P58335	Anthrax toxin receptor 2	4
P58546	Myotrophin	2
P59665	Neutrophil defensin 1	1
P59768	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-2	1
P59998	Actin-related protein 2/3 complex subunit 4	2
P60174	Triosephosphate isomerase	1
P60660	Myosin light polypeptide 6	7
P60709	"Actin, cytoplasmic 1"	25
P60866	40S ribosomal protein S20	2
P60891	Ribose-phosphate pyrophosphokinase 1	2
P60900	Proteasome subunit alpha type-6	1
P60903	Protein S100-A10	2
P60953	Cell division control protein 42 homolog	5
P60981	Dextrin	1
P60985	Keratinocyte differentiation-associated protein	6
P61006	Ras-related protein Rab-8A	2
P61019	Ras-related protein Rab-2A	1
P61020	Ras-related protein Rab-5B	1
P61026	Ras-related protein Rab-10	2
P61106	Ras-related protein Rab-14	4
P61158	Actin-related protein 3	6
P61160	Actin-related protein 2	4
P61204	ADP-ribosylation factor 3	2
P61224	Ras-related protein Rap-1b	4
P61247	40S ribosomal protein S3a	2
P61313	60S ribosomal protein L15	1
P61353	60S ribosomal protein L27	1
P61586	Transforming protein RhoA	6
P61604	"10 kDa heat shock protein, mitochondrial"	2
P61626	Lysozyme C	7
P61769	Beta-2-microglobulin	4
P61978	Heterogeneous nuclear ribonucleoprotein K	6
P61981	14-3-3 protein gamma	4

P62191	26S proteasome regulatory subunit 4	2
P62195	26S proteasome regulatory subunit 8	2
P62249	40S ribosomal protein S16	1
P62258	14-3-3 protein epsilon	3
P62269	40S ribosomal protein S18	1
P62314	Small nuclear ribonucleoprotein Sm D1	1
P62316	Small nuclear ribonucleoprotein Sm D2	1
P62328	Thymosin beta-4	5
P62330	ADP-ribosylation factor 6	3
P62333	26S proteasome regulatory subunit 10B	2
P62495	Eukaryotic peptide chain release factor subunit 1	2
P62805	Histone H4	8
P62826	GTP-binding nuclear protein Ran	9
P62834	Ras-related protein Rap-1A	1
P62847	40S ribosomal protein S24	1
P62873	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1	2
P62879	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2	2
P62917	60S ribosomal protein L8	1
P62937	Peptidyl-prolyl cis-trans isomerase A	7
P62942	Peptidyl-prolyl cis-trans isomerase FKBP1A	1
P63000	Ras-related C3 botulinum toxin substrate 1	1
P63010	AP-2 complex subunit beta	2
P63104	14-3-3 protein zeta/delta	7
P63167	"Dynein light chain 1, cytoplasmic"	1
P63218	Guanine nucleotide-binding protein G(I)/G(S)/G(O) subunit gamma-5	1
P63241	Eukaryotic translation initiation factor 5A-1	5
P63244	Receptor of activated protein C-kinase 1	1
P63261	"Actin, cytoplasmic 2"	1
P67936	Tropomyosin alpha-4 chain	6
P68032	"Actin, alpha cardiac muscle 1"	5
P68036	Ubiquitin-conjugating enzyme E2 L3	3
P68104	Elongation factor 1-alpha 1	8
P68363	Tubulin alpha-1B chain	11
P68366	Tubulin alpha-4A chain	1
P68371	Tubulin beta-4B chain	11
P68431	Histone H3.1	2
P68871	Hemoglobin subunit beta	15
P69905	Hemoglobin subunit alpha	21
P78371	T-complex protein 1 subunit beta	10
P78417	Glutathione S-transferase omega-1	5
P78509	Reelin	5
P78539	Sushi repeat-containing protein SRPX	1
P80108	Phosphatidylinositol-glycan-specific phospholipase D	13
P80188	Neutrophil gelatinase-associated lipocalin	2
P80303	Nucleobindin-2	1
P80511	Protein S100-A12	1
P80723	Brain acid soluble protein 1	2
P80748	Immunoglobulin lambda variable 3-21	1

P81605	Dermcidin	2
P84085	ADP-ribosylation factor 5	1
P84095	Rho-related GTP-binding protein RhoG	1
P84103	Serine/arginine-rich splicing factor 3	1
P84243	Histone H3.3	1
P98160	Basement membrane-specific heparan-sulfate proteoglycan core protein	2
P99999	Cytochrome c	1
Q00013	55 kDa erythrocyte membrane protein	5
Q00325	"Phosphate carrier protein, mitochondrial"	1
Q00341	Vigilin	1
Q00577	Transcriptional activator protein Pur-alpha	1
Q00610	Clathrin heavy chain 1	5
Q00688	Peptidyl-prolyl cis-trans isomerase FKBP3	1
Q00765	Receptor expression-enhancing protein 5	1
Q00796	Sorbitol dehydrogenase	3
Q01082	"Spectrin beta chain, nonerythrocytic 1"	8
Q01433	AMP deaminase 2	1
Q01518	Adenylyl cyclase-associated protein 1	12
Q01813	"ATP-dependent 6-phosphofructokinase, platelet type"	1
Q01970	"1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase beta-3"	2
Q02108	Guanylate cyclase soluble subunit alpha-1	1
Q02413	Desmoglein-1	4
Q02818	Nucleobindin-1	2
Q02878	60S ribosomal protein L6	2
Q02985	Complement factor H-related protein 3	1
Q03519	Antigen peptide transporter 2	2
Q03591	Complement factor H-related protein 1	16
Q04637	Eukaryotic translation initiation factor 4 gamma 1	2
Q04756	Hepatocyte growth factor activator	12
Q04917	14-3-3 protein eta	2
Q05397	Focal adhesion kinase 1	1
Q05682	Caldesmon	13
Q05707	Collagen alpha-1(XIV) chain	4
Q06033	Inter-alpha-trypsin inhibitor heavy chain H3	22
Q06187	Tyrosine-protein kinase BTK	3
Q06830	Peroxiredoxin-1	2
Q07020	60S ribosomal protein L18	2
Q07021	"Complement component 1 Q subcomponent-binding protein, mitochondrial"	1
Q07666	"KH domain-containing, RNA-binding, signal transduction-associated protein 1"	1
Q07954	Prolow-density lipoprotein receptor-related protein 1	5
Q07960	Rho GTPase-activating protein 1	1
Q08188	Protein-glutamine gamma-glutamyltransferase E	2
Q08209	Protein phosphatase 3 catalytic subunit alpha	1
Q08211	ATP-dependent RNA helicase A	3
Q08257	Quinone oxidoreductase	1
Q08380	Galectin-3-binding protein	5
Q08495	Dematin	4
Q08554	Desmocollin-1	5

Q08722	Leukocyte surface antigen CD47	1
Q08830	Fibrinogen-like protein 1	1
Q09328	"Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylglucosaminyltransferase A"	1
Q09666	Neuroblast differentiation-associated protein AHNAK	4
Q0VDG4	Secernin-3	1
Q0ZGT2	Nexilin	1
Q10567	AP-1 complex subunit beta-1	1
Q12797	Aspartyl/asparaginy l beta-hydroxylase	4
Q12805	EGF-containing fibulin-like extracellular matrix protein 1	2
Q12904	Aminoacyl tRNA synthase complex-interacting multifunctional protein 1	2
Q12905	Interleukin enhancer-binding factor 2	3
Q12906	Interleukin enhancer-binding factor 3	12
Q12913	Receptor-type tyrosine-protein phosphatase eta	5
Q12974	Protein tyrosine phosphatase type IVA 2	1
Q13011	"Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial"	1
Q13045	Protein flightless-1 homolog	5
Q13057	Bifunctional coenzyme A synthase	1
Q13093	Platelet-activating factor acetylhydrolase	4
Q13094	Lymphocyte cytosolic protein 2	3
Q13103	Secreted phosphoprotein 24	6
Q13144	Translation initiation factor eIF-2B subunit epsilon	1
Q13162	Peroxiredoxin-4	2
Q13177	Serine/threonine-protein kinase PAK 2	2
Q13200	26S proteasome non-ATPase regulatory subunit 2	4
Q13201	Multimerin-1	38
Q13214	Semaphorin-3B	2
Q13217	DnaJ homolog subfamily C member 3	8
Q13418	Integrin-linked protein kinase	10
Q13423	"NAD(P) transhydrogenase, mitochondrial"	1
Q13442	28 kDa heat- and acid-stable phosphoprotein	1
Q13459	Unconventional myosin-IXb	1
Q13464	Rho-associated protein kinase 1	1
Q13469	"Nuclear factor of activated T-cells, cytoplasmic 2"	1
Q13492	Phosphatidylinositol-binding clathrin assembly protein	2
Q13510	Acid ceramidase	1
Q13526	Peptidyl-prolyl cis-trans isomerase NIMA-interacting 1	2
Q13555	Calcium/calmodulin-dependent protein kinase type II subunit gamma	1
Q13557	Calcium/calmodulin-dependent protein kinase type II subunit delta	1
Q13561	Dynactin subunit 2	1
Q13576	Ras GTPase-activating-like protein IQGAP2	4
Q13586	Stromal interaction molecule 1	2
Q13609	Deoxyribonuclease gamma	1
Q13617	Cullin-2	1
Q13642	Four and a half LIM domains protein 1	2
Q13724	Mannosyl-oligosaccharide glucosidase	1
Q13740	CD166 antigen	1
Q13790	Apolipoprotein F	2
Q13822	Ectonucleotide pyrophosphatase/phosphodiesterase family member 2	5

Q13867	Bleomycin hydrolase	1
Q14008	Cytoskeleton-associated protein 5	4
Q14103	Heterogeneous nuclear ribonucleoprotein D0	3
Q14141	Septin-6	2
Q14152	Eukaryotic translation initiation factor 3 subunit A	1
Q14165	Malectin	1
Q14166	Tubulin--tyrosine ligase-like protein 12	1
Q14203	Dynactin subunit 1	1
Q14204	Cytoplasmic dynein 1 heavy chain 1	1
Q14213	Interleukin-27 subunit beta	1
Q14240	Eukaryotic initiation factor 4A-II	1
Q14247	Src substrate cortactin	2
Q14254	Flotillin-2	3
Q14314	Fibroleukin	2
Q14315	Filamin-C	1
Q14344	Guanine nucleotide-binding protein subunit alpha-13	2
Q14520	Hyaluronan-binding protein 2	30
Q14554	Protein disulfide-isomerase A5	5
Q14574	Desmocollin-3	7
Q14624	Inter-alpha-trypsin inhibitor heavy chain H4	69
Q14644	Ras GTPase-activating protein 3	4
Q14696	LRP chaperone MESD	2
Q14697	Neutral alpha-glucosidase AB	12
Q14738	Serine/threonine-protein phosphatase 2A 56 kDa regulatory subunit delta isoform	1
Q14766	Latent-transforming growth factor beta-binding protein 1	21
Q14847	LIM and SH3 domain protein 1	3
Q14956	Transmembrane glycoprotein NMB	1
Q15008	26S proteasome non-ATPase regulatory subunit 6	1
Q15019	Septin-2	2
Q15063	Periostin	9
Q15075	Early endosome antigen 1	1
Q15084	Protein disulfide-isomerase A6	1
Q15109	Advanced glycosylation end product-specific receptor	1
Q15113	Procollagen C-endopeptidase enhancer 1	23
Q15149	Plectin	7
Q15155	Nodal modulator 1	1
Q15166	Serum paraoxonase/lactonase 3	3
Q15181	Inorganic pyrophosphatase	1
Q15365	Poly(rC)-binding protein 1	1
Q15386	Ubiquitin-protein ligase E3C	1
Q15404	Ras suppressor protein 1	9
Q15436	Protein transport protein Sec23A	1
Q15485	Ficolin-2	3
Q15555	Microtubule-associated protein RP/EB family member 2	7
Q15582	Transforming growth factor-beta-induced protein ig-h3	34
Q15691	Microtubule-associated protein RP/EB family member 1	5
Q15746	"Myosin light chain kinase, smooth muscle"	1
Q15833	Syntaxin-binding protein 2	11

Q15848	Adiponectin	1
Q15904	V-type proton ATPase subunit S1	1
Q15907	Ras-related protein Rab-11B	2
Q15942	Zyxin	8
Q16181	Septin-7	7
Q16270	Insulin-like growth factor-binding protein 7	7
Q16401	26S proteasome non-ATPase regulatory subunit 5	1
Q16555	Dihydropyrimidinase-related protein 2	2
Q16610	Extracellular matrix protein 1	5
Q16627	C-C motif chemokine 14	4
Q16643	Drebrin	2
Q16674	Melanoma-derived growth regulatory protein	1
Q16698	"2,4-dienoyl-CoA reductase [(3E)-enoyl-CoA-producing], mitochondrial"	1
Q16775	"Hydroxyacylglutathione hydrolase, mitochondrial"	1
Q16799	Reticulon-1	1
Q16836	"Hydroxyacyl-coenzyme A dehydrogenase, mitochondrial"	1
Q27J81	Inverted formin-2	7
Q3LXA3	Triokinase/FMN cyclase	3
Q4LDE5	"Sushi, von Willebrand factor type A, EGF and pentraxin domain-containing protein 3 1"	3
Q53EL6	Programmed cell death protein 4	1
Q53H76	Phospholipase A1 member A	8
Q53RD9	Fibulin-7	3
Q59EK9	RUN domain-containing protein 3A	1
Q5D862	Filaggrin-2	6
Q5JSH3	WD repeat-containing protein 44	3
Q5SQ64	Lymphocyte antigen 6 complex locus protein G6f	1
Q5SW79	Centrosomal protein of 170 kDa	1
Q5T0F9	Coiled-coil and C2 domain-containing protein 1B	1
Q5T749	Keratinocyte proline-rich protein	2
Q5TEC6	Histone H3-7	1
Q5XPI4	E3 ubiquitin-protein ligase RNF123	1
Q66K74	Microtubule-associated protein 1S	1
Q6DD88	Atlastin-3	1
Q6E0U4	Dermokine	3
Q6IBS0	Twinfilin-2	3
Q6N069	"N-alpha-acetyltransferase 16, NatA auxiliary subunit"	1
Q6NUJ1	Proactivator polypeptide-like 1	1
Q6P988	Palmitoleoyl-protein carboxylesterase NOTUM	1
Q6Q788	Apolipoprotein A-V	21
Q6UWF9	Protein FAM180A	1
Q6UWL2	Sushi domain-containing protein 1	1
Q6UWP8	Suprabasin	11
Q6UWY5	Olfactomedin-like protein 1	3
Q6UX71	Plexin domain-containing protein 2	4
Q6UXF1	Transmembrane protein 108	1
Q6UXH0	Angiopoietin-like protein 8	2
Q6UXH9	Inactive serine protease PAMR1	1

Q6UXI7	Vitrin	1
Q6UXI9	Nephronectin	9
Q6UY14	ADAMTS-like protein 4	9
Q6WN34	Chordin-like protein 2	2
Q6YHK3	CD109 antigen	3
Q6ZN30	Zinc finger protein basonuclin-2	1
Q6ZVM7	TOM1-like protein 2	1
Q6ZWK6	Transmembrane protease serine 11F	1
Q709C8	Intermembrane lipid transfer protein VPS13C	2
Q70J99	Protein unc-13 homolog D	4
Q7KZF4	Staphylococcal nuclease domain-containing protein 1	1
Q7L1Q6	eIF5-mimic protein 2	2
Q7L576	Cytoplasmic FMR1-interacting protein 1	2
Q7L591	Docking protein 3	2
Q7L9L4	MOB kinase activator 1B	1
Q7LDG7	RAS guanyl-releasing protein 2	8
Q7Z3V4	Ubiquitin-protein ligase E3B	2
Q7Z434	Mitochondrial antiviral-signaling protein	1
Q7Z4P5	Growth/differentiation factor 7	1
Q7Z4W1	L-xylulose reductase	1
Q7Z5L7	Podocan	1
Q7Z794	"Keratin, type II cytoskeletal 1b"	2
Q7Z7G0	Target of Nesh-SH3	4
Q7Z7H5	Transmembrane emp24 domain-containing protein 4	1
Q86TH1	ADAMTS-like protein 2	1
Q86U17	Serpin A11	1
Q86UD1	Out at first protein homolog	1
Q86UX2	Inter-alpha-trypsin inhibitor heavy chain H5	1
Q86UX7	Fermitin family homolog 3	27
Q86VP6	Cullin-associated NEDD8-dissociated protein 1	6
Q86WI1	Fibrocystin-L	1
Q86X29	Lipolysis-stimulated lipoprotein receptor	1
Q86Y46	"Keratin, type II cytoskeletal 73"	1
Q86YW5	Trem-like transcript 1 protein	5
Q86YZ3	Hornerin	10
Q8IUD2	ELKS/Rab6-interacting/CAST family member 1	1
Q8IUI8	Cytokine receptor-like factor 3	1
Q8IUX7	Adipocyte enhancer-binding protein 1	1
Q8IW75	Serpin A12	1
Q8IWU5	Extracellular sulfatase Sulf-2	4
Q8IWY4	"Signal peptide, CUB and EGF-like domain-containing protein 1"	3
Q8IXL6	Extracellular serine/threonine-protein kinase FAM20C	1
Q8IYB3	Serine/arginine repetitive matrix protein 1	1
Q8IYI6	Exocyst complex component 8	1
Q8IZ83	Aldehyde dehydrogenase family 16 member A1	1
Q8IZP0	Abl interactor 1	2
Q8NIG4	Leucine-rich repeat-containing protein 47	4
Q8NIN4	"Keratin, type II cytoskeletal 78"	4

Q8N392	Rho GTPase-activating protein 18	1
Q8N474	Secreted frizzled-related protein 1	1
Q8N699	Myc target protein 1	1
Q8NBP7	Proprotein convertase subtilisin/kexin type 9	4
Q8NC51	Plasminogen activator inhibitor 1 RNA-binding protein	2
Q8NCH0	Carbohydrate sulfotransferase 14	3
Q8NDC0	MAPK-interacting and spindle-stabilizing protein-like	1
Q8NDZ4	Divergent protein kinase domain 2A	5
Q8NE71	ATP-binding cassette subfamily F member 1	2
Q8NE86	"Calcium uniporter protein, mitochondrial"	1
Q8NES3	"Beta-1,3-N-acetylglucosaminyltransferase lunatic fringe"	1
Q8NET6	Carbohydrate sulfotransferase 13	1
Q8NEX9	Short-chain dehydrogenase/reductase family 9C member 7	1
Q8NFW8	N-acylneuraminase cytidyltransferase	1
Q8NI99	Angiopoietin-related protein 6	5
Q8TB73	Protein NDNF	1
Q8TBX8	Phosphatidylinositol 5-phosphate 4-kinase type-2 gamma	1
Q8TC12	Retinol dehydrogenase 11	1
Q8TCD5	"5'(3)-deoxyribonucleotidase, cytosolic type"	1
Q8TDL5	BPI fold-containing family B member 1	4
Q8TE73	Dynein axonemal heavy chain 5	1
Q8TEA8	D-aminoacyl-tRNA deacylase 1	1
Q8TER0	"Sushi, nidogen and EGF-like domain-containing protein 1"	9
Q8TF42	Ubiquitin-associated and SH3 domain-containing protein B	1
Q8WTW3	Conserved oligomeric Golgi complex subunit 1	1
Q8WUA8	Tsukushi	3
Q8WUJ3	Cell migration-inducing and hyaluronan-binding protein	9
Q8WUM4	Programmed cell death 6-interacting protein	1
Q8WUW1	Protein BRICK1	2
Q8WVM8	Sec1 family domain-containing protein 1	2
Q8WW22	DnaJ homolog subfamily A member 4	1
Q8WWA0	Intellectin-1	1
Q8WWI5	Choline transporter-like protein 1	1
Q8WZ42	Titin	3
Q92187	"CMP-N-acetylneuraminase-poly-alpha-2,8-sialyltransferase"	1
Q92504	Zinc transporter SLC39A7	1
Q92556	Engulfment and cell motility protein 1	1
Q92608	Dedicator of cytokinesis protein 2	1
Q92614	Unconventional myosin-XVIIIa	4
Q92619	Rho GTPase-activating protein 45	4
Q92626	Peroxidasin homolog	11
Q92686	Neurogranin	1
Q92743	Serine protease HTRA1	7
Q92804	TATA-binding protein-associated factor 2N	1
Q92820	Gamma-glutamyl hydrolase	2
Q92835	"Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1"	1
Q92888	Rho guanine nucleotide-exchange factor 1	2
Q92896	Golgi apparatus protein 1	2

Q92954	Proteoglycan 4	58
Q93052	Lipoma-preferred partner	1
Q93084	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3	6
Q96AG4	Leucine-rich repeat-containing protein 59	3
Q96AP7	Endothelial cell-selective adhesion molecule	1
Q96AQ6	Pre-B-cell leukemia transcription factor-interacting protein 1	1
Q96BJ3	"Axin interactor, dorsalization-associated protein"	2
Q96BM9	ADP-ribosylation factor-like protein 8A	2
Q96C24	Synaptotagmin-like protein 4	3
Q96CN7	Isochorismatase domain-containing protein 1	4
Q96CW1	AP-2 complex subunit mu	1
Q96EE4	Coiled-coil domain-containing protein 126	1
Q96GK7	Fumarylacetoacetate hydrolase domain-containing protein 2A	1
Q96HC4	PDZ and LIM domain protein 5	2
Q96IY4	Carboxypeptidase B2	15
Q96K17	Transcription factor BTF3 homolog 4	1
Q96KN2	Beta-Ala-His dipeptidase	10
Q96KP4	Cytosolic nonspecific dipeptidase	1
Q96MK2	RIPOR family member 3	1
Q96NZ9	Proline-rich acidic protein 1	3
Q96P48	"Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 1"	2
Q96P63	Serpin B12	1
Q96PD5	N-acetylmuramoyl-L-alanine amidase	19
Q96QR1	Secretoglobin family 3A member 1	1
Q96QV6	Histone H2A type 1-A	1
Q96RL7	Intermembrane lipid transfer protein VPS13A	1
Q96RP7	Galactose-3-O-sulfotransferase 4	1
Q96S96	Phosphatidylethanolamine-binding protein 4	2
Q96S97	Myeloid-associated differentiation marker	1
Q96SB3	Neurabin-2	1
Q99439	Calponin-2	3
Q99460	26S proteasome non-ATPase regulatory subunit 1	1
Q99497	Parkinson disease protein 7	3
Q99536	Synaptic vesicle membrane protein VAT-1 homolog	2
Q99542	Matrix metalloproteinase-19	2
Q99623	Prohibitin-2	1
Q99653	Calcineurin B homologous protein 1	1
Q99685	Monoglyceride lipase	1
Q99714	3-hydroxyacyl-CoA dehydrogenase type-2	1
Q99715	Collagen alpha-1(XII) chain	1
Q99719	Septin-5	2
Q99729	Heterogeneous nuclear ribonucleoprotein A/B	2
Q99733	Nucleosome assembly protein 1-like 4	1
Q99784	Noelin	1
Q99798	"Aconitate hydratase, mitochondrial"	2
Q99816	Tumor susceptibility gene 101 protein	1
Q99829	Copine-1	1

Q99832	T-complex protein 1 subunit eta	5
Q99941	Cyclic AMP-dependent transcription factor ATF-6 beta	1
Q99969	Retinoic acid receptor responder protein 2	9
Q99988	Growth/differentiation factor 15	4
Q9BPX5	Actin-related protein 2/3 complex subunit 5-like protein	1
Q9BR76	Coronin-1B	1
Q9BRG1	Vacuolar protein-sorting-associated protein 25	1
Q9BS26	Endoplasmic reticulum resident protein 44	2
Q9BSJ8	Extended synaptotagmin-1	2
Q9BU40	Chordin-like protein 1	7
Q9BUL8	Programmed cell death protein 10	1
Q9BUP3	Oxidoreductase HTATIP2	1
Q9BVK6	Transmembrane emp24 domain-containing protein 9	1
Q9BW30	Tubulin polymerization-promoting protein family member 3	1
Q9BWD1	"Acetyl-CoA acetyltransferase, cytosolic"	1
Q9BWM7	Sideroflexin-3	1
Q9BWP8	Collectin-11	3
Q9BWS9	Chitinase domain-containing protein 1	9
Q9BXJ4	Complement C1q tumor necrosis factor-related protein 3	2
Q9BXN1	Asporin	16
Q9BXR6	Complement factor H-related protein 5	12
Q9BY76	Angiopoietin-related protein 4	4
Q9BYC5	"Alpha-(1,6)-fucosyltransferase"	2
Q9BYZ8	Regenerating islet-derived protein 4	2
Q9BZE9	Tether containing UBX domain for GLUT4	1
Q9C0C9	(E3-independent) E2 ubiquitin-conjugating enzyme	2
Q9GZM7	Tubulointerstitial nephritis antigen-like	1
Q9H015	Solute carrier family 22 member 4	2
Q9H098	Protein FAM107B	2
Q9H0B8	Cysteine-rich secretory protein LCCL domain-containing 2	2
Q9H0U4	Ras-related protein Rab-1B	4
Q9H1E1	Ribonuclease 7	1
Q9H299	SH3 domain-binding glutamic acid-rich-like protein 3	1
Q9H2D6	TRIO and F-actin-binding protein	1
Q9H2G2	STE20-like serine/threonine-protein kinase	2
Q9H2K8	Serine/threonine-protein kinase TAO3	1
Q9H2X0	Chordin	1
Q9H444	Charged multivesicular body protein 4b	2
Q9H4B7	Tubulin beta-1 chain	12
Q9H4F8	SPARC-related modular calcium-binding protein 1	4
Q9H4M9	EH domain-containing protein 1	12
Q9H6X2	Anthrax toxin receptor 1	3
Q9H772	GremLin-2	1
Q9H8W4	Pleckstrin homology domain-containing family F member 2	1
Q9H939	Proline-serine-threonine phosphatase-interacting protein 2	6
Q9H9E3	Conserved oligomeric Golgi complex subunit 4	1
Q9HA64	Ketosamine-3-kinase	1
Q9HB71	Calceylin-binding protein	3

Q9HBI1	Beta-parvin	7
Q9HBL0	Tensin-1	1
Q9HCB6	Spondin-1	5
Q9HCN6	Platelet glycoprotein VI	1
Q9HCU4	Cadherin EGF LAG seven-pass G-type receptor 2	2
Q9HDC9	Adipocyte plasma membrane-associated protein	9
Q9NPA2	Matrix metalloproteinase-25	1
Q9NPF2	Carbohydrate sulfotransferase 11	1
Q9NQ38	Serine protease inhibitor Kazal-type 5	7
Q9NQ75	Cas scaffolding protein family member 4	1
Q9NQ79	Cartilage acidic protein 1	12
Q9NQC3	Reticulon-4	4
Q9NR09	Baculoviral IAP repeat-containing protein 6	1
Q9NR45	Sialic acid synthase	1
Q9NR99	Matrix-remodeling-associated protein 5	9
Q9NRA1	Platelet-derived growth factor C	1
Q9NRB3	Carbohydrate sulfotransferase 12	3
Q9NRF8	CTP synthase 2	1
Q9NRN5	Olfactomedin-like protein 3	14
Q9NRV9	Heme-binding protein 1	1
Q9NRY5	Protein FAM114A2	1
Q9NS84	Carbohydrate sulfotransferase 7	2
Q9NSD9	Phenylalanine--tRNA ligase beta subunit	1
Q9NTJ5	Phosphatidylinositol-3-phosphatase SAC1	1
Q9NTK5	Obg-like ATPase 1	6
Q9NUQ9	CYFIP-related Rac1 interactor B	1
Q9NVA2	Septin-11	1
Q9NX62	"Golgi-resident adenosine 3',5'-bisphosphate 3'-phosphatase"	1
Q9NXH8	Torsin-4A	3
Q9NY33	Dipeptidyl peptidase 3	1
Q9NYU2	UDP-glucose:glycoprotein glucosyltransferase 1	1
Q9NZ08	Endoplasmic reticulum aminopeptidase 1	2
Q9NZD2	Glycolipid transfer protein	1
Q9NZN3	EH domain-containing protein 3	13
Q9NZP8	Complement C1r subcomponent-like protein	1
Q9POL0	Vesicle-associated membrane protein-associated protein A	1
Q9P107	GEM-interacting protein	1
Q9P126	C-type lectin domain family 1 member B	1
Q9P1F3	Costars family protein ABRACL	3
Q9P1Z2	Calcium-binding and coiled-coil domain-containing protein 1	1
Q9UBQ7	Glyoxylate reductase/hydroxypyruvate reductase	1
Q9UBS3	DnaJ homolog subfamily B member 9	1
Q9UBS4	DnaJ homolog subfamily B member 11	3
Q9UBV8	Peflin	1
Q9UBW5	Bridging integrator 2	2
Q9UBX5	Fibulin-5	2
Q9UEW3	Macrophage receptor MARCO	1
Q9UEW8	STE20/SPS1-related proline-alanine-rich protein kinase	1

Q9UEY8	Gamma-adducin	1
Q9UFP1	Golgi-associated kinase 1A	1
Q9UGM5	Fetuin-B	3
Q9UHA4	Ragulator complex protein LAMTOR3	1
Q9UHB6	LIM domain and actin-binding protein 1	1
Q9UHF0	Tachykinin-3	1
Q9UHG3	Prenylcysteine oxidase 1	4
Q9UIQ6	Leucyl-cystinyl aminopeptidase	1
Q9UIJ9	N-acetylglucosamine-1-phosphotransferase subunit gamma	1
Q9UJU6	Drebrin-like protein	2
Q9UJZ1	"Stomatin-like protein 2, mitochondrial"	1
Q9UK05	Growth/differentiation factor 2	1
Q9UK55	Protein Z-dependent protease inhibitor	12
Q9UKV8	Protein argonaute-2	2
Q9UKZ9	Procollagen C-endopeptidase enhancer 2	6
Q9UL25	Ras-related protein Rab-21	1
Q9UL46	Proteasome activator complex subunit 2	1
Q9ULC4	Malignant T-cell-amplified sequence 1	1
Q9ULF5	Zinc transporter ZIP10	3
Q9ULK2	Ataxin-7-like protein 1	1
Q9ULV4	Coronin-1C	7
Q9UM00	Calcium load-activated calcium channel	1
Q9UNF0	Protein kinase C and casein kinase substrate in neurons protein 2	1
Q9UNH7	Sorting nexin-6	1
Q9UNM6	26S proteasome non-ATPase regulatory subunit 13	2
Q9UNW1	Multiple inositol polyphosphate phosphatase 1	3
Q9UQ53	"Alpha-1,3-mannosyl-glycoprotein 4-beta-N-acetylglucosaminyltransferase B"	1
Q9UQ80	Proliferation-associated protein 2G4	4
Q9Y224	"RNA transcription, translation and transport factor protein"	1
Q9Y251	Heparanase	8
Q9Y274	"Type 2 lactosamine alpha-2,3-sialyltransferase"	2
Q9Y277	Voltage-dependent anion-selective channel protein 3	2
Q9Y287	Integral membrane protein 2B	1
Q9Y2A7	Nck-associated protein 1	1
Q9Y2J2	Band 4.1-like protein 3	1
Q9Y2Q3	Glutathione S-transferase kappa 1	3
Q9Y333	U6 snRNA-associated Sm-like protein LSm2	1
Q9Y371	Endophilin-B1	1
Q9Y394	Dehydrogenase/reductase SDR family member 7	1
Q9Y3A5	Ribosome maturation protein SBDS	3
Q9Y3A6	Transmembrane emp24 domain-containing protein 5	1
Q9Y3E7	Charged multivesicular body protein 3	1
Q9Y3I1	F-box only protein 7	1
Q9Y490	Talin-1	75
Q9Y4G6	Talin-2	2
Q9Y4L1	Hypoxia upregulated protein 1	7
Q9Y4Y9	U6 snRNA-associated Sm-like protein LSm5	1
Q9Y4Z0	U6 snRNA-associated Sm-like protein LSm4	2

Q9Y5C1	Angiopoietin-related protein 3	12
Q9Y5K6	CD2-associated protein	3
Q9Y5K8	V-type proton ATPase subunit D	1
Q9Y5S2	Serine/threonine-protein kinase MRCK beta	3
Q9Y5X9	Endothelial lipase	3
Q9Y613	FH1/FH2 domain-containing protein 1	1
Q9Y624	Junctional adhesion molecule A	1
Q9Y678	Coatomer subunit gamma-1	1
Q9Y696	Chloride intracellular channel protein 4	1
Q9Y6C2	EMILIN-1	5
Q9Y6D5	Brefeldin A-inhibited guanine nucleotide-exchange protein 2	1
Q9Y6E0	Serine/threonine-protein kinase 24	1
Q9Y6G9	Cytoplasmic dynein 1 light intermediate chain 1	1
Q9Y6R7	IgGfc-binding protein	2
Q9Y6Z7	Collectin-10	1

Table 3 of the supplementary data: Baseline characteristics of validation samples

	LAAT/SEC group n = 58	Control group (n = 121)	P
Age, y	67.7 ± 11.4	68.3 ± 10.5	.710
Male sex	43 (74.1)	80 (66.1)	.279
Body mass index, kg/m ²	25.8 ± 3.2	25.8 ± 3.9	.973
Smoking	21 (36.2)	48 (39.7)	.656
Alcohol consumption	18 (31)	35 (28.9)	.772
Heart failure	8 (13.8)	17 (14)	.963
Hypertension	46 (79.3)	88 (72.7)	.342
Diabetes	20 (34.5)	30 (24.8)	.176
Past stroke	38 (65.5)	69 (57)	.278
Hyperlipidemia	12 (20.7)	25 (20.7)	.996
Malignant tumor	3 (5.2)	2 (1.7)	.394
Coronary heart disease	20 (34.5)	58 (47.9)	.089
Anticoagulation therapy	53 (91.4)	106 (87.6)	.453
Statins	29 (50)	75 (62)	.128
Calcium channel blockers	20 (34.5)	28 (23.1)	.109
ACEI/ARB	26 (44.8)	39 (32.2)	.101
Beta-blockers	46 (79.3)	81 (66.9)	.880
Antiarrhythmic drugs	10 (17.2)	7 (5.8)	.423
Diuretics	12 (20.7)	20 (16.5)	.497
CHA2DS2-VASc	3.2 ± 1.2	2.7 ± 1.6	.019
HAS-BLED	3 ± 1.6	3.3 ± 1.5	.234
White blood cell count, x 10 ⁹	6.3 ± 1.9	6.3 ± 2.1	.895
Red blood cell count, x 10 ¹²	4.5 ± 0.7	4.5 ± 0.6	.644
Hemoglobin, g/L	136.3 ± 12.4	132.8 ± 18.7	.134
Platelet count, x10 ⁹	201.8 ± 63.9	200.4 ± 49.5	.866
Red blood cell distribution width	12.8 ± 0.8	12.8 ± 0.8	.958
Blood urea nitrogen, mmol/L	5.9 ± 2.3	6.3 ± 3	.403
Blood creatinine, umol/L	85.6 ± 22.4	95.1 ± 68.4	.305
Potassium, K+, mmol/L	3.9 ± 0.3	3.9 ± 0.2	.800
Sodium, Na+, mmol/L	140.4 ± 1.7	140.5 ± 1.7	.840
Chloride, Cl-, mmol/L	105.7 ± 2.1	106.7 ± 2.5	.157
Calcium, Ca ²⁺ , mmol/L	2.3 ± 0.1	2.3 ± 0.1	.495
Alanine aminotransferase, U/L	22.8 ± 13	20.6 ± 14	.311
Aspartate aminotransferase, U/L	22.1 ± 7.3	20.3 ± 8.5	.158
Total cholesterol, mmol/L	3.9 ± 0.9	3.9 ± 0.8	.881
Triglycerides, mmol/L	1.4 ± 0.7	1.2 ± 0.5	.443

<i>HDL-C, mmol/L</i>	1.3 ± 0.3	1.2 ± 0.4	.491
<i>LDL-C, mmol/L</i>	2.1 ± 0.6	2.1 ± 0.6	.705
<i>PT, s</i>	13.1 ± 3.8	13.6 ± 3.5	.649
<i>INR</i>	1.2 ± 0.4	1.2 ± 0.3	.687
<i>Fibrinogen, g/L</i>	3.4 ± 1	3.2 ± 0.8	.173
<i>APTT, s</i>	38.3 ± 11.4	39.2 ± 8.8	.565
<i>D-dimer, ng/mL</i>	92.8 ± 78	67.9 ± 55.9	.223
<i>NT-proBNP, pg/mL</i>	1500.4 ± 1573.7	1289 ± 2277.9	.540
<i>Troponin I, pg/mL</i>	3.137 ± 3.361	2.343 ± 1.958	.123
<i>LAD, mm</i>	47.0 ± 9.5	42.3 ± 7.6	.001
<i>LVEF, %</i>	56.0 ± 7.2	58.3 ± 8.1	.068
<i>LAAFV, m/s</i>	0.315 ± 0.07	0.510 ± 0.228	< .001
<i>MDLAAO, mm</i>	27.6 ± 4.6	26.6 ± 3.7	.192
<i>LAA depth, mm</i>	40.1 ± 10.7	36.2 ± 7.2	.160
<i>Morphology classification</i>			.005
Cauliflower	31 (53.4)	35 (28.9)	
Windsock	2 (3.4)	14 (11.6)	
Chicken wing	4 (6.9)	21 (17.4)	
Cactus	21 (36.2)	51 (42.1)	
Orifice type			.291
Oval	46 (38)	24 (41.4)	
Round	28 (23.1)	18 (31)	
Teardrop	11 (9.1)	1 (1.7)	
Triangle	1 (0.8)	0 (0)	
Footprint	2 (1.7)	0 (0)	

APTT, activated partial thromboplastin time; INR, International Normalized Ratio; LAA, left atrial appendage; LAAFV, left atrial appendage flow velocity; LAD, left atrial diameter; LVEF, left ventricular ejection fraction; MDLAAO, maximum diameter of left atrial appendage ostium; PT, prothrombin time.

Figure 1 of the supplementary data. Enrichment analysis of gene ontology (GO) terms for identified proteins. The bar chart displays the top 20 enriched GO terms categorized into 3 main GO categories: biological process (BP), molecular function (MF), and cellular component (CC). Each bar represents the number of proteins associated with a specific GO term. The color of the bars indicates the *P*-value of the enrichment, with darker shades representing more significant enrichment.

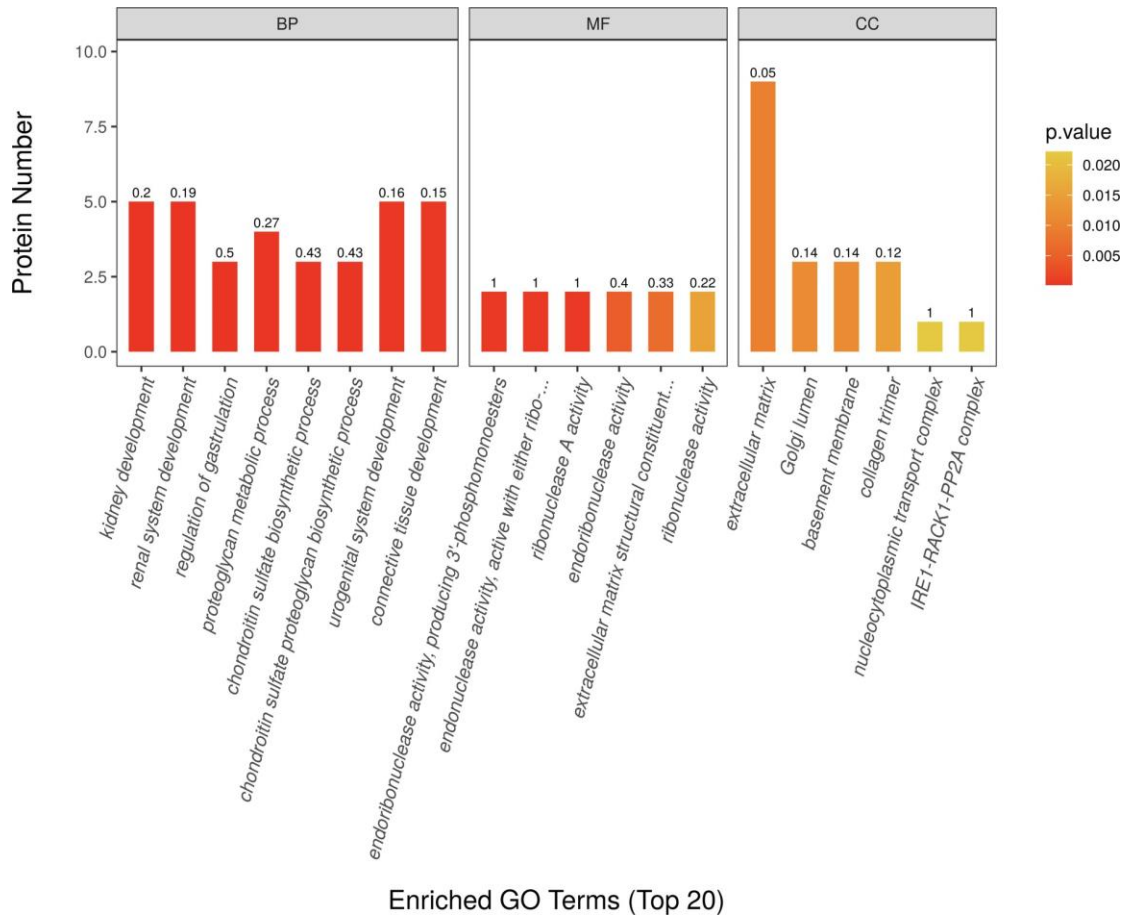


Figure 2 of the supplementary data. Differential pathway enrichment analysis based on KEGG database. This horizontal bar chart represents the pathways significantly enriched with upregulated (shown in red) and downregulated (shown in blue) proteins, as identified through our study. The length of each bar correlates with the $-\log_{10}(P \text{ value})$, indicating the significance of enrichment: longer bars correspond to higher levels of significance.

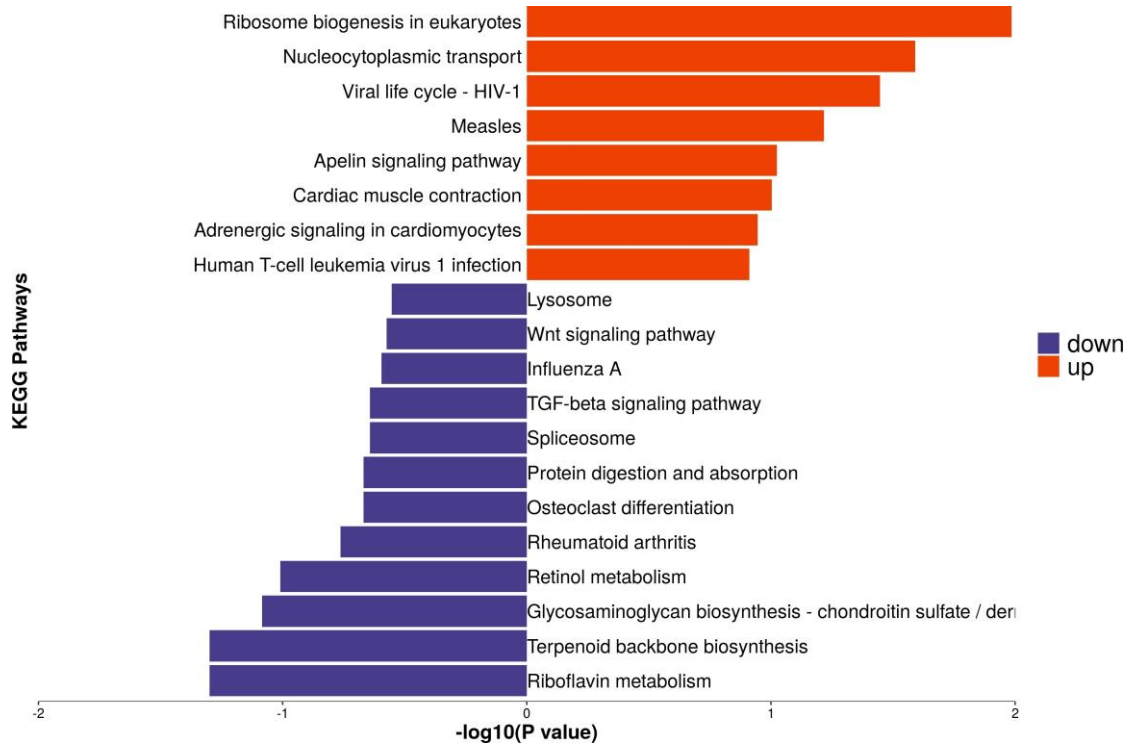


Figure 3 of the supplementary data. Results of univariate logistic regression. LAA, left atrial appendage; LAD, left atrial diameter; LVEF, left ventricular ejection fraction; CRP, C-reactive protein; LAAFV, left atrial appendage flow velocity; APTT, activated partial thromboplastin time; PT, prothrombin time, PCYOX1, prenylcysteine oxidase 1; MYL4, myosin light chain 4.

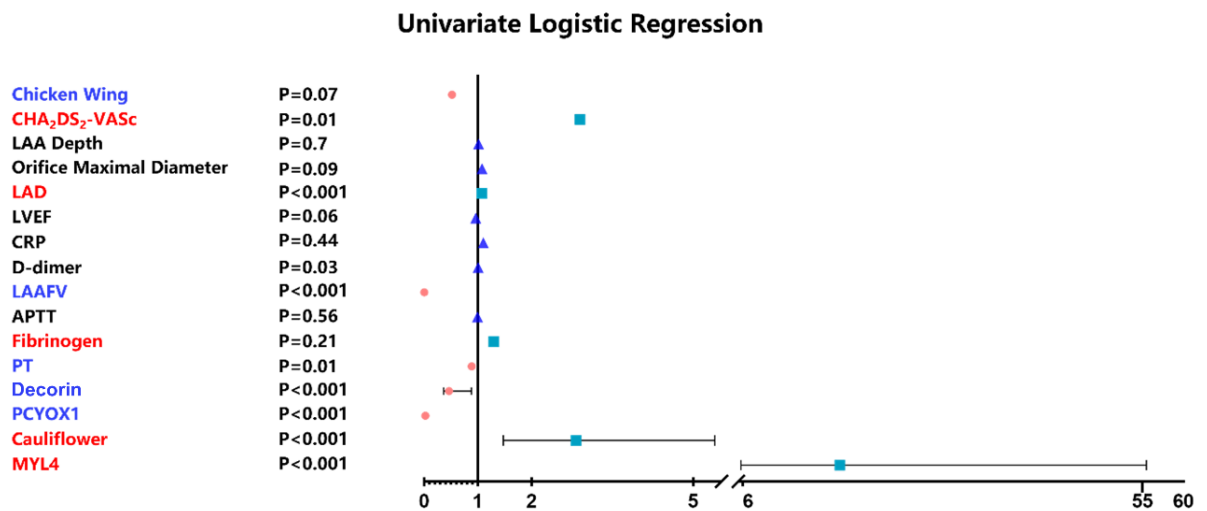


Figure 4 of the supplementary data. Calibration curve for the nomogram predicting LAAT/SEC. The dashed line represents the performance of the nomogram, while the solid line corrects any deviation in the nomogram.

