

MALE

Protein Name	Accession Number	Molecular Weight									H		PDAC	t-test		PDAC/H	PDAC/CP
			CP1	CP2	H1	H2	PDAC1	PDAC2	CP Mean	Mean	Mean	PDAC vs. H	PDAC vs. CP				
- 22 kDa protein	IPI00219910	22 kDa		7	5	4	8	1	0	6	6	1	0.1126	0.0456	0.1	0.1	
- Cold agglutinin FS-1 L-chain (Fragment)	IPI00827773	12 kDa	32	39	34	26	53	57	36	30	55	0.0309	0.0388	1.8	1.5		
- HRV Fab 027-VL (Fragment)	IPI00827643	12 kDa	4	6	0	0	0	0	5	0	0	-	0.0574	-	0.0		
- REV25-2 (Fragment)	IPI00816794	15 kDa	8	12	5	7	8	9	10	6	8	0.2225	0.3844	1.3	0.8		
A1BG Alpha-1B-glycoprotein precursor	IPI00022895	54 kDa	115	109	106	112	111	100	112	109	105	0.6497	0.4138	1.0	0.9		
A2M Alpha-2-macroglobulin precursor	IPI00478003	163 kDa	62	63	86	72	14	18	63	79	16	0.0120	0.0019	0.2	0.3		
ABCB1 Multidrug resistance protein 1	IPI00027481	141 kDa	41	46	23	26	52	64	43	25	58	0.0355	0.1660	2.4	1.3		
ABHD14B Isoform 1 of Abhydrolase domain-containing prc	IPI00063827	22 kDa	19	15	19	17	15	9	17	18	12	0.2502	0.3306	0.7	0.7		
ABP1 Isoform 1 of Amiloride-sensitive amine oxidase [cop	IPI00020982	85 kDa	1	5	8	8	0	0	3	8	0	0.0001	0.2445	0.0	0.0		
ACAN aggrecan isoform 2 precursor	IPI00027377	250 kDa	38	30	17	28	34	24	34	22	29	0.4877	0.5109	1.3	0.8		
ACE Isoform Somatic-1 of Angiotensin-converting enzyme, IPI00437751	IPI00437751	150 kDa	48	34	67	56	28	38	41	61	33	0.0600	0.4301	0.5	0.8		
ACE2 Isoform 1 of Angiotensin-converting enzyme 2 precu	IPI00465187	92 kDa	11	16	20	30	4	5	13	25	5	0.0557	0.0847	0.2	0.4		
ACO1 Cytoplasmic aconitate hydratase	IPI00008485	98 kDa	2	2	0	0	0	0	2	0	0	-	0.0081	-	0.0		
ACP2 Lysosomal acid phosphatase precursor	IPI00003807	48 kDa	48	49	56	48	26	20	48	52	23	0.0318	0.0145	0.5	0.5		
ACPP ACPP protein	IPI00289983	48 kDa	85	101	136	143	46	36	93	139	41	0.0038	0.0309	0.3	0.4		
ACSL4 Isoform Long of Long-chain-fatty-acid--CoA ligase 4	IPI00029737	79 kDa	1	3	0	1	1	1	2	1	1	0.3863	0.3777	2.1	0.5		
ACTG1 Actin, cytoplasmic 2	IPI00021440	42 kDa	126	129	161	112	75	77	127	136	76	0.1338	0.0015	0.6	0.6		
ACTN4 Alpha-actinin-4	IPI00013808	105 kDa	20	31	36	29	1	5	26	32	3	0.0191	0.0592	0.1	0.1		
ACTR2 Actin-related protein 2	IPI00005159	45 kDa	2	3	0	3	0	0	3	2	0	0.4226	0.0122	0.0	0.0		
ACTR3 Actin-related protein 3	IPI00028091	47 kDa	4	2	2	4	0	0	3	3	0	0.0905	0.0727	0.0	0.0		
ACVR1B Isoform 1 of Activin receptor type-1B precursor	IPI00005732	57 kDa	22	19	15	20	12	13	20	17	12	0.1922	0.0286	0.7	0.6		
ACY1 Aminoacylase-1	IPI00009268	46 kDa	22	13	22	19	3	2	17	20	3	0.0112	0.0781	0.1	0.2		
ACY3 Aspartoacylase-2	IPI00063025	35 kDa	1	2	4	3	0	0	2	4	0	0.0229	0.0574	0.0	0.0		
ADAMTSL2 ADAMTS-like protein 2 precursor	IPI00644346	105 kDa	7	9	5	7	0	0	8	6	0	0.0234	0.0122	0.0	0.0		
ADH5 Alcohol dehydrogenase class-3	IPI00746777	40 kDa	2	0	3	2	0	1	1	3	1	0.1136	0.6642	0.2	0.4		
ADM ADM precursor	IPI00017968	20 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0		
AFM Afamin precursor	IPI00019943	69 kDa	36	43	26	27	86	69	39	27	77	0.0275	0.0551	2.9	2.0		
AGA N	IPI00026259	37 kDa	12	17	3	3	10	6	14	3	8	0.1008	0.1735	2.6	0.6		
AGRN Agrin precursor	IPI00374563	215 kDa	129	111	50	49	39	62	120	49	50	0.9305	0.0434	1.0	0.4		
AGT Angiotensinogen precursor	IPI00032220	53 kDa	17	11	28	34	26	16	14	31	21	0.2579	0.3390	0.7	1.5		
AHCY Adenosylhomocysteinase	IPI00012007	48 kDa	11	10	8	11	1	1	10	10	1	0.0261	0.0018	0.1	0.1		
AHSG Alpha-2-HS-glycoprotein precursor	IPI00022431	39 kDa	121	115	143	146	224	244	118	144	234	0.0116	0.0075	1.6	2.0		
AKR1A1 Alcohol dehydrogenase	IPI00220271	37 kDa	14	11	13	21	8	5	13	17	7	0.1347	0.0958	0.4	0.5		
AKR1B1 Aldose reductase	IPI00413641	36 kDa	13	10	12	11	6	6	12	12	6	0.0076	0.0774	0.5	0.5		
AKR1C3 Aldo-keto reductase family 1 member C3	IPI00291483	37 kDa	1	2	1	1	0	0	2	1	0	0.0001	0.0574	0.0	0.0		
AKR7A2 Aflatoxin B1 aldehyde reductase member 2	IPI00305978	40 kDa	2	1	2	0	0	0	2	1	0	0.4226	0.1357	0.0	0.0		
ALAD delta-aminolevulinic acid dehydratase isoform a	IPI00442121	39 kDa	2	3	1	1	0	0	3	1	0	0.0001	0.0122	0.0	0.0		
ALB Isoform 1 of Serum albumin precursor	IPI00745872	69 kDa	2741	3015	2844	2517	4574	3838	2878	2681	4206	0.0632	0.0775	1.6	1.5		
ALDH1A1 Retinal dehydrogenase 1	IPI00218914	55 kDa	8	11	10	18	7	11	10	14	9	0.3930	0.7148	0.6	0.9		
ALDH1L1 10-formyltetrahydrofolate dehydrogenase	IPI00290553	99 kDa	2	6	0	0	0	0	4	0	0	-	0.1450	-	0.0		
ALDH7A1 aldehyde dehydrogenase 7 family, member A1	IPI00221234	58 kDa	5	3	0	0	0	0	4	0	0	-	0.0492	-	0.0		
ALDH9A1 aldehyde dehydrogenase 9A1	IPI00479877	56 kDa	2	2	0	4	0	1	2	2	1	0.5478	0.1010	0.3	0.2		
ALDOA Fructose-bisphosphate aldolase A	IPI00465439	39 kDa	13	14	13	14	4	0	14	14	2	0.0408	0.0365	0.2	0.2		

ALDOB Fructose-bisphosphate aldolase B	IPI00218407	39 kDa	48	54	36	55	24	19	51	45	22	0.1358	0.0172	0.5	0.4
AMBP AMBP protein precursor	IPI00022426	39 kDa	1303	1189	1154	1360	2204	2385	1246	1257	2295	0.0171	0.0103	1.8	1.8
AMICA1 Isoform 2 of Junctional adhesion molecule-like protein 1 precursor	IPI00183703	43 kDa	0	1	0	3	0	0	1	2	0	0.4226	0.4226	0.0	0.0
AMY1A;AMY1B;AMY1C;AMY2A Alpha-amylase 1 precursor	IPI00300786	58 kDa	378	404	179	202	162	181	391	190	172	0.3384	0.0056	0.9	0.4
AMY1A;AMY1B;AMY1C;AMY2A Pancreatic alpha-amylase 1 precursor	IPI00025476	58 kDa	441	475	188	204	188	203	458	196	196	0.9534	0.0049	1.0	0.4
AMY2B Alpha-amylase 2B precursor	IPI00021447	58 kDa	378	406	178	194	157	176	392	186	167	0.2590	0.0056	0.9	0.4
ANG Angiogenin precursor	IPI00008554	17 kDa	5	4	4	9	1	0	4	7	1	0.1389	0.0298	0.1	0.1
ANGPTL2 Angiotensin-related protein 2 precursor	IPI00007800	57 kDa	41	39	42	39	9	4	40	41	7	0.0062	0.0052	0.2	0.2
ANPEP Aminopeptidase N	IPI00221224	110 kDa	360	373	323	391	275	291	366	357	283	0.1688	0.0151	0.8	0.8
ANTXR1 Isoform 1 of Anthrax toxin receptor 1 precursor	IPI00030431	63 kDa	12	10	12	18	7	11	11	15	9	0.2419	0.4172	0.6	0.8
ANXA1 Annexin A1	IPI00218918	39 kDa	6	3	17	19	1	1	4	18	1	0.0026	0.1505	0.1	0.2
ANXA11 Annexin A11	IPI00414320	54 kDa	16	17	29	29	19	20	16	29	20	0.0087	0.0979	0.7	1.2
ANXA2 Annexin A2	IPI00455315	39 kDa	25	16	32	25	22	19	21	28	21	0.1757	0.9889	0.7	1.0
ANXA3 Annexin A3	IPI00024095	36 kDa	4	2	7	2	0	0	3	5	0	0.2179	0.0727	0.0	0.0
ANXA4 annexin IV	IPI00793199	36 kDa	8	13	3	4	4	1	11	4	3	0.6479	0.1073	0.7	0.3
ANXA5 Annexin A5	IPI00329801	36 kDa	8	9	2	1	6	1	9	2	3	0.5312	0.1366	2.1	0.4
ANXA6 annexin VI isoform 2	IPI00002459	75 kDa	17	12	2	2	1	0	14	2	1	0.1071	0.0300	0.3	0.0
ANXA7 Isoform 1 of Annexin A7	IPI00002460	53 kDa	5	5	1	9	4	5	5	5	5	0.9484	0.9805	0.9	1.0
AOX1 aldehyde oxidase 1	IPI00872655	148 kDa	14	19	16	20	0	0	17	18	0	0.0112	0.0186	0.0	0.0
APCS Serum amyloid P-component precursor	IPI00022391	25 kDa	5	4	4	5	2	3	4	5	3	0.1026	0.1209	0.6	0.6
APEH Acylamino-acid-releasing enzyme	IPI00337741	81 kDa	1	4	2	2	0	0	3	2	0	0.0001	0.2046	0.0	0.0
APLP2 Isoform 1 of Amyloid-like protein 2 precursor	IPI00031030	87 kDa	16	24	3	2	3	4	20	3	4	0.2551	0.0635	1.4	0.2
APOA1 Apolipoprotein A-I precursor	IPI00021841	31 kDa	52	43	58	67	9	3	47	63	6	0.0087	0.0150	0.1	0.1
APOA2 Apolipoprotein A-II precursor	IPI00021854	11 kDa	4	14	19	11	8	3	9	15	5	0.1591	0.6154	0.4	0.6
APOA4 Apolipoprotein A-IV precursor	IPI00304273	45 kDa	19	19	30	34	4	0	19	32	2	0.0111	0.0166	0.1	0.1
APOD Apolipoprotein D precursor	IPI00006662	21 kDa	331	294	383	345	256	253	312	364	255	0.0300	0.0897	0.7	0.8
APOE Apolipoprotein E precursor	IPI00021842	36 kDa	56	57	19	28	8	12	57	24	10	0.1069	0.0020	0.4	0.2
APOH Beta-2-glycoprotein 1 precursor	IPI00298828	38 kDa	74	58	55	59	81	94	66	57	88	0.0453	0.1726	1.5	1.3
APOM Apolipoprotein M	IPI00030739	21 kDa	7	3	1	2	6	1	5	2	3	0.5273	0.6131	2.1	0.6
APP Isoform APP770 of Amyloid beta A4 protein precursor	IPI00006608	87 kDa	53	54	24	31	34	31	53	28	33	0.3123	0.0060	1.2	0.6
AQP1 Aquaporin-1	IPI00024689	29 kDa	4	4	3	7	0	0	4	5	0	0.1246	0.0028	0.0	0.0
AQP2 Aquaporin-2	IPI00012818	29 kDa	1	1	2	9	21	18	1	6	20	0.0688	0.0052	3.4	17.8
ARF1 ADP-ribosylation factor 1	IPI00215914	21 kDa	12	8	6	8	3	2	10	7	3	0.0549	0.0728	0.4	0.3
ARF6 ADP-ribosylation factor 6	IPI00215920	20 kDa	4	7	2	4	3	2	5	3	3	0.7609	0.2883	0.9	0.5
ARG1 Isoform 1 of Arginase-1	IPI00291560	35 kDa	0	0	0	3	0	0	0	2	0	0.4226	-	0.0	-
ARHGDI1 Rho GDP-dissociation inhibitor 1	IPI00003815	23 kDa	2	3	1	2	0	0	3	2	0	0.0905	0.0122	0.0	0.0
ARHGDI2 Rho GDP-dissociation inhibitor 2	IPI00003817	23 kDa	0	1	2	1	0	0	1	2	0	0.1004	0.4226	0.0	0.0
ARHGEF10L Isoform 2 of Rho guanine nucleotide exchange factor 10L	IPI00478817	136 kDa	0	4	0	0	0	0	2	0	0	-	0.4226	-	0.0
ARL8B ADP-ribosylation factor-like protein 8B	IPI00018871	22 kDa	1	2	0	1	0	0	2	1	0	0.4226	0.0574	0.0	0.0
ARPC3 Actin-related protein 2/3 complex subunit 3	IPI00005162	21 kDa	4	1	3	5	0	0	2	4	0	0.0528	0.2187	0.0	0.0
ARRDC1 Arrestin domain-containing protein 1	IPI00166858	46 kDa	1	1	0	1	2	2	1	1	2	0.0856	0.0091	4.2	2.0
ARSA Putative uncharacterized protein DKFZp686G12235	IPI00329685	54 kDa	37	37	42	40	15	20	37	41	18	0.0128	0.0165	0.4	0.5
ARSB Arylsulfatase B precursor	IPI00306576	60 kDa	2	7	2	4	2	2	5	3	2	0.4446	0.3870	0.7	0.5
ARSF Arylsulfatase F precursor	IPI00008405	66 kDa	1	2	0	0	0	0	2	0	0	-	0.0574	-	0.0
ART1 GPI-linked NAD	IPI00006067	36 kDa	0	0	2	3	0	0	0	3	0	0.0340	-	0.0	-
ART3 Isoform 3 of Ecto-ADP-ribosyltransferase 3 precursor	IPI00013682	44 kDa	0	0	0	0	2	0	0	0	1	0.4226	0.4226	-	-
ASAH1 Acid ceramidase precursor	IPI00013698	45 kDa	42	44	33	27	43	30	43	30	36	0.4486	0.4232	1.2	0.8

ASAM Adipocyte adhesion molecule precursor	IPI00024929	41 kDa	0	2	2	2	0	0	1	2	0	0.0001	0.4226	0.0	0.0
ASL Argininosuccinate lyase	IPI00220267	52 kDa	0	1	2	0	0	0	1	1	0	0.4226	0.4226	0.0	0.0
ASS1 Argininosuccinate synthase	IPI00020632	51 kDa	16	16	6	9	0	2	16	8	1	0.0661	0.0055	0.1	0.1
ATP1A1 Isoform Long of Sodium/potassium-transporting A	IPI00006482	113 kDa	7	12	0	0	1	2	10	0	2	0.0901	0.0834	-	0.2
ATP1B1 Isoform 1 of Sodium/potassium-transporting ATPa	IPI00747849	35 kDa	2	1	0	0	0	0	2	0	0	-	0.1357	-	0.0
ATP5B ATP synthase subunit beta, mitochondrial precursor	IPI00303476	57 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
ATP6AP1 Vacuolar ATP synthase subunit S1 precursor	IPI00784119	52 kDa	6	1	4	6	0	0	3	5	0	0.0340	0.2964	0.0	0.0
ATP6AP2 Renin receptor precursor	IPI00168884	39 kDa	5	7	3	5	0	0	6	4	0	0.0528	0.0332	0.0	0.0
ATP6V0A4 Vacuolar proton translocating ATPase 116 kDa s	IPI00009852	96 kDa	1	2	0	0	0	0	2	0	0	-	0.0574	-	0.0
ATP6V0D1 Vacuolar proton pump subunit d 1	IPI00034159	40 kDa	1	0	1	0	2	0	1	1	1	0.6862	0.7280	2.1	1.8
ATP6V1A Vacuolar ATP synthase catalytic subunit A	IPI00007682	68 kDa	1	4	1	1	0	0	3	1	0	0.0001	0.2046	0.0	0.0
ATP6V1B1 Vacuolar ATP synthase subunit B, kidney isoform	IPI00304911	57 kDa	2	3	0	0	3	1	3	0	2	0.1885	0.7007	-	0.8
ATP6V1E1 Vacuolar proton pump subunit E 1	IPI00003856	26 kDa	0	3	0	0	1	0	2	0	1	0.4226	0.6125	-	0.4
ATP6V1G1 Vacuolar proton pump subunit G 1	IPI00025285	14 kDa	4	3	0	2	1	0	3	1	1	0.7192	0.0481	0.5	0.2
ATRN Isoform 2 of Attractin precursor	IPI00162735	141 kDa	270	256	274	306	243	274	263	290	258	0.2871	0.8162	0.9	1.0
AXL AXL receptor tyrosine kinase isoform 1	IPI00296992	98 kDa	60	55	51	42	69	60	57	47	65	0.1009	0.3000	1.4	1.1
AZGP1 alpha-2-glycoprotein 1, zinc	IPI00166729	34 kDa	336	273	327	347	734	785	304	337	759	0.0041	0.0078	2.3	2.5
AZU1 Azurocidin precursor	IPI00022246	27 kDa	0	0	13	6	0	0	0	9	0	0.1004	-	0.0	-
B3GNT1 N-acetyllactosaminide beta-1,3-N-acetylglucosam	IPI00009997	47 kDa	16	11	6	13	4	2	13	10	3	0.2171	0.0593	0.3	0.2
B4GALT1 Isoform Long of Beta-1,4-galactosyltransferase 1	IPI00215767	44 kDa	2	3	5	4	1	0	3	5	1	0.0347	0.0756	0.1	0.2
BAIAP2 Isoform 5 of Brain-specific angiogenesis inhibitor 1	IPI00180292	57 kDa	0	1	0	0	0	2	1	0	1	0.4226	0.6760	-	2.1
BAMBI BMP and activin membrane-bound inhibitor homol	IPI00011899	29 kDa	5	4	5	3	4	4	4	4	4	0.9054	0.9116	1.0	1.0
BASP1 Brain acid soluble protein 1	IPI00299024	23 kDa	2	8	5	7	12	9	5	6	10	0.1799	0.2599	1.6	2.0
BBOX1 Gamma-butyrobetaine dioxygenase	IPI00027416	45 kDa	1	2	2	4	0	0	2	3	0	0.0905	0.0574	0.0	0.0
BCAM Lutheran blood group glycoprotein precursor	IPI00002406	67 kDa	31	34	31	25	1	3	33	28	2	0.0145	0.0034	0.1	0.1
BDH2 Isoform 1 of 3-hydroxybutyrate dehydrogenase type	IPI00607799	27 kDa	5	4	2	1	1	1	4	2	1	0.4612	0.0142	0.7	0.2
BGN Biglycan precursor	IPI00010790	42 kDa	20	30	17	23	8	6	25	20	7	0.0504	0.0648	0.4	0.3
BHMT Betaine--homocysteine S-methyltransferase 1	IPI00004101	45 kDa	34	31	14	11	2	4	32	13	3	0.0276	0.0032	0.3	0.1
BID Isoform 1 of BH3-interacting domain death agonist	IPI00413587	22 kDa	7	2	4	4	0	1	5	4	1	0.0211	0.2654	0.1	0.1
BSG Isoform 2 of Basigin precursor	IPI00019906	29 kDa	11	9	5	8	6	11	10	7	8	0.7021	0.5863	1.2	0.8
BST1 ADP-ribosyl cyclase 2 precursor	IPI00026240	36 kDa	7	4	4	4	8	3	6	4	5	0.6274	0.9652	1.3	1.0
BTD biotinidase precursor	IPI00218413	61 kDa	35	42	36	39	45	19	38	38	32	0.7156	0.6903	0.9	0.8
BTN2A1 butyrophilin, subfamily 2, member A1 isoform 2 p	IPI00019862	38 kDa	73	58	46	43	34	21	66	45	28	0.1207	0.0619	0.6	0.4
BTNL3 Isoform 2 of Butyrophilin-like protein 3 precursor	IPI00009151	48 kDa	2	1	4	2	0	0	2	3	0	0.1004	0.1357	0.0	0.0
C11orf52 Uncharacterized protein C11orf52	IPI00059185	14 kDa	2	2	2	0	1	0	2	1	1	0.7113	0.1062	0.5	0.3
C11orf54 Isoform 1 of Ester hydrolase C11orf54	IPI00072044	35 kDa	19	18	14	8	7	5	19	11	6	0.2148	0.0046	0.5	0.3
C17orf37 Uncharacterized protein C17orf37	IPI00878073	12 kDa	4	4	2	3	6	4	4	3	5	0.0994	0.2263	1.9	1.3
C17orf61 UPF0451 protein C17orf61 precursor	IPI00166483	12 kDa	4	4	0	0	0	0	4	0	0	-	0.0028	-	0.0
C19orf10 UPF0556 protein C19orf10 precursor	IPI00056357	19 kDa	2	8	7	0	6	8	5	4	7	0.5416	0.7031	1.8	1.3
C1orf58 BRO1 domain-containing protein BROX	IPI00065500	46 kDa	20	19	16	9	11	15	20	13	13	0.9241	0.0884	1.0	0.7
C1orf68;LOC100129271 Skin-specific protein 32	IPI00023078	26 kDa	8	6	5	2	0	2	7	4	1	0.3103	0.0625	0.3	0.1
C1R Complement C1r subcomponent precursor	IPI00296165	80 kDa	4	7	8	10	4	1	5	9	3	0.0731	0.3944	0.3	0.5
C1RL Complement C1r subcomponent-like protein precurs	IPI00009793	53 kDa	61	63	54	57	70	49	62	55	60	0.7174	0.8559	1.1	1.0
C1S Complement C1s subcomponent precursor	IPI00017696	77 kDa	6	7	6	7	6	4	6	7	5	0.1268	0.1786	0.7	0.8
C2 Complement C2 precursor (Fragment)	IPI00303963	83 kDa	2	6	4	4	1	2	4	4	2	0.0395	0.3034	0.4	0.4
C20orf114 Isoform 1 of Long palate, lung and nasal epithel	IPI00291410	52 kDa	0	0	1	3	0	0	0	2	0	0.1789	-	0.0	-
C3 Complement C3 precursor (Fragment)	IPI00783987	187 kDa	103	119	157	155	39	26	111	156	32	0.0027	0.0162	0.2	0.3

C4B complement component 4B preproprotein	IPI00418163	193 kDa	95	82	122	116	41	34	88	119	38	0.0028	0.0190	0.3	0.4
C5 Complement C5 precursor	IPI00032291	188 kDa	7	11	2	2	0	0	9	2	0	0.0001	0.0411	0.0	0.0
C5orf15 Keratinocytes-associated transmembrane protein	IPI00550571	29 kDa	0	0	5	0	0	0	0	3	0	0.4226	-	0.0	-
C5orf32 UPF0467 protein C5orf32	IPI00382821	11 kDa	0	4	2	2	3	1	2	2	2	0.9411	0.9423	1.0	1.1
C6 Complement component 6 precursor	IPI00879709	106 kDa	4	6	8	6	1	1	5	7	1	0.0311	0.0908	0.1	0.2
C6orf108 c-Myc-responsive protein Rcl	IPI00007926	19 kDa	1	2	0	2	0	1	2	1	1	0.7106	0.2534	0.5	0.3
C6orf120 Uncharacterized protein C6orf120 precursor	IPI00376035	21 kDa	2	2	3	4	1	0	2	4	1	0.0512	0.1062	0.2	0.3
C7 Complement component C7 precursor	IPI00296608	94 kDa	40	31	25	38	32	26	35	32	29	0.7131	0.3459	0.9	0.8
C7orf24 Uncharacterized protein C7orf24	IPI00031564	21 kDa	7	6	6	14	2	3	7	10	3	0.2008	0.0385	0.3	0.4
C8G Complement component C8 gamma chain precursor	IPI00011261	22 kDa	5	1	2	1	0	0	3	2	0	0.1004	0.2663	0.0	0.0
C9 Complement component C9 precursor	IPI00022395	63 kDa	12	15	14	6	1	1	13	10	1	0.1425	0.0144	0.1	0.1
C9orf58 Isoform 1 of Ionized calcium-binding adapter mole	IPI00034205	17 kDa	2	5	1	0	1	0	4	1	1	0.9809	0.1556	1.0	0.1
CA1 Carbonic anhydrase 1	IPI00215983	29 kDa	2	2	7	6	41	19	2	7	30	0.1626	0.1215	4.4	13.7
CA2 Carbonic anhydrase 2	IPI00218414	29 kDa	12	10	10	6	3	3	11	8	3	0.1089	0.0162	0.4	0.3
CA4 Carbonic anhydrase 4 precursor	IPI00027466	35 kDa	6	4	0	0	1	1	5	0	1	0.0002	0.0593	-	0.2
CAB39 Calcium-binding protein 39	IPI00032561	40 kDa	12	5	10	5	10	5	8	7	8	0.9368	0.8556	1.0	0.9
CACNA2D1 Dihydropyridine receptor alpha 2 subunit	IPI00470535	125 kDa	13	15	5	5	6	4	14	5	5	0.6335	0.0137	0.9	0.3
CADM1 Isoform 1 of Cell adhesion molecule 1 precursor	IPI00003813	49 kDa	22	32	25	16	36	14	27	20	25	0.7397	0.9053	1.2	0.9
CADM3 Isoform 2 of Cell adhesion molecule 3 precursor	IPI00009619	47 kDa	6	5	11	9	9	9	5	10	9	0.1903	0.0244	0.9	1.6
CADM4 Cell adhesion molecule 4 precursor	IPI00176427	43 kDa	56	54	48	45	50	55	55	46	52	0.1861	0.3998	1.1	0.9
CALB1 Calbindin	IPI00220361	30 kDa	5	9	4	6	3	2	7	5	3	0.1605	0.1956	0.5	0.4
CALM2;CALM1;CALM3 Calmodulin	IPI00075248	17 kDa	13	13	5	9	10	5	13	7	8	0.9235	0.1379	1.0	0.6
CALML5 Calmodulin-like protein 5	IPI00021536	16 kDa	2	1	5	4	0	0	2	5	0	0.0146	0.1357	0.0	0.0
CALR Calreticulin precursor	IPI00020599	48 kDa	2	3	7	5	4	0	3	6	2	0.2391	0.8433	0.3	0.8
CALU Isoform 2 of Calumenin precursor	IPI00045396	37 kDa	4	2	0	1	0	0	3	1	0	0.4226	0.0727	0.0	0.0
CAMP Cathelicidin antimicrobial peptide precursor	IPI00292532	20 kDa	6	6	11	9	10	8	6	10	9	0.4546	0.1512	0.9	1.5
CAND1 Isoform 1 of Cullin-associated NEDD8-dissociated p	IPI00100160	136 kDa	6	1	1	0	0	0	3	1	0	0.4226	0.2964	0.0	0.0
CANT1 Isoform 1 of Soluble calcium-activated nucleotidase	IPI00103175	45 kDa	4	7	1	6	0	0	5	4	0	0.2937	0.0895	0.0	0.0
CAP1 Adenylyl cyclase-associated protein 1	IPI00008274	52 kDa	0	0	3	0	0	0	0	2	0	0.4226	-	0.0	-
CAPG Macrophage-capping protein	IPI00027341	39 kDa	7	10	4	6	10	2	9	5	6	0.8599	0.5965	1.2	0.7
CAPNS cDNA FLJ46245 fis, clone TEST14020596, highly simil	IPI00643994	77 kDa	4	6	3	1	1	2	5	2	2	0.7248	0.1364	0.8	0.3
CAPN7 Calpain-7	IPI00003765	93 kDa	7	15	6	4	11	3	11	5	7	0.6902	0.5448	1.4	0.6
CAPNS1 Calpain small subunit 1	IPI00025084	28 kDa	1	1	1	2	0	0	1	2	0	0.0905	0.0081	0.0	0.0
CAPZA2 F-actin-capping protein subunit alpha-2	IPI00026182	33 kDa	4	0	0	1	1	0	2	1	1	0.9696	0.5751	1.1	0.3
CASP14 Caspase-14 precursor	IPI00013885	28 kDa	8	10	37	42	0	0	9	40	0	0.0046	0.0075	0.0	0.0
CAT Catalase	IPI00465436	60 kDa	13	12	4	4	0	0	13	4	0	0.0001	0.0022	0.0	0.0
CBR1 Carbonyl reductase [NADPH] 1	IPI00295386	30 kDa	6	6	1	1	0	0	6	1	0	0.0001	0.0000	0.0	0.0
CD109 Isoform 1 of CD109 antigen precursor	IPI00152540	162 kDa	4	3	1	1	0	0	3	1	0	0.0001	0.0081	0.0	0.0
CD14 Monocyte differentiation antigen CD14 precursor	IPI00029260	40 kDa	98	95	134	121	175	147	97	128	161	0.1648	0.0444	1.3	1.7
CD160 CD160 antigen precursor	IPI00296067	20 kDa	5	4	4	2	7	0	4	3	3	0.9700	0.7728	1.0	0.8
CD163 Isoform 1 of Scavenger receptor cysteine-rich type	IPI00104074	125 kDa	2	3	2	1	6	0	3	2	3	0.7160	0.9868	1.7	1.0
CD177 Isoform 1 of CD177 antigen precursor	IPI00297444	46 kDa	5	1	4	2	1	2	3	3	2	0.3313	0.5838	0.5	0.6
CD209 Isoform 1 of CD209 antigen	IPI00028136	46 kDa	1	3	2	4	2	4	2	3	3	0.9429	0.4933	1.0	1.5
CD248 Isoform 1 of Endosialin precursor	IPI00006971	81 kDa	110	94	114	118	130	114	102	116	122	0.5653	0.2278	1.0	1.2
CD27 CD27 antigen precursor	IPI00002435	29 kDa	30	28	16	18	26	44	29	17	35	0.1720	0.5551	2.1	1.2
CD276 Isoform 1 of CD276 antigen precursor	IPI00410488	57 kDa	17	16	14	14	15	13	16	14	14	0.9932	0.2306	1.0	0.9
CD2AP CD2-associated protein	IPI00412771	71 kDa	6	3	1	0	2	1	4	1	2	0.2884	0.2157	3.1	0.4

CD300A Isoform 1 of CMRF35-like molecule 8 precursor	IPI00414784	33 kDa	24	11	17	11	26	24	17	14	25	0.0732	0.3747	1.8	1.4
CD300E Immune receptor expressed on myeloid cells 2	IPI00376457	26 kDa	2	2	0	1	7	1	2	1	4	0.3592	0.6143	7.4	1.7
CD300LG Isoform 1 of CMRF35-like molecule 9 precursor	IPI00152018	36 kDa	80	64	88	106	79	58	72	97	69	0.1788	0.8148	0.7	1.0
CD320 CD320 antigen precursor	IPI00641251	29 kDa	6	3	4	1	3	3	4	3	3	0.7338	0.4958	1.2	0.7
CD33 Myeloid cell surface antigen CD33 precursor	IPI00022203	40 kDa	8	8	11	5	1	1	8	8	1	0.1287	0.0008	0.1	0.1
CD40 Isoform I of Tumor necrosis factor receptor superfamily 1B member 1 precursor	IPI00018282	31 kDa	2	2	1	2	4	2	2	2	3	0.3007	0.4467	2.1	1.5
CD44 Isoform 12 of CD44 antigen precursor	IPI00297160	39 kDa	179	168	127	134	160	192	173	130	176	0.1115	0.8965	1.3	1.0
CD46 Isoform A of Membrane cofactor protein precursor	IPI00012035	44 kDa	0	0	1	0	1	4	0	1	3	0.3265	0.2333	5.1	-
CD55 Decay-accelerating factor splicing variant 4	IPI00152418	56 kDa	79	71	127	97	163	148	75	112	155	0.1209	0.0107	1.4	2.1
CD58 Isoform 1 of Lymphocyte function-associated antigen 3 precursor	IPI00017529	28 kDa	11	5	8	9	10	9	8	9	9	0.6977	0.6940	1.0	1.2
CD59 CD59 glycoprotein precursor	IPI00011302	14 kDa	263	249	202	225	256	327	256	213	292	0.1698	0.4233	1.4	1.1
CD5L CD5 antigen-like precursor	IPI00025204	38 kDa	5	11	3	6	8	9	8	5	8	0.1607	0.9443	1.7	1.0
CD63 CD63 antigen	IPI00215998	26 kDa	22	15	12	16	10	11	18	14	10	0.2411	0.1381	0.8	0.6
CD7 T-cell antigen CD7 precursor	IPI00015199	25 kDa	5	4	4	2	3	4	4	3	4	0.6428	0.4449	1.2	0.9
CD84 Isoform 3 of SLAM family member 5 precursor	IPI00022039	37 kDa	30	15	22	22	28	26	22	22	27	0.0360	0.6374	1.2	1.2
CD9 CD9 antigen	IPI00215997	25 kDa	12	14	14	14	6	11	13	14	8	0.1506	0.2240	0.6	0.6
CD93 Complement component C1q receptor precursor	IPI00299485	69 kDa	4	0	3	3	2	4	2	3	3	0.9287	0.5583	1.0	1.8
CDC42 Isoform 2 of Cell division control protein 42 homolog 1 precursor	IPI00016786	21 kDa	5	7	6	7	8	4	6	7	6	0.6934	0.9652	0.9	1.0
CDH1 Epithelial cadherin precursor	IPI00025861	97 kDa	43	47	48	48	107	76	45	48	91	0.1028	0.0945	1.9	2.0
CDH11 Isoform 2 of Cadherin-11 precursor	IPI00293539	76 kDa	35	41	58	56	43	23	38	57	33	0.1408	0.6760	0.6	0.9
CDH13 Cadherin-13 precursor	IPI00024046	78 kDa	38	38	50	53	51	64	38	51	58	0.4710	0.1073	1.1	1.5
CDH15 Cadherin-15 precursor	IPI00024048	89 kDa	4	2	6	8	1	0	3	7	1	0.0259	0.1463	0.1	0.2
CDH19 Cadherin-19 precursor	IPI00028135	87 kDa	8	8	8	2	1	0	8	5	1	0.2832	0.0058	0.1	0.1
CDH2 Cadherin-2 precursor	IPI00290085	100 kDa	35	33	31	25	53	45	34	28	49	0.0487	0.0628	1.8	1.4
CDH3 Isoform 2 of Cadherin-3 precursor	IPI00645614	87 kDa	7	6	3	5	0	0	7	4	0	0.0528	0.0081	0.0	0.0
CDH5 Cadherin-5 precursor	IPI00012792	88 kDa	0	0	2	2	0	1	0	2	1	0.1012	0.4226	0.3	-
CDH6 Isoform 1 of Cadherin-6 precursor	IPI00024035	88 kDa	11	8	19	18	10	13	9	18	11	0.0527	0.4311	0.6	1.2
CEACAM5 Protein	IPI00880101	76 kDa	0	0	15	9	0	0	0	12	0	0.0483	-	0.0	-
CEACAM6 Carcinoembryonic antigen-related cell adhesion molecule 6 precursor	IPI00027412	37 kDa	4	4	0	2	3	1	4	1	2	0.5278	0.2905	2.1	0.6
CEACAM8 Carcinoembryonic antigen-related cell adhesion molecule 8 precursor	IPI00013972	38 kDa	23	16	15	11	12	12	19	13	12	0.5733	0.1598	0.9	0.6
CEL carboxyl ester lipase precursor	IPI00099670	80 kDa	77	79	70	77	67	74	78	73	71	0.6377	0.1850	1.0	0.9
CETP Isoform 1 of Cholesteryl ester transfer protein precursor	IPI00006173	55 kDa	6	7	23	25	2	0	6	24	1	0.0034	0.0467	0.0	0.2
CFB Isoform 1 of Complement factor B precursor (Fragment B)	IPI00019591	86 kDa	35	30	48	59	19	23	32	53	21	0.0320	0.0616	0.4	0.6
CFH Isoform 1 of Complement factor H precursor	IPI00029739	139 kDa	52	45	41	49	6	9	48	45	7	0.0109	0.0076	0.2	0.1
CFHR1 Complement factor H-related protein 1 precursor	IPI00011264	38 kDa	28	31	24	30	20	9	29	27	14	0.1746	0.1236	0.5	0.5
CFHR2 Isoform Long of Complement factor H-related protein 2 precursor	IPI00006154	31 kDa	19	20	12	10	13	8	20	11	10	0.8463	0.0847	0.9	0.5
CFI Complement factor I precursor	IPI00291867	66 kDa	59	53	50	30	34	26	56	40	30	0.4509	0.0361	0.8	0.5
CFL1 Cofilin-1	IPI00012011	19 kDa	12	10	6	5	2	6	11	6	4	0.5790	0.1042	0.7	0.4
CHGA Chromogranin-A precursor	IPI00290315	51 kDa	6	5	13	6	7	4	5	9	5	0.3645	0.9721	0.6	1.0
CHL1 Isoform 2 of Neural cell adhesion molecule L1-like protein 1 precursor	IPI00299059	137 kDa	115	130	108	92	41	56	123	100	48	0.0419	0.0198	0.5	0.4
CHMP1B Charged multivesicular body protein 1b	IPI00156984	22 kDa	11	4	3	1	2	5	7	2	4	0.4726	0.4368	1.8	0.5
CHMP2A Charged multivesicular body protein 2a	IPI00004416	25 kDa	7	8	7	3	3	1	8	5	2	0.3327	0.0447	0.4	0.3
CHMP2B Charged multivesicular body protein 2b	IPI00550181	24 kDa	7	4	2	1	0	3	6	2	2	0.9860	0.2208	1.0	0.3
CHMP4B Charged multivesicular body protein 4b	IPI00025974	25 kDa	7	8	4	4	2	4	8	4	3	0.4638	0.0605	0.8	0.4
CHMP5 Charged multivesicular body protein 5	IPI00100796	25 kDa	8	10	5	7	2	2	9	6	2	0.0524	0.0129	0.3	0.2
CHODL Isoform 1 of Chondrolectin precursor	IPI00017202	30 kDa	4	1	1	0	0	1	2	1	1	0.9932	0.3366	1.0	0.2
CILP Cartilage intermediate layer protein 1 precursor	IPI00289275	133 kDa	6	10	22	19	14	19	8	20	17	0.3616	0.1110	0.8	2.1

CLP2 Cartilage intermediate layer protein 2 precursor	IPI00216780	127 kDa	8	4	26	25	0	0	6	26	0	0.0010	0.1060	0.0	0.0
CKB Creatine kinase B-type	IPI00022977	43 kDa	11	11	0	5	0	0	11	3	0	0.4226	0.0001	0.0	0.0
CLEC14A C-type lectin domain family 14 member A precursor	IPI00240345	52 kDa	13	18	43	28	10	6	16	36	8	0.0739	0.1292	0.2	0.5
CLEC3B Tetranectin precursor	IPI00009028	23 kDa	40	42	23	36	31	38	41	30	34	0.6061	0.2080	1.1	0.8
CLEC4G C-type lectin domain family 4 member G	IPI00243602	33 kDa	10	10	7	9	4	2	10	8	3	0.0747	0.0295	0.4	0.3
CLIC1 Chloride intracellular channel protein 1	IPI00010896	27 kDa	5	6	6	7	0	0	5	7	0	0.0043	0.0122	0.0	0.0
CLIC4 Chloride intracellular channel protein 4	IPI00001960	29 kDa	5	7	16	12	0	0	6	14	0	0.0146	0.0332	0.0	0.0
CLN5 ceroid-lipofuscinosis, neuronal 5	IPI00026050	46 kDa	8	16	5	9	4	6	12	7	5	0.4912	0.2275	0.7	0.4
CLPS Colipase precursor	IPI00022232	12 kDa	11	22	2	2	2	5	16	2	4	0.3977	0.1627	1.8	0.2
CLSTN1 Isoform 2 of Calsyntenin-1 precursor (Fragment)	IPI00007257	109 kDa	1	2	1	1	3	2	2	1	3	0.1008	0.2505	2.6	1.7
CLTC Isoform 1 of Clathrin heavy chain 1	IPI00024067	192 kDa	5	12	1	4	1	2	8	3	2	0.6095	0.2038	0.6	0.2
CLU Clusterin precursor	IPI00291262	52 kDa	181	133	128	117	102	96	157	123	99	0.0685	0.1390	0.8	0.6
CMBL Carboxymethylenebutenolidase homolog	IPI00383046	28 kDa	2	3	4	1	0	0	3	3	0	0.2413	0.0122	0.0	0.0
CMPK1 cDNA, FLJ93091, Homo sapiens UMP-CMP kinase (I	IPI00219953	26 kDa	4	0	0	2	0	0	2	1	0	0.4226	0.4226	0.0	0.0
CNDP1 Beta-Ala-His dipeptidase precursor	IPI00064667	57 kDa	0	0	2	2	0	0	0	2	0	0.0001	-	0.0	-
CNDP2 Cytosolic non-specific dipeptidase	IPI00177728	53 kDa	5	4	3	5	3	3	4	4	3	0.4566	0.1046	0.8	0.7
CNP Isoform CNPI of 2',3'-cyclic-nucleotide 3'-phosphodies	IPI00220993	45 kDa	4	2	1	5	3	0	3	3	2	0.6341	0.5951	0.5	0.6
CNTR Ciliary neurotrophic factor receptor alpha precursor	IPI00003102	41 kDa	38	31	66	43	19	24	35	55	21	0.0987	0.0925	0.4	0.6
CNTN1 Isoform 1 of Contactin-1 precursor	IPI00029751	113 kDa	84	106	67	79	63	72	95	73	67	0.5501	0.1469	0.9	0.7
CNTN6 Contactin-6 precursor	IPI00004433	114 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
COCH Cochlin precursor	IPI00012386	59 kDa	8	8	6	11	14	9	8	9	11	0.5687	0.3743	1.3	1.4
COL12A1 Isoform 4 of Collagen alpha-1(XII) chain precursor	IPI00302944	325 kDa	22	23	5	12	9	12	22	9	10	0.7444	0.0187	1.2	0.5
COL14A1 Isoform 1 of Collagen alpha-1(XIV) chain precursor	IPI00176193	194 kDa	0	0	0	2	0	0	0	1	0	0.4226	-	0.0	-
COL15A1 Collagen alpha-1(XV) chain precursor	IPI00295414	142 kDa	31	23	49	49	28	23	27	49	25	0.0108	0.7084	0.5	0.9
COL18A1 Isoform 2 of Collagen alpha-1(XVIII) chain precursor	IPI00022822	154 kDa	48	48	28	26	13	18	48	27	16	0.0538	0.0061	0.6	0.3
COL1A2 Collagen alpha-2(I) chain precursor	IPI00304962	129 kDa	12	10	7	9	8	3	11	8	5	0.3553	0.1526	0.7	0.5
COL28A1 Isoform 1 of Collagen alpha-1(XXVIII) chain precursor	IPI00657936	117 kDa	14	6	4	4	2	0	10	4	1	0.1071	0.1709	0.3	0.1
COL4A1 Uncharacterized protein COL4A1	IPI00743696	161 kDa	18	13	15	10	8	10	15	13	9	0.2506	0.1260	0.7	0.6
COL4A2 Collagen alpha-2(IV) chain precursor	IPI00306322	168 kDa	56	60	39	34	23	41	58	37	32	0.6585	0.1009	0.9	0.5
COL4A6 Isoform B of Collagen alpha-6(IV) chain precursor	IPI00472200	164 kDa	2	4	1	1	0	0	3	1	0	0.0001	0.0574	0.0	0.0
COL5A3 Collagen alpha-3(V) chain precursor	IPI00018279	172 kDa	1	4	2	4	3	2	3	3	3	0.7609	0.9420	0.9	1.0
COL6A1 Collagen alpha-1(VI) chain precursor	IPI00291136	109 kDa	273	278	297	297	202	248	276	297	225	0.0879	0.1581	0.8	0.8
COL6A2 Isoform 2C2A of Collagen alpha-2(VI) chain precursor	IPI00220613	97 kDa	2	5	2	4	3	0	4	3	2	0.5247	0.4325	0.5	0.4
COL6A3 alpha 3 type VI collagen isoform 1 precursor	IPI00022200	344 kDa	68	60	32	57	37	32	64	44	35	0.5350	0.0269	0.8	0.5
COLEC12 Isoform 1 of Collectin-12	IPI00414467	82 kDa	2	2	11	10	11	9	2	10	10	0.6335	0.0250	0.9	4.5
COMP Cartilage oligomeric matrix protein precursor	IPI00028030	83 kDa	6	16	7	8	6	4	11	8	5	0.0581	0.3497	0.6	0.4
COPB2 Coatamer subunit beta'	IPI00220219	102 kDa	2	3	1	2	0	0	3	2	0	0.0905	0.0122	0.0	0.0
CORO1A Coronin-1A	IPI00010133	51 kDa	0	0	1	2	0	0	0	2	0	0.0905	-	0.0	-
COTL1 Coactosin-like protein	IPI00017704	16 kDa	11	19	8	11	9	5	15	10	7	0.3340	0.2213	0.7	0.5
CP Ceruloplasmin precursor	IPI00017601	122 kDa	327	368	279	238	306	305	348	258	305	0.1452	0.1732	1.2	0.9
CPA1 Carboxypeptidase A1 precursor	IPI00009823	47 kDa	1	0	0	0	13	8	1	0	10	0.0678	0.0784	-	17.3
CPD Carboxypeptidase D precursor	IPI00027078	153 kDa	2	2	1	1	0	0	2	1	0	0.0001	0.0081	0.0	0.0
CPE Carboxypeptidase E precursor	IPI00031121	64 kDa	19	22	7	20	19	13	21	14	16	0.7716	0.2762	1.2	0.8
CPM Carboxypeptidase M precursor	IPI00026270	51 kDa	47	45	43	69	21	31	46	56	26	0.1613	0.0620	0.5	0.6
CPN2 Carboxypeptidase N subunit 2 precursor	IPI00479116	61 kDa	47	50	52	47	55	39	48	49	47	0.8058	0.8698	1.0	1.0
CPNE3 Copine-3	IPI00024403	60 kDa	6	3	8	6	2	2	4	7	2	0.0447	0.2610	0.3	0.5
CPNE8 Copine-8	IPI00384746	63 kDa	4	2	0	2	0	1	3	1	1	0.7106	0.1431	0.5	0.2



CPVL Probable serine carboxypeptidase CPVL precursor	IPI00301395	54 kDa	25	27	16	19	4	6	26	17	5	0.0203	0.0043	0.3	0.2
CPZ Isoform 2 of Carboxypeptidase Z precursor	IPI00179185	73 kDa	4	4	2	1	3	2	4	2	3	0.2841	0.2208	1.7	0.7
CR1 Complement receptor type 1 precursor	IPI00412546	273 kDa	13	6	2	0	0	0	10	1	0	0.4226	0.1164	0.0	0.0
CRABP2 Cellular retinoic acid-binding protein 2	IPI00216088	16 kDa	2	3	2	3	1	0	3	3	1	0.1081	0.0756	0.2	0.2
CRB2 Isoform 1 of Crumbs homolog 2 precursor	IPI00410585	134 kDa	16	15	13	10	6	10	15	12	8	0.2403	0.0668	0.7	0.5
CRIM1 Cysteine-rich motor neuron 1 protein precursor	IPI00009294	114 kDa	6	10	3	7	3	8	8	5	5	0.9528	0.4669	1.0	0.7
CRISPLD1 Cysteine-rich secretory protein LCCL domain-con	IPI00027806	57 kDa	1	0	2	0	0	0	1	1	0	0.4226	0.4226	0.0	0.0
CRISPLD2 Isoform 1 of Cysteine-rich secretory protein LCCL	IPI00027821	56 kDa	10	6	7	4	2	0	8	6	1	0.1410	0.0863	0.2	0.1
CRP Isoform 1 of C-reactive protein precursor	IPI00022389	25 kDa	6	8	0	2	1	0	7	1	1	0.7192	0.0300	0.5	0.1
CRTAC1 Isoform 1 of Cartilage acidic protein 1 precursor	IPI00451624	71 kDa	0	0	5	6	1	1	0	6	1	0.0095	0.0002	0.2	-
CRYAB Alpha-crystallin B chain	IPI00021369	20 kDa	5	7	6	8	0	0	6	7	0	0.0169	0.0332	0.0	0.0
CRYL1 Lambda-crystallin homolog	IPI00006443	35 kDa	10	6	6	3	0	1	8	5	1	0.1338	0.0607	0.1	0.1
CRYM Mu-crystallin homolog	IPI00000949	34 kDa	1	0	2	2	0	0	1	2	0	0.0001	0.4226	0.0	0.0
CRYZ Quinone oxidoreductase	IPI00000792	35 kDa	5	2	6	5	2	2	3	6	2	0.0259	0.4736	0.4	0.6
CSF1 Isoform 1 of Macrophage colony-stimulating factor 1	IPI00015881	60 kDa	34	37	33	35	58	71	35	34	65	0.0409	0.0458	1.9	1.8
CSPG4 Chondroitin sulfate proteoglycan 4 precursor	IPI00019157	250 kDa	31	22	32	27	18	11	27	29	14	0.0690	0.1626	0.5	0.5
CST3;CST2 Cystatin-C precursor	IPI00032293	16 kDa	46	39	30	36	23	27	42	33	25	0.1697	0.0444	0.8	0.6
CST4 Cystatin-S precursor	IPI00032294	16 kDa	4	4	7	6	12	8	4	7	10	0.3338	0.1208	1.4	2.6
CST6 Cystatin-M precursor	IPI00019954	17 kDa	26	28	38	29	55	50	27	34	53	0.0641	0.0089	1.6	1.9
CSTA Cystatin-A	IPI00032325	11 kDa	18	25	13	9	15	20	21	11	18	0.1499	0.4918	1.6	0.8
CSTB Cystatin-B	IPI00021828	11 kDa	6	7	4	3	1	0	6	4	1	0.0583	0.0153	0.1	0.1
CTBS Di-N-acetylchitobiase precursor	IPI00007778	44 kDa	55	45	46	37	76	75	50	41	76	0.0145	0.0378	1.8	1.5
CTGF Isoform 1 of Connective tissue growth factor precurs	IPI00020977	38 kDa	4	9	4	8	8	4	6	6	6	0.9304	0.9336	1.0	1.0
CTSA Lysosomal protective protein precursor	IPI00021794	54 kDa	29	30	21	18	11	13	29	19	12	0.0664	0.0041	0.6	0.4
CTSB Cathepsin B precursor	IPI00295741	38 kDa	53	39	28	34	42	48	46	31	45	0.0922	0.9241	1.5	1.0
CTSC Dipeptidyl-peptidase 1 precursor	IPI00022810	52 kDa	36	40	22	25	17	15	38	24	16	0.0352	0.0092	0.7	0.4
CTSD Cathepsin D precursor	IPI00011229	45 kDa	70	75	48	46	57	57	72	47	57	0.0102	0.0308	1.2	0.8
CTSH Cathepsin H precursor	IPI00297487	37 kDa	20	30	13	13	14	14	25	13	14	0.1274	0.1483	1.1	0.6
CTSL1 Cathepsin L1 precursor	IPI00012887	38 kDa	10	13	10	8	18	17	11	9	17	0.0060	0.0711	2.0	1.5
CTSS Cathepsin S precursor	IPI00299150	37 kDa	5	3	4	2	2	2	4	3	2	0.4612	0.1950	0.7	0.6
CTSZ Cathepsin Z precursor	IPI00002745	34 kDa	11	14	14	5	26	18	12	9	22	0.1621	0.1516	2.4	1.8
CTTN Src substrate cortactin	IPI00029601	62 kDa	0	1	2	2	2	2	1	2	2	0.1562	0.0790	1.0	4.3
CUBN Cubilin precursor	IPI00160130	399 kDa	1209	1201	1164	1210	760	881	1205	1187	821	0.0299	0.0240	0.7	0.7
CUTA Isoform A of Protein CutA precursor	IPI00034319	21 kDa	2	6	0	3	2	0	4	2	1	0.8342	0.2798	0.7	0.3
CXCL12 chemokine (C-X-C motif) ligand 12 (stromal cell-de	IPI00413781	14 kDa	7	6	7	2	6	4	7	5	5	0.9597	0.1833	1.0	0.7
CYCS Cytochrome c	IPI00465315	12 kDa	5	7	8	5	2	2	6	7	2	0.1060	0.0776	0.3	0.4
CYFIP1 Isoform 1 of Cytoplasmic FMR1-interacting protein	IPI00644231	145 kDa	5	3	0	3	8	11	4	2	9	0.0717	0.0944	5.9	2.4
DAG1 Dystroglycan precursor	IPI00028911	98 kDa	38	31	41	33	10	3	35	37	7	0.0284	0.0299	0.2	0.2
DAK Dihydroxyacetone kinase	IPI00551024	59 kDa	5	2	1	3	0	0	3	2	0	0.1789	0.1357	0.0	0.0
DBI Isoform a 1 of Acyl-CoA-binding protein	IPI00010182	10 kDa	11	6	5	3	7	4	8	4	5	0.5150	0.3831	1.3	0.6
DCD Dermcidin precursor	IPI00027547	11 kDa	1	6	6	5	6	1	4	6	3	0.3925	0.9326	0.6	0.9
DCHS1 Protocadherin-16 precursor	IPI00064262	346 kDa	38	30	22	20	3	5	34	21	4	0.0097	0.0202	0.2	0.1
DCXR L-xylulose reductase	IPI00448095	26 kDa	5	4	4	2	0	0	4	3	0	0.1004	0.0081	0.0	0.0
DDAH1 N(G),N(G)-dimethylarginine dimethylaminohydrola	IPI00220342	31 kDa	2	1	0	0	2	1	2	0	2	0.1009	0.9513	-	1.0
DDAH2 N(G),N(G)-dimethylarginine dimethylaminohydrola	IPI00000760	30 kDa	4	8	14	13	6	6	6	14	6	0.0042	0.9458	0.4	1.0
DDC Aromatic-L-amino-acid decarboxylase	IPI00025394	54 kDa	16	11	7	6	1	2	13	7	2	0.0228	0.0383	0.2	0.1
DDR1 Isoform 1 of Epithelial discoidin domain-containing r	IPI00001477	101 kDa	1	5	4	7	1	0	3	6	1	0.0836	0.3265	0.1	0.2

DDR2 Discoidin domain-containing receptor 2 precursor	IPI00004409	97 kDa	0	2	4	3	0	0	1	4	0	0.0229	0.4226	0.0	0.0
DDT D-dopachrome decarboxylase	IPI00293867	13 kDa	8	4	2	8	3	1	6	5	2	0.4550	0.2451	0.4	0.4
DEFA1;LOC728358 Neutrophil defensin 1 precursor	IPI00005721	10 kDa	16	8	104	60	8	25	12	82	16	0.1073	0.6826	0.2	1.4
DEFB1 Beta-defensin 1 precursor	IPI00022290	7 kDa	11	13	7	6	7	12	12	7	9	0.4650	0.4418	1.4	0.8
DKFzP686O24166 hypothetical protein LOC374383	IPI00398918	70 kDa	2	4	1	2	4	1	3	2	3	0.5696	0.8259	1.7	0.9
DLK1 Isoform Long of Delta-like protein precursor	IPI00160384	41 kDa	22	12	22	23	21	24	17	23	22	0.8750	0.3865	1.0	1.3
DLK2 Isoform 1 of Delta-like protein 2 precursor	IPI00028381	41 kDa	4	3	3	3	4	5	3	3	5	0.0693	0.1079	1.6	1.5
DLST Full-length cDNA 5-PRIME end of clone CS0DJ009YL1	IPI00384016	30 kDa	2	2	2	4	1	0	2	3	1	0.1544	0.1062	0.2	0.3
DMBT1 Isoform 1 of Deleted in malignant brain tumors 1 p	IPI00099110	261 kDa	1	2	35	27	2	4	2	31	3	0.0217	0.2793	0.1	2.0
DNASE1 Deoxyribonuclease-1 precursor	IPI00031065	31 kDa	46	24	46	43	32	32	35	45	32	0.0069	0.8241	0.7	0.9
DNASE1L1 Deoxyribonuclease I-like 1 precursor	IPI00026125	34 kDa	0	2	1	0	1	0	1	1	1	0.9809	0.7315	1.0	0.6
DNASE2 Deoxyribonuclease-2-alpha precursor	IPI00010348	40 kDa	7	8	4	4	2	0	8	4	1	0.1071	0.0310	0.3	0.1
DNER Delta and Notch-like epidermal growth factor-relate	IPI00333140	78 kDa	10	7	8	6	11	10	8	7	10	0.1506	0.2976	1.4	1.2
DPEP1 Dipeptidase 1 precursor	IPI00059476	46 kDa	24	32	13	21	24	20	28	17	22	0.3339	0.3286	1.3	0.8
DPP4 Dipeptidyl peptidase 4	IPI00018953	88 kDa	137	156	138	155	105	116	146	146	110	0.0746	0.0845	0.8	0.8
DPP7 Dipeptidyl-peptidase 2 precursor	IPI00296141	54 kDa	52	56	16	17	13	9	54	16	11	0.1497	0.0055	0.7	0.2
DPT Dermatopontin precursor	IPI00292130	24 kDa	28	23	21	28	26	18	25	25	22	0.7140	0.5915	0.9	0.9
DSC1 desmocollin 1 isoform Dsc1b preproprotein	IPI00007425	94 kDa	1	2	3	2	2	0	2	3	1	0.3416	0.7114	0.4	0.7
DSC2 Isoform 2A of Desmocollin-2 precursor	IPI00025846	100 kDa	42	47	33	33	55	53	44	33	54	0.0034	0.0791	1.6	1.2
DSC3 Isoform 3A of Desmocollin-3 precursor	IPI00031549	100 kDa	1	0	2	2	0	0	1	2	0	0.0001	0.4226	0.0	0.0
DSG1 Desmoglein-1 precursor	IPI00025753	114 kDa	7	14	17	8	6	4	11	13	5	0.2197	0.2409	0.4	0.5
DSG2 Desmoglein-2 precursor	IPI00028931	122 kDa	2	4	2	1	2	2	3	2	2	0.3854	0.3292	1.4	0.7
DSG4 Isoform 2 of Desmoglein-4 precursor	IPI00428691	115 kDa	0	0	0	0	0	5	0	0	3	0.4226	0.4226	-	-
DSP Isoform DPI of Desmoplakin	IPI00013933	332 kDa	30	19	34	8	22	45	24	21	34	0.5448	0.5519	1.6	1.4
DSTN Destrin	IPI00473014	19 kDa	4	4	0	3	0	0	4	2	0	0.4226	0.0028	0.0	0.0
DYNC1H1 Cytoplasmic dynein 1 heavy chain 1	IPI00456969	532 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
DYNLL1 Dynein light chain 1, cytoplasmic	IPI00019329	10 kDa	0	0	2	1	0	0	0	2	0	0.1004	-	0.0	-
EEF1A1 Elongation factor 1-alpha 1	IPI00396485	50 kDa	12	15	8	8	7	3	13	8	5	0.1773	0.0630	0.6	0.4
EEF2 Elongation factor 2	IPI00186290	95 kDa	2	1	0	0	0	0	2	0	0	-	0.1357	-	0.0
EFEMP1 Isoform 1 of EGF-containing fibulin-like extracellul	IPI00029658	55 kDa	133	125	154	147	166	179	129	150	173	0.0923	0.0298	1.1	1.3
EFEMP2 EGF-containing fibulin-like extracellular matrix prc	IPI00296058	49 kDa	18	13	19	14	11	10	15	17	10	0.1136	0.1836	0.6	0.7
EFNA1 Isoform 1 of Ephrin-A1 precursor	IPI00025840	24 kDa	2	4	2	9	1	2	3	6	2	0.3773	0.2414	0.3	0.5
EFNB1 Ephrin-B1 precursor	IPI00024307	38 kDa	14	8	13	11	17	16	11	12	16	0.0253	0.2514	1.4	1.5
EGF Pro-epidermal growth factor precursor	IPI00000073	134 kDa	532	547	496	562	371	392	540	529	381	0.0517	0.0065	0.7	0.7
EHD4 EH domain-containing protein 4	IPI00005578	61 kDa	5	1	2	1	1	0	3	2	1	0.3149	0.3568	0.3	0.2
EIF5A Isoform 2 of Eukaryotic translation initiation factor 5	IPI00376005	20 kDa	2	2	0	2	1	0	2	1	1	0.7192	0.1062	0.5	0.3
EIF6 Eukaryotic translation initiation factor 6	IPI00010105	27 kDa	11	8	6	11	9	4	9	9	7	0.5628	0.3952	0.7	0.7
ELA2 Leukocyte elastase precursor	IPI00027769	29 kDa	0	0	37	39	2	5	0	38	4	0.0032	0.1394	0.1	-
ELFN1 extracellular leucine-rich repeat and fibronectin typ	IPI00248596	88 kDa	2	2	3	4	1	1	2	4	1	0.0334	0.0307	0.3	0.5
ENDOD1 Endonuclease domain-containing 1 protein precu	IPI00001952	55 kDa	30	16	50	30	28	30	23	40	29	0.3804	0.5003	0.7	1.3
ENG Isoform Long of Endoglin precursor	IPI00017567	71 kDa	5	10	7	4	4	2	7	6	3	0.3348	0.2831	0.6	0.4
ENO1 Isoform alpha-enolase of Alpha-enolase	IPI00465248	47 kDa	54	42	41	37	15	23	48	39	19	0.0384	0.0531	0.5	0.4
ENPEP Glutamyl aminopeptidase	IPI00014375	109 kDa	140	146	89	104	99	105	143	96	102	0.5354	0.0104	1.1	0.7
ENPP2 Isoform 1 of Ectonucleotide pyrophosphatase/phos	IPI00156171	99 kDa	5	8	4	7	0	1	6	6	1	0.0828	0.0740	0.1	0.1
EPDR1 Isoform 1 of Mammalian ependymin-related protei	IPI00259102	25 kDa	0	2	0	0	1	0	1	0	1	0.4226	0.7315	-	0.6
EPHA1 Ephrin type-A receptor 1 precursor	IPI00294250	108 kDa	4	6	3	3	3	4	5	3	4	0.3183	0.5218	1.2	0.8
EPHA7 Isoform 1 of Ephrin type-A receptor 7 precursor	IPI00016645	112 kDa	2	4	3	7	6	2	3	5	4	0.6513	0.7686	0.7	1.2



EPHB2 Isoform 1 of Ephrin type-B receptor 2 precursor	IPI00021275	117 kDa	11	14	4	6	9	6	12	5	8	0.2597	0.1388	1.5	0.6
EPHB3 Ephrin type-B receptor 3 precursor	IPI00289329	110 kDa	7	2	10	8	1	1	5	9	1	0.0063	0.3091	0.1	0.2
EPHB4 Ephrin receptor	IPI00186826	103 kDa	20	23	47	37	12	16	22	42	14	0.0317	0.0865	0.3	0.7
EPHB6 Ephrin type-B receptor 6 precursor	IPI00005222	109 kDa	7	11	14	22	4	5	9	18	5	0.0851	0.1651	0.3	0.5
EPS8 Epidermal growth factor receptor kinase substrate 8	IPI00290337	92 kDa	6	6	12	14	25	31	6	13	28	0.0429	0.0167	2.2	4.7
EPS8L1 Isoform 1 of Epidermal growth factor receptor kina	IPI00301250	80 kDa	0	0	1	0	2	1	0	1	2	0.2884	0.1009	3.1	-
EPS8L2 Isoform 1 of Epidermal growth factor receptor kina	IPI00414315	81 kDa	7	11	8	3	23	14	9	6	19	0.1382	0.1973	3.2	2.0
ERAP1 Isoform 2 of Endoplasmic reticulum aminopeptidase	IPI00165949	108 kDa	4	4	2	4	0	2	4	3	1	0.2980	0.1300	0.3	0.3
ESAM Endothelial cell-selective adhesion molecule precurs	IPI00303161	41 kDa	8	5	17	14	22	23	7	16	22	0.0347	0.0119	1.4	3.3
EVPL Envoplakin	IPI00023711	232 kDa	0	0	0	0	10	18	0	0	14	0.0778	0.0778	-	-
EZR Ezrin	IPI00746388	69 kDa	59	60	78	60	79	68	59	69	73	0.7345	0.1375	1.1	1.2
F11 Isoform 1 of Coagulation factor XI precursor	IPI00008556	70 kDa	2	2	6	6	0	0	2	6	0	0.0001	0.0081	0.0	0.0
F11R Junctional adhesion molecule A precursor	IPI00001754	33 kDa	13	12	4	10	13	8	13	7	10	0.5395	0.5222	1.4	0.8
F13B Coagulation factor XIII B chain precursor	IPI00007240	76 kDa	2	1	2	0	0	0	2	1	0	0.4226	0.1357	0.0	0.0
F2 Prothrombin precursor (Fragment)	IPI00019568	70 kDa	83	130	106	62	99	127	106	84	113	0.3812	0.8348	1.3	1.1
FABP1 FABP1 protein (Fragment)	IPI00010290	15 kDa	5	7	2	6	13	8	6	4	10	0.2192	0.2812	2.5	1.8
FABP2 Fatty acid-binding protein, intestinal	IPI00218477	15 kDa	0	1	1	1	2	1	1	1	2	0.4051	0.2703	1.6	3.3
FABP3 Fatty acid-binding protein, heart	IPI00219684	15 kDa	17	15	12	14	20	11	16	13	15	0.6891	0.9052	1.2	1.0
FABP5;FABP5L7 Fatty acid-binding protein, epidermal	IPI00007797	15 kDa	13	14	11	10	1	1	14	10	1	0.0002	0.0011	0.1	0.1
FABP7 Putative uncharacterized protein DKFZp547J2313	IPI00027429	19 kDa	0	0	0	0	3	2	0	0	3	0.0421	0.0421	-	-
FAH Fumarylacetoacetase	IPI00031708	46 kDa	8	4	3	8	4	1	6	6	3	0.4296	0.3361	0.5	0.4
FAM151A Isoform 1 of Protein FAM151A	IPI00300865	64 kDa	6	5	3	3	0	1	5	3	1	0.0401	0.0211	0.2	0.1
FAM171A1 UPF0560 protein C10orf38 precursor	IPI00000265	98 kDa	2	2	4	3	0	0	2	4	0	0.0229	0.0081	0.0	0.0
FAM3C Protein FAM3C precursor	IPI00334282	25 kDa	23	22	16	14	21	12	22	15	16	0.8234	0.3172	1.1	0.7
FASN Fatty acid synthase	IPI00026781	273 kDa	2	6	1	0	0	0	4	1	0	0.4226	0.1450	0.0	0.0
FAT2 Protocadherin Fat 2 precursor	IPI00302641	479 kDa	4	7	0	0	0	0	5	0	0	-	0.0895	-	0.0
FAT4 Isoform 1 of Protocadherin Fat 4 precursor	IPI00852735	543 kDa	134	170	77	85	6	12	152	81	9	0.0046	0.0156	0.1	0.1
FBLN1 Isoform C of Fibulin-1 precursor	IPI00296537	74 kDa	35	43	40	45	17	23	39	42	20	0.0252	0.0630	0.5	0.5
FBLN2 fibulin 2 precursor, isoform a	IPI00465038	132 kDa	49	29	67	69	75	77	39	68	76	0.0475	0.0678	1.1	1.9
FBLN5 Fibulin-5 precursor	IPI00294615	50 kDa	28	22	23	18	35	26	25	20	30	0.2104	0.4079	1.5	1.2
FBLN7 Isoform 1 of Fibulin-7 precursor	IPI00167710	47 kDa	7	3	6	5	7	6	5	6	7	0.3310	0.5673	1.1	1.3
FBN1 Fibrillin-1 precursor	IPI00328113	312 kDa	92	112	93	85	97	103	102	89	100	0.1704	0.8496	1.1	1.0
FBP1 Fructose-1,6-bisphosphatase 1	IPI00073772	37 kDa	24	11	26	19	8	9	17	23	8	0.0674	0.2874	0.4	0.5
FCER2 Isoform A of Low affinity immunoglobulin epsilon Fc	IPI00027491	36 kDa	14	3	13	11	37	27	9	12	32	0.0638	0.0946	2.7	3.7
FCGBP IgGfC-binding protein precursor	IPI00242956	572 kDa	25	25	268	312	19	14	25	290	16	0.0064	0.0664	0.1	0.7
FCGR3A Low affinity immunoglobulin gamma Fc region rec	IPI00218834	29 kDa	67	69	55	48	63	61	68	51	62	0.1079	0.0365	1.2	0.9
FCGR3B Fc-gamma receptor IIIb	IPI00023858	30 kDa	34	38	31	29	26	31	36	30	29	0.7093	0.1625	1.0	0.8
FCN2 Isoform 1 of Ficolin-2 precursor	IPI00017530	34 kDa	6	3	6	5	4	2	4	6	3	0.1892	0.5809	0.6	0.7
FDX1 Adrenodoxin, mitochondrial precursor	IPI00019326	19 kDa	1	3	2	1	3	2	2	2	3	0.2841	0.6184	1.7	1.3
FER1L3 Isoform 1 of Myoferlin	IPI00021048	235 kDa	2	4	0	1	0	1	3	1	1	0.9819	0.1100	1.0	0.2
FGA Isoform 1 of Fibrinogen alpha chain precursor	IPI00021885	95 kDa	53	59	46	41	40	46	56	43	43	0.8931	0.1029	1.0	0.8
FGB Fibrinogen beta chain precursor	IPI00298497	56 kDa	8	5	2	3	0	0	7	3	0	0.0340	0.0586	0.0	0.0
FGFR1 Isoform 1 of Basic fibroblast growth factor receptor	IPI00005142	92 kDa	1	0	1	0	2	0	1	1	1	0.6862	0.7280	2.1	1.8
FGFR2 Isoform 1 of Fibroblast growth factor receptor 2 pre	IPI00010680	92 kDa	1	4	1	2	1	3	3	2	2	0.6625	0.8259	1.4	0.8
FGG Isoform Gamma-B of Fibrinogen gamma chain precurs	IPI00021891	52 kDa	19	16	2	8	0	2	18	5	1	0.3335	0.0132	0.2	0.1
FLG Filaggrin	IPI00026256	435 kDa	2	1	62	60	0	0	2	61	0	0.0004	0.1357	0.0	0.0
FLG2 Filaggrin-2	IPI00397801	248 kDa	4	5	7	3	1	2	4	5	2	0.2426	0.0925	0.3	0.4

FLJ11151 Isoform 1 of Uncharacterized metallophosphoest	IPI00305010	36 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
FLJ22222 Isoform 1 of PKHD domain-containing transmembr	IPI0002884	36 kDa	0	0	5	2	0	0	0	4	0	0.1497	-	0.0	-
FLNA filamin A, alpha isoform 1	IPI00302592	280 kDa	20	10	4	7	7	3	15	6	5	0.7489	0.2004	0.9	0.3
FLNB Isoform 1 of Filamin-B	IPI00289334	278 kDa	5	14	1	5	8	6	9	3	7	0.2077	0.6662	2.3	0.8
FLNC Isoform 1 of Filamin-C	IPI00178352	291 kDa	10	13	4	9	17	13	11	7	15	0.1265	0.3052	2.2	1.3
FLOT1 Flotillin-1	IPI00027438	47 kDa	2	8	0	3	0	0	5	2	0	0.4226	0.2046	0.0	0.0
FLOT2 flotillin 2	IPI00789008	47 kDa	0	1	0	2	0	0	1	1	0	0.4226	0.4226	0.0	0.0
FN1 fibronectin 1 isoform 4 preproprotein	IPI00414283	257 kDa	199	238	253	291	240	244	219	272	242	0.2527	0.3568	0.9	1.1
FOLH1 Isoform PSMA-1 of Glutamate carboxypeptidase 2	IPI00028514	84 kDa	6	7	0	2	0	0	6	1	0	0.4226	0.0059	0.0	0.0
FOLR1 Folate receptor alpha precursor	IPI00441498	30 kDa	65	44	31	40	36	30	54	36	33	0.7216	0.1896	0.9	0.6
FREM1 Isoform 1 of FRAS1-related extracellular matrix pro	IPI00477820	244 kDa	4	3	0	0	0	0	3	0	0	-	0.0081	-	0.0
FREM2 Isoform 1 of FRAS1-related extracellular matrix pro	IPI00180707	351 kDa	135	159	130	134	21	29	147	132	25	0.0017	0.0102	0.2	0.2
FRK Tyrosine-protein kinase FRK	IPI00000885	58 kDa	0	0	1	0	0	5	0	1	3	0.5135	0.4226	5.1	-
FSTL1 Follistatin-related protein 1 precursor	IPI00029723	35 kDa	16	12	13	8	9	3	14	10	6	0.3351	0.1436	0.6	0.4
FTH1 Ferritin heavy chain	IPI00554521	21 kDa	13	17	22	17	17	28	15	19	22	0.7026	0.3584	1.1	1.5
FTL Ferritin light chain	IPI00738499	20 kDa	25	21	28	26	32	57	23	27	44	0.2931	0.2345	1.7	1.9
FUCA1 Tissue alpha-L-fucosidase precursor	IPI00843910	54 kDa	4	4	2	1	2	0	4	2	1	0.7351	0.1373	0.7	0.3
FURIN Furin precursor	IPI00018387	87 kDa	2	1	3	0	0	0	2	2	0	0.4226	0.1357	0.0	0.0
FZD2 Frizzled-2 precursor	IPI00016027	64 kDa	2	3	2	3	3	5	3	3	4	0.2715	0.2680	1.7	1.6
FZD4 Frizzled-4 precursor	IPI00297420	60 kDa	1	4	2	6	2	2	3	4	2	0.4333	0.7899	0.5	0.8
GAA acid alpha-glucosidase preproprotein	IPI00883772	105 kDa	330	370	262	321	187	180	350	291	184	0.0692	0.0148	0.6	0.5
GAA Lysosomal alpha-glucosidase precursor	IPI00293088	105 kDa	372	402	290	336	184	175	387	313	179	0.0296	0.0057	0.6	0.5
GALM Aldose 1-epimerase	IPI00060200	38 kDa	4	3	2	5	0	0	3	4	0	0.1399	0.0081	0.0	0.0
GALNS N-acetylgalactosamine-6-sulfatase precursor	IPI00029605	58 kDa	14	8	8	12	3	2	11	10	3	0.0643	0.1208	0.3	0.2
GALNTL4 Isoform 1 of Putative polypeptide N-acetylgalact	IPI00168626	70 kDa	8	4	2	1	0	0	6	2	0	0.1004	0.1060	0.0	0.0
GANAB Isoform 1 of Neutral alpha-glucosidase AB precurs	IPI00383581	107 kDa	2	6	2	3	0	0	4	3	0	0.0340	0.1450	0.0	0.0
GAPDH Glyceraldehyde-3-phosphate dehydrogenase	IPI00219018	36 kDa	48	31	37	33	23	18	39	35	21	0.0439	0.1667	0.6	0.5
GAS6 Isoform 2 of Growth arrest-specific protein 6 precurs	IPI00032532	75 kDa	6	9	3	2	0	0	7	3	0	0.0417	0.0379	0.0	0.0
GATM Isoform Mitochondrial of Glycine amidinotransferas	IPI00032103	48 kDa	6	6	0	0	0	0	6	0	0	-	0.0000	-	0.0
GBA Isoform Long of Glucosylceramidase precursor	IPI00021807	60 kDa	1	2	4	2	0	0	2	3	0	0.1004	0.0574	0.0	0.0
GC vitamin D-binding protein precursor	IPI00742696	53 kDa	62	42	48	53	58	70	52	50	64	0.1588	0.4162	1.3	1.2
GCHFR GTP cyclohydrolase 1 feedback regulatory protein	IPI00217253	10 kDa	32	22	19	19	12	14	27	19	13	0.0256	0.1151	0.7	0.5
GDF15 Growth/differentiation factor 15 precursor	IPI00306543	34 kDa	16	15	11	7	9	11	15	9	10	0.7027	0.0318	1.1	0.6
GDI2 Rab GDP dissociation inhibitor beta	IPI00031461	51 kDa	7	12	4	11	4	3	10	8	4	0.3847	0.1443	0.5	0.4
GGH Gamma-glutamyl hydrolase precursor	IPI00023728	36 kDa	52	36	50	40	28	27	44	45	27	0.0628	0.1666	0.6	0.6
GGT1 Isoform 1 of Gamma-glutamyltranspeptidase 1 precu	IPI00018901	61 kDa	17	19	25	19	9	8	18	22	8	0.0567	0.0169	0.4	0.5
GGT6 Isoform 1 of Gamma-glutamyltransferase 6 precurs	IPI00440764	51 kDa	4	3	3	3	0	0	3	3	0	0.0001	0.0081	0.0	0.0
GLA Alpha-galactosidase A precursor	IPI00025869	49 kDa	36	21	15	13	7	12	28	14	9	0.2080	0.1355	0.7	0.3
GLB1 galactosidase, beta 1 isoform b	IPI00797646	73 kDa	78	86	44	57	19	34	82	51	27	0.1368	0.0243	0.5	0.3
GLG1 golgi apparatus protein 1	IPI00414717	137 kDa	24	38	23	29	23	25	31	26	24	0.5267	0.4206	0.9	0.8
GLO1 Lactoylglutathione lyase	IPI00220766	21 kDa	7	4	2	5	0	1	6	4	1	0.1950	0.0953	0.1	0.1
GLOD4 Uncharacterized protein C17orf25	IPI00007102	55 kDa	7	2	1	3	0	0	5	2	0	0.1789	0.2187	0.0	0.0
GLRX Glutaredoxin-1	IPI00219025	12 kDa	6	4	2	3	3	4	5	3	4	0.2326	0.3941	1.5	0.8
GLTP Glycolipid transfer protein	IPI00184363	24 kDa	2	2	1	2	2	0	2	2	1	0.7382	0.4294	0.7	0.5
GM2A Ganglioside GM2 activator precursor	IPI00018236	21 kDa	82	72	39	59	67	56	77	49	61	0.3915	0.1743	1.3	0.8
GMFB GMFB protein	IPI00412987	18 kDa	0	2	2	0	0	0	1	1	0	0.4226	0.4226	0.0	0.0
GMPR2 GMP reductase 2	IPI00009844	38 kDa	2	1	0	0	0	0	2	0	0	-	0.1357	-	0.0

GNA11 Guanine nucleotide-binding protein subunit alpha-	IPI00305551	42 kDa	4	2	2	3	11	9	3	3	10	0.0314	0.0402	3.8	3.5
GNA13 Guanine nucleotide-binding protein alpha-13 subu	IPI00290928	44 kDa	6	4	5	6	10	6	5	6	8	0.3093	0.2530	1.4	1.6
GNAI1 Guanine nucleotide-binding protein G(i), alpha-1 su	IPI00337415	40 kDa	8	6	8	7	15	8	7	8	11	0.4624	0.4097	1.5	1.6
GNAI2 Isoform 1 of Guanine nucleotide-binding protein G(i)	IPI00748145	40 kDa	8	6	6	8	14	10	7	7	12	0.2046	0.2083	1.6	1.7
GNAI3 Guanine nucleotide-binding protein G	IPI00220578	41 kDa	7	6	8	10	14	10	7	9	12	0.4127	0.1537	1.3	1.8
GNAQ Guanine nucleotide binding protein	IPI00288947	42 kDa	2	2	0	0	7	2	2	0	4	0.1885	0.4333	-	2.0
GNAS Isoform XLas-1 of Guanine nucleotide-binding protei	IPI00095891	111 kDa	8	8	6	8	10	13	8	7	11	0.1486	0.1673	1.6	1.4
GNB1 Guanine nucleotide-binding protein G(I)/G(S)/G(T) s1	IPI00026268	37 kDa	12	13	13	16	15	14	12	14	15	0.7573	0.1318	1.0	1.2
GNB2 Guanine nucleotide-binding protein G(I)/G(S)/G(T) s1	IPI00003348	37 kDa	14	13	13	13	15	17	14	13	16	0.0795	0.1474	1.2	1.2
GNG12 Guanine nucleotide-binding protein G(I)/G(S)/G(O)	IPI00221232	8 kDa	4	7	5	3	4	3	5	4	4	0.7837	0.4957	0.9	0.7
GNS N-acetylglucosamine-6-sulfatase precursor	IPI00012102	62 kDa	100	111	67	62	101	90	105	64	96	0.0347	0.3532	1.5	0.9
GOLM1 Golgi membrane protein 1	IPI00171411	46 kDa	55	63	78	54	53	33	59	66	43	0.2793	0.2672	0.7	0.7
GOT1 Aspartate aminotransferase, cytoplasmic	IPI00219029	46 kDa	11	10	5	5	1	1	10	5	1	0.0002	0.0018	0.2	0.1
GP1BA platelet glycoprotein Ib alpha polypeptide precurs	IPI00748955	70 kDa	8	11	7	7	15	15	10	7	15	0.0007	0.0525	2.1	1.6
GP2 zymogen granule membrane glycoprotein 2 isoform 2	IPI00470823	59 kDa	2	2	4	2	4	0	2	3	2	0.7351	0.9995	0.7	1.0
GP5 Platelet glycoprotein V precursor	IPI00027410	61 kDa	2	3	1	2	0	0	3	2	0	0.0905	0.0122	0.0	0.0
GP6 Isoform 3 of Platelet glycoprotein VI precursor	IPI00102300	67 kDa	23	22	16	21	22	18	22	18	20	0.6097	0.3595	1.1	0.9
GPC1 Glypican-1 precursor	IPI00015688	62 kDa	24	20	8	10	10	3	22	9	7	0.4978	0.0581	0.7	0.3
GPC3 Glypican-3 precursor	IPI00019907	66 kDa	26	41	13	14	11	14	34	14	12	0.5823	0.1046	0.9	0.4
GPC4 Glypican-4 precursor	IPI00232571	62 kDa	13	6	12	12	2	0	10	12	1	0.0112	0.1523	0.1	0.1
GPD1 Glycerol-3-phosphate dehydrogenase [NAD+], cytop	IPI00295777	38 kDa	6	7	7	7	4	1	6	7	3	0.1102	0.1630	0.4	0.4
GPI Glucose-6-phosphate isomerase	IPI00027497	63 kDa	8	3	3	3	0	3	6	3	2	0.4421	0.3229	0.5	0.3
GPR116 Isoform 1 of Probable G-protein coupled receptor	IPI00437186	149 kDa	12	16	8	10	10	11	14	9	10	0.4711	0.2145	1.1	0.7
GPR180 Integral membrane protein GPR180 precursor	IPI00646291	49 kDa	7	6	7	8	0	2	7	8	1	0.0280	0.0461	0.1	0.2
GPR56 G protein-coupled receptor 56 isoform b	IPI00397949	77 kDa	4	2	1	3	0	0	3	2	0	0.1789	0.0727	0.0	0.0
GPR98 Isoform 1 of G-protein coupled receptor 98 precurs	IPI00165934	693 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
GPRC5B G-protein coupled receptor family C group 5 mem	IPI00008239	45 kDa	37	28	16	21	29	42	33	18	35	0.1383	0.7733	1.9	1.1
GPRC5C CDNA FLJ20242 fis, clone COLF6369	IPI00004901	18 kDa	55	77	56	63	91	114	66	60	103	0.0677	0.1453	1.7	1.6
GPX3 Glutathione peroxidase 3 precursor	IPI00026199	26 kDa	32	26	25	22	7	3	29	24	5	0.0174	0.0214	0.2	0.2
GRHPR Glyoxylate reductase/hydroxypyruvate reductase	IPI00037448	36 kDa	1	0	2	2	0	0	1	2	0	0.0001	0.4226	0.0	0.0
GRN Isoform 1 of Granulins precursor	IPI00296713	64 kDa	47	84	59	41	45	65	65	50	55	0.7504	0.6816	1.1	0.8
GSN Isoform 2 of Gelsolin precursor	IPI00646773	81 kDa	78	84	138	115	152	148	81	126	150	0.1760	0.0026	1.2	1.9
GSR Isoform Mitochondrial of Glutathione reductase, mito	IPI00016862	56 kDa	2	2	0	1	0	0	2	1	0	0.4226	0.0081	0.0	0.0
GSS Glutathione synthetase	IPI00010706	52 kDa	2	2	2	2	0	1	2	2	1	0.1012	0.1010	0.3	0.2
GSTA1 Glutathione S-transferase A1	IPI00657682	26 kDa	12	13	3	11	2	2	12	7	2	0.3394	0.0024	0.3	0.2
GSTM3 Glutathione S-transferase Mu 3	IPI00246975	27 kDa	10	2	5	10	4	1	6	8	3	0.2349	0.5374	0.3	0.5
GSTO1 Glutathione transferase omega-1	IPI00019755	28 kDa	2	2	2	1	0	1	2	2	1	0.3058	0.1010	0.3	0.2
GSTP1 Glutathione S-transferase P	IPI00219757	23 kDa	16	15	6	19	3	4	15	12	4	0.2935	0.0025	0.3	0.2
GUCA2A Guanylin precursor	IPI00026926	12 kDa	14	12	21	14	19	20	13	18	20	0.6684	0.0491	1.1	1.5
GUCA2B Guanylate cyclase activator 2B precursor	IPI00003437	12 kDa	1	0	1	0	4	4	1	1	4	0.0189	0.0248	8.2	7.3
GUSB Isoform Long of Beta-glucuronidase precursor	IPI00027745	75 kDa	34	33	19	25	10	10	33	22	10	0.0522	0.0002	0.4	0.3
HAVCR2 Isoform 2 of Hepatitis A virus cellular receptor 2 p	IPI00383032	16 kDa	42	33	43	33	57	57	37	38	57	0.0676	0.0487	1.5	1.5
HBA2;HBA1 Hemoglobin subunit alpha	IPI00410714	15 kDa	22	18	24	20	2	1	20	22	2	0.0137	0.0105	0.1	0.1
HBB Hemoglobin subunit beta	IPI00654755	16 kDa	35	33	43	39	0	0	34	41	0	0.0024	0.0007	0.0	0.0
HEBP1 Heme-binding protein 1	IPI00148063	21 kDa	8	1	0	3	1	0	5	2	1	0.6047	0.3828	0.4	0.1
HEG1 Isoform 1 of Protein HEG homolog 1 precursor	IPI00297263	147 kDa	13	15	4	5	17	11	14	5	14	0.0928	0.8896	2.9	1.0
HEXA Beta-hexosaminidase subunit alpha precursor	IPI00027851	61 kDa	17	13	7	8	10	14	15	8	12	0.1877	0.3970	1.5	0.8

HEXB Beta-hexosaminidase subunit beta precursor	IPI00012585	63 kDa	20	22	10	7	12	6	21	8	9	0.7996	0.0559	1.1	0.4
HGFAC Hepatocyte growth factor activator precursor	IPI00029193	71 kDa	12	15	19	20	8	5	13	19	7	0.0087	0.0674	0.3	0.5
HIBCH Isoform 1 of 3-hydroxyisobutyryl-CoA hydrolase, mi	IPI00419802	43 kDa	1	2	0	0	0	0	2	0	0	-	0.0574	-	0.0
HIST1H1B Histone H1.5	IPI00217468	23 kDa	0	0	6	17	2	2	0	11	2	0.2106	0.0002	0.2	-
HIST1H1C Histone H1.2	IPI00217465	21 kDa	7	7	10	18	9	4	7	14	7	0.2683	0.8305	0.5	0.9
HIST1H2AE;HIST1H2AB Histone H2A type 1-B	IPI00026272	14 kDa	6	7	11	7	4	2	6	9	3	0.1074	0.1206	0.4	0.5
HIST1H2BL Histone H2B type 1-L	IPI00018534	14 kDa	4	9	2	7	2	3	6	5	3	0.5295	0.3218	0.6	0.4
HIST2H3A;HIST2H3C;HIST2H3D Histone H3.2	IPI00171611	15 kDa	8	6	10	8	3	4	7	9	4	0.0235	0.1197	0.4	0.5
HIST2H4A;HIST1H4C;HIST1H4A;HIST1H4I;HIST1H4E;HIST1H	IPI00453473	11 kDa	24	23	19	22	12	12	23	20	12	0.0245	0.0020	0.6	0.5
HK3 Hexokinase-3	IPI00005118	99 kDa	0	0	2	2	0	0	0	2	0	0.0001	-	0.0	-
HMCN1 Hemicentin 1	IPI00045512	614 kDa	31	21	24	18	31	27	26	21	29	0.1832	0.6661	1.4	1.1
HMCN2 similar to hemicentin 2	IPI00889133	406 kDa	1	5	4	6	4	5	3	5	5	0.7867	0.4588	0.9	1.6
HNT Neurotrimin variant 3	IPI00442294	39 kDa	12	10	12	13	12	13	11	13	12	0.9561	0.2960	1.0	1.1
HP Haptoglobin precursor	IPI00641737	47 kDa	62	53	78	74	127	146	58	76	136	0.0265	0.0183	1.8	2.4
HPD 4-hydroxyphenylpyruvate dioxygenase	IPI00218297	45 kDa	6	4	5	2	0	0	5	4	0	0.1497	0.0376	0.0	0.0
HPN Serine protease hepsin	IPI00395826	45 kDa	2	5	2	1	0	0	4	2	0	0.1004	0.1046	0.0	0.0
HPRT1 Hypoxanthine-guanine phosphoribosyltransferase	IPI00218493	25 kDa	4	1	1	1	0	0	2	1	0	0.0001	0.2187	0.0	0.0
HPX Hemopexin precursor	IPI00022488	52 kDa	157	147	122	107	136	109	152	114	123	0.6280	0.1806	1.1	0.8
HRG Histidine-rich glycoprotein precursor	IPI00022371	60 kDa	7	10	3	7	11	4	9	5	8	0.5980	0.8186	1.5	0.9
HRNR Hornerin	IPI00398625	282 kDa	17	32	20	13	13	24	24	17	18	0.8177	0.5829	1.1	0.8
HRSP12 Ribonuclease UK114	IPI00005038	14 kDa	6	6	4	6	4	4	6	5	4	0.4692	0.0011	0.8	0.7
HSP90AA1 heat shock protein 90kDa alpha (cytosolic), clas	IPI00382470	98 kDa	11	12	3	3	1	0	11	3	1	0.0424	0.0056	0.2	0.0
HSP90B1 Endoplasmic precursor	IPI00027230	92 kDa	4	8	1	1	0	0	6	1	0	0.0001	0.1190	0.0	0.0
HSPA1B;HSPA1A Heat shock 70 kDa protein 1	IPI00304925	70 kDa	13	14	13	12	4	8	14	13	6	0.0517	0.0416	0.5	0.4
HSPA5 HSPA5 protein	IPI00003362	72 kDa	23	21	10	9	3	0	22	9	2	0.0424	0.0085	0.2	0.1
HSPA8 Isoform 1 of Heat shock cognate 71 kDa protein	IPI00003865	71 kDa	35	43	24	21	12	13	39	23	12	0.0329	0.0237	0.6	0.3
HSPB1 Heat shock protein beta-1	IPI00025512	23 kDa	4	4	4	3	1	1	4	4	1	0.0447	0.0055	0.3	0.3
HSPE1 10 kDa heat shock protein, mitochondrial	IPI00220362	11 kDa	5	2	3	2	2	1	3	3	2	0.3379	0.3631	0.6	0.5
HSPG2 Basement membrane-specific heparan sulfate prot	IPI00024284	469 kDa	382	362	435	506	388	390	372	471	389	0.1481	0.2431	0.8	1.0
HYAL1 Isoform 2 of Hyaluronidase-1 precursor	IPI00168847	45 kDa	6	4	10	7	1	0	5	8	1	0.0252	0.0598	0.1	0.1
ICAM1 Intercellular adhesion molecule 1 precursor	IPI00008494	58 kDa	36	32	18	20	31	15	34	19	23	0.6581	0.3068	1.2	0.7
ICAM2 Intercellular adhesion molecule 2 precursor	IPI00009477	31 kDa	14	9	12	9	11	10	12	10	10	0.9209	0.6723	1.0	0.9
ICOSLG Isoform 1 of ICOS ligand precursor	IPI00219131	33 kDa	26	36	26	34	41	40	31	30	40	0.1253	0.2030	1.3	1.3
IDH1 Isocitrate dehydrogenase [NADP] cytoplasmic	IPI00027223	47 kDa	10	16	7	11	2	4	13	9	3	0.1114	0.1053	0.3	0.3
IDS Isoform Short of Iduronate 2-sulfatase precursor	IPI00006121	38 kDa	0	1	0	0	2	0	1	0	1	0.4226	0.6686	-	2.2
IFNAR2 Isoform 1 of Interferon-alpha/beta receptor beta c	IPI00010193	58 kDa	1	3	3	1	3	0	2	2	2	0.8384	0.8335	0.8	0.8
IGF2R Cation-independent mannose-6-phosphate receptor	IPI00289819	274 kDa	96	93	113	87	41	60	94	100	50	0.0933	0.0462	0.5	0.5
IGFALS Insulin-like growth factor-binding protein complex	IPI00020996	66 kDa	1	1	14	6	0	0	1	10	0	0.1182	0.0081	0.0	0.0
IGFBP2 Insulin-like growth factor-binding protein 2 precurs	IPI00297284	35 kDa	34	24	24	26	11	10	29	25	10	0.0047	0.0622	0.4	0.4
IGFBP3 Insulin-like growth factor-binding protein 3 precurs	IPI00018305	32 kDa	4	4	2	3	2	2	4	3	2	0.4692	0.0153	0.8	0.6
IGFBP6 Insulin-like growth factor-binding protein 6 precurs	IPI00029235	25 kDa	4	2	3	2	1	3	3	3	2	0.7357	0.6781	0.8	0.8
IGFBP7 Insulin-like growth factor-binding protein 7 precurs	IPI00016915	29 kDa	137	116	104	77	111	125	126	90	118	0.2096	0.5610	1.3	0.9
IGHG1 IGHG1 protein	IPI00448925	60 kDa	343	324	435	426	334	288	333	430	311	0.0379	0.4690	0.7	0.9
IGHG1 IGHG1 protein	IPI00815926	52 kDa	370	361	460	462	359	311	366	461	335	0.0338	0.3312	0.7	0.9
IGHG1 Putative uncharacterized protein DKFz686O01196	IPI00423463	53 kDa	319	305	389	387	309	271	312	388	290	0.0368	0.3944	0.7	0.9
IGHG2 Putative uncharacterized protein	IPI00784807	51 kDa	330	351	429	429	407	390	340	429	398	0.0735	0.0518	0.9	1.2
IGHG3 IGHG3 protein	IPI00472345	57 kDa	247	265	333	321	288	275	256	327	282	0.0365	0.1510	0.9	1.1

IGHG4 IGHG4 protein	IPI00550640	52 kDa	167	171	204	212	200	192	169	208	196	0.1650	0.0270	0.9	1.2
IGHM IGHM protein	IPI00472610	53 kDa	421	427	523	535	458	434	424	529	446	0.0250	0.2211	0.8	1.1
IGHM IGHM protein	IPI00477090	67 kDa	78	87	133	167	138	121	82	150	129	0.3807	0.0370	0.9	1.6
IGHV3OR16-13;IGHA1 IGH A1 protein	IPI00430842	53 kDa	212	216	330	340	183	213	214	335	198	0.0127	0.3876	0.6	0.9
IGHV3OR16-13;IGHA1 IGH A1 protein	IPI00166866	53 kDa	207	211	327	316	169	198	209	321	183	0.0119	0.2107	0.6	0.9
IGHV3OR16-13;IGHA1 IGH A1 protein	IPI00744561	53 kDa	182	170	299	280	0	173	176	289	86	0.1450	0.4092	0.3	0.5
IGHV4-31 IGHV4-31 protein	IPI00784822	51 kDa	307	283	377	358	286	252	295	368	269	0.0365	0.3391	0.7	0.9
IGJ immunoglobulin J chain	IPI00178926	18 kDa	22	18	17	25	11	14	20	21	12	0.1842	0.0877	0.6	0.6
IGK@ IGK@ protein	IPI00784865	26 kDa	631	573	618	676	943	885	602	647	914	0.0229	0.0169	1.4	1.5
IGKC IGKC protein	IPI00472961	26 kDa	621	566	606	662	915	872	594	634	894	0.0181	0.0135	1.4	1.5
IGKC IGKC protein	IPI00845354	25 kDa	565	515	558	591	827	802	540	575	815	0.0075	0.0102	1.4	1.5
IGKC IGKC protein	IPI00746963	26 kDa	615	559	603	659	910	0	587	631	455	0.7366	0.7993	0.7	0.8
IGKV1-5 IGKV1-5 protein	IPI00419424	26 kDa	632	579	624	674	945	906	605	649	926	0.0130	0.0104	1.4	1.5
IGKV1-5 IGKV1-5 protein	IPI00478600	26 kDa	0	556	603	659	910	861	278	631	885	0.0211	0.1615	1.4	3.2
IGKV2-24 IGKV2-24 protein	IPI00440577	26 kDa	619	568	606	664	931	866	593	635	899	0.0259	0.0176	1.4	1.5
IGKV3-20 IGK@ protein	IPI00889156	26 kDa	645	586	646	701	967	909	616	673	938	0.0220	0.0160	1.4	1.5
IGL@ IGL@ protein	IPI00829626	25 kDa	222	188	206	211	336	323	205	209	329	0.0030	0.0203	1.6	1.6
IGL@ IGL@ protein	IPI00745660	25 kDa	170	150	162	170	212	206	160	166	209	0.0130	0.0436	1.3	1.3
IGL@ IGL@ protein	IPI00829877	25 kDa	181	163	166	169	279	245	172	168	262	0.0322	0.0441	1.6	1.5
IGLV1-40 V1-13 protein (Fragment)	IPI00789259	10 kDa	1	1	2	1	3	4	1	2	4	0.0942	0.0335	2.4	3.5
IGLV1-44 Anti-streptococcal/anti-myosin immunoglobulin	IPI00827522	12 kDa	5	12	0	10	15	13	8	5	14	0.2344	0.2712	2.7	1.7
IGLV2-18 V1-5 protein	IPI00553215	13 kDa	4	2	2	5	8	8	3	4	8	0.1227	0.0268	2.1	2.7
IGLV3-27 V2-19 protein	IPI00552852	12 kDa	0	3	3	1	6	8	2	2	7	0.0957	0.1092	3.1	4.3
IGLV7-46 V3-3 protein	IPI00553092	12 kDa	0	1	0	1	8	5	1	1	7	0.0422	0.0415	12.6	13.1
IGSF8 Isoform 1 of Immunoglobulin superfamily member 8	IPI00056478	65 kDa	32	23	29	22	24	33	28	25	29	0.5936	0.8862	1.1	1.0
IL10RB Protein	IPI00788962	34 kDa	7	9	10	9	6	3	8	9	4	0.0476	0.1240	0.5	0.5
IL18BP interleukin 18 binding protein precursor	IPI00220525	21 kDa	30	25	16	16	23	14	27	16	19	0.6003	0.2276	1.2	0.7
IL1R2 Interleukin-1 receptor type II precursor	IPI00021382	45 kDa	2	2	1	5	1	4	2	3	3	0.8866	0.7862	0.9	1.2
IL1RN Isoform 1 of Interleukin-1 receptor antagonist protein	IPI00000045	20 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
IL2RB Interleukin-2 receptor subunit beta precursor	IPI00027510	61 kDa	4	0	2	2	3	0	2	2	2	0.8132	0.9572	0.8	0.9
IL6ST Isoform 1 of Interleukin-6 receptor subunit beta precursor	IPI00297124	104 kDa	24	21	19	23	30	27	22	21	28	0.0886	0.1077	1.4	1.3
INADL Isoform 2 of InaD-like protein	IPI00170791	174 kDa	0	1	0	0	2	4	1	0	3	0.0901	0.1414	-	6.5
IQGAP1 Ras GTPase-activating-like protein IQGAP1	IPI00009342	189 kDa	6	9	2	2	6	10	7	2	8	0.1187	0.9769	3.6	1.0
ISLR Immunoglobulin superfamily containing leucine-rich repeats	IPI00023648	46 kDa	23	14	19	9	11	14	18	14	12	0.7689	0.3300	0.9	0.7
ITFG1 T-cell immunomodulatory protein precursor	IPI00006547	68 kDa	6	7	11	5	6	4	6	8	5	0.3943	0.1786	0.6	0.8
ITFG3 Protein	IPI00658177	21 kDa	5	3	4	2	0	0	4	3	0	0.1004	0.0492	0.0	0.0
ITGA3 Isoform Alpha-3A of Integrin alpha-3 precursor	IPI00215995	117 kDa	4	3	1	2	2	2	3	2	2	0.3523	0.0642	1.4	0.7
ITGAV Isoform 1 of Integrin alpha-V precursor	IPI00027505	116 kDa	1	1	0	0	1	2	1	0	2	0.0901	0.4289	-	1.5
ITGB1 integrin beta 1 isoform 1A precursor	IPI00645194	88 kDa	2	10	6	3	9	4	6	5	7	0.5800	0.9442	1.4	1.1
ITIH1 Inter-alpha-trypsin inhibitor heavy chain H1 precursor	IPI00292530	101 kDa	10	6	4	2	0	1	8	3	1	0.1628	0.0607	0.2	0.1
ITIH2 Inter-alpha-trypsin inhibitor heavy chain H2 precursor	IPI00305461	106 kDa	7	9	11	5	0	0	8	8	0	0.1004	0.0122	0.0	0.0
ITIH3 Isoform 1 of Inter-alpha-trypsin inhibitor heavy chain H3	IPI00028413	100 kDa	2	0	3	0	0	0	1	2	0	0.4226	0.4226	0.0	0.0
ITIH4 inter-alpha (globulin) inhibitor H4	IPI00896419	103 kDa	221	158	187	184	132	112	189	186	122	0.0250	0.1770	0.7	0.6
ITIH5 inter-alpha trypsin inhibitor heavy chain precursor 5	IPI00328829	106 kDa	7	5	3	2	0	0	6	3	0	0.0417	0.0309	0.0	0.0
ITLN1 Intellectin-1 precursor	IPI00291737	35 kDa	4	0	2	1	0	0	2	2	0	0.1004	0.4226	0.0	0.0
ITM2B Integral membrane protein 2B	IPI00031821	30 kDa	4	3	3	2	2	1	3	3	2	0.3379	0.1211	0.6	0.5
IVL Involucrin	IPI00011692	68 kDa	5	13	5	4	1	2	9	5	2	0.0579	0.2206	0.3	0.2

JAG1 Protein jagged-1 precursor	IPI00099650	134 kDa	6	6	3	5	2	2	6	4	2	0.1832	0.0000	0.5	0.4
JUP JUP protein	IPI00789324	82 kDa	7	9	16	5	6	13	8	11	9	0.8559	0.8003	0.9	1.1
KHK Isoform C of Ketohexokinase	IPI00216136	33 kDa	4	4	0	0	0	0	4	0	0	-	0.0028	-	0.0
KIAA0174 Isoform 1 of Uncharacterized protein KIAA0174	IPI00024660	40 kDa	44	39	21	34	23	25	42	28	24	0.6223	0.0238	0.9	0.6
KIAA1549 Isoform 1 of UPF0606 protein KIAA1549	IPI00896475	203 kDa	12	14	6	4	7	14	13	5	10	0.3204	0.5500	2.0	0.8
KIF12 Kinesin-like protein KIF12	IPI00062047	71 kDa	5	5	1	2	0	0	5	2	0	0.0905	0.0004	0.0	0.0
KIRREL Isoform 1 of Kin of IRRE-like protein 1 precursor	IPI00470360	84 kDa	12	13	8	13	3	4	12	11	4	0.1062	0.0066	0.3	0.3
KIT Mast/stem cell growth factor receptor precursor	IPI00022296	110 kDa	5	4	2	0	0	0	4	1	0	0.4226	0.0081	0.0	0.0
KL Isoform 1 of Klotho precursor	IPI00295265	116 kDa	10	3	3	3	3	8	6	3	5	0.3947	0.8415	1.7	0.9
KLK1 Kallikrein-1 precursor	IPI00304808	29 kDa	66	53	69	67	119	97	59	68	108	0.0706	0.0642	1.6	1.8
KLK11 Isoform 1 of Kallikrein-11 precursor	IPI00002818	27 kDa	2	4	2	1	2	8	3	2	5	0.3499	0.6107	3.1	1.5
KLK2 Isoform 1 of Kallikrein-2 precursor	IPI00022227	29 kDa	20	15	0	0	0	0	18	0	0	-	0.0224	-	0.0
KLK3 Prostate-specific antigen precursor	IPI00010858	29 kDa	153	126	173	155	53	44	140	164	48	0.0070	0.0240	0.3	0.3
KLKB1 Plasma kallikrein precursor	IPI00654888	71 kDa	0	1	2	1	0	0	1	2	0	0.1004	0.4226	0.0	0.0
KNG1 Isoform LMW of Kininogen-1 precursor	IPI00215894	48 kDa	675	743	556	573	555	641	709	564	598	0.5259	0.1800	1.1	0.8
KPRP Keratinocyte proline-rich protein	IPI00514908	64 kDa	8	10	6	7	3	4	9	7	4	0.0461	0.0293	0.6	0.4
KREMEN1 Isoform 1 of Kremen protein 1 precursor	IPI00140177	52 kDa	4	2	1	3	0	0	3	2	0	0.1789	0.0727	0.0	0.0
KRT1 Keratin, type II cytoskeletal 1	IPI00220327	66 kDa	608	608	743	591	538	588	608	667	563	0.3235	0.2165	0.8	0.9
KRT10 Keratin, type I cytoskeletal 10	IPI00009865	60 kDa	529	464	582	522	440	436	496	552	438	0.0642	0.2137	0.8	0.9
KRT14 Keratin, type I cytoskeletal 14	IPI00384444	52 kDa	163	153	206	193	218	188	158	200	203	0.8591	0.1052	1.0	1.3
KRT16 Keratin, type I cytoskeletal 16	IPI00217963	51 kDa	150	133	191	187	208	179	141	189	194	0.7795	0.0884	1.0	1.4
KRT17 Keratin, type I cytoskeletal 17	IPI00450768	48 kDa	103	100	129	117	125	113	102	123	119	0.6933	0.1159	1.0	1.2
KRT2 Keratin, type II cytoskeletal 2 epidermal	IPI00021304	66 kDa	452	454	402	378	382	406	453	390	394	0.8514	0.0389	1.0	0.9
KRT27 Keratin, type I cytoskeletal 27	IPI00328103	50 kDa	60	48	59	57	0	0	54	58	0	0.0004	0.0120	0.0	0.0
KRT28 Keratin 25D	IPI00418663	53 kDa	96	83	96	91	0	0	89	94	0	0.0008	0.0052	0.0	0.0
KRT31 Keratin, type I cuticular Ha1	IPI00032513	47 kDa	0	37	40	49	0	96	19	44	48	0.9511	0.6254	1.1	2.6
KRT32 Keratin, type I cuticular Ha2	IPI00291540	50 kDa	0	32	0	0	0	60	16	0	30	0.4226	0.7198	-	1.9
KRT33B Keratin, type I cuticular Ha3-II	IPI00031423	46 kDa	0	0	0	0	0	86	0	0	43	0.4226	0.4226	-	-
KRT34 keratin 34	IPI00292715	49 kDa	0	0	4	9	0	59	0	7	30	0.5230	0.4226	4.4	-
KRT35 46 kDa protein	IPI00798228	46 kDa	0	5	2	11	0	77	3	7	39	0.4987	0.4492	5.7	15.5
KRT35 keratin 35	IPI00294649	50 kDa	0	0	0	0	0	56	0	0	28	0.4226	0.4226	-	-
KRT36 Keratin, type I cuticular Ha6	IPI00008692	52 kDa	0	0	40	46	0	0	43	0	0	0.0038	-	0.0	-
KRT38 Keratin, type I cuticular Ha8	IPI00297641	50 kDa	0	0	0	0	0	52	0	0	26	0.4226	0.4226	-	-
KRT40;LOC728760 Keratin, type I cytoskeletal 40	IPI00552959	48 kDa	0	0	0	0	0	12	0	0	6	0.4226	0.4226	-	-
KRT5 Keratin, type II cytoskeletal 5	IPI00009867	62 kDa	199	186	256	186	223	219	193	221	221	0.9973	0.0530	1.0	1.1
KRT6A Keratin, type II cytoskeletal 6A	IPI00300725	60 kDa	191	173	238	179	240	210	182	209	225	0.6680	0.1277	1.1	1.2
KRT6C Keratin, type II cytoskeletal 6C	IPI00299145	60 kDa	191	173	238	178	235	211	182	208	223	0.6833	0.1075	1.1	1.2
KRT71 Keratin, type II cytoskeletal 71	IPI00061200	57 kDa	34	29	35	19	21	24	31	27	22	0.6388	0.0769	0.8	0.7
KRT75 Keratin, type II cytoskeletal 75	IPI00005859	60 kDa	73	77	93	60	0	83	75	77	41	0.5111	0.5005	0.5	0.6
KRT77 Keratin 77	IPI00376379	62 kDa	0	65	83	57	0	62	33	70	31	0.3699	0.9785	0.4	1.0
KRT78 Isoform 1 of Keratin, type II cytoskeletal 78	IPI00477227	57 kDa	14	17	24	12	0	0	16	18	0	0.0911	0.0069	0.0	0.0
KRT8 Keratin, type II cytoskeletal 8	IPI00554648	54 kDa	102	101	108	93	78	0	101	101	39	0.2618	0.2513	0.4	0.4
KRT80 Isoform 3 of Keratin, type II cytoskeletal 80	IPI00375843	54 kDa	0	12	21	6	12	12	6	14	12	0.8378	0.4256	0.9	2.0
KRT81 Keratin type II cuticular Hb1	IPI00760863	55 kDa	0	0	0	0	0	147	0	0	74	0.4226	0.4226	-	-
KRT82 Keratin type II cuticular Hb2	IPI00300053	57 kDa	0	0	0	0	0	50	0	0	25	0.4226	0.4226	-	-
KRT84 Keratin type II cuticular Hb4	IPI00300052	65 kDa	0	0	0	25	0	60	0	12	30	0.6420	0.4226	2.4	-
KRT85 Keratin type II cuticular Hb5	IPI00032541	56 kDa	0	5	5	9	1	151	3	7	76	0.4559	0.4301	10.4	30.5



KRT86 Keratin type II cuticular Hb6	IPI00182655	53 kDa	0	7	7	22	0	184	4	15	92	0.4899	0.4379	6.3	26.2
KRT9 Keratin, type I cytoskeletal 9	IPI00019359	62 kDa	278	300	401	264	315	284	289	333	300	0.6842	0.6300	0.9	1.0
KRTAP11-1 Keratin-associated protein 11-1	IPI00216711	17 kDa	0	0	0	0	0	4	0	0	2	0.4226	0.4226	-	-
KRTAP13-2 Keratin-associated protein 13-2	IPI00373959	19 kDa	0	0	0	1	0	4	0	1	2	0.5375	0.4226	4.1	-
KRTAP24-1 Keratin-associated protein 24-1	IPI00414750	28 kDa	0	0	0	0	0	3	0	0	2	0.4226	0.4226	-	-
KRTAP3-1;LOC100132802 Keratin-associated protein 3-1	IPI00011212	11 kDa	0	0	0	0	0	5	0	0	3	0.4226	0.4226	-	-
KRTAP4-3 Keratin-associated protein 4-3	IPI00457200	21 kDa	0	0	0	0	0	3	0	0	2	0.4226	0.4226	-	-
KRTAP4-4 Keratin-associated protein 4-4	IPI00000143	18 kDa	0	0	0	0	0	2	0	0	1	0.4226	0.4226	-	-
KRTAP9-3 Keratin-associated protein 9-3	IPI00011222	17 kDa	0	0	0	0	0	5	0	0	3	0.4226	0.4226	-	-
L1CAM Isoform 1 of Neural cell adhesion molecule L1 precursor	IPI00027087	140 kDa	36	50	51	31	21	24	43	41	22	0.2020	0.1012	0.5	0.5
LAIR1 Isoform 2 of Leukocyte-associated immunoglobulin-like receptor 1	IPI00028015	30 kDa	59	50	39	31	48	45	54	35	47	0.1178	0.2448	1.3	0.9
LAMA5 Laminin subunit alpha-5 precursor	IPI00783665	400 kDa	13	15	10	14	6	3	14	12	4	0.1073	0.0217	0.4	0.3
LAMB1 Laminin subunit beta-1 precursor	IPI00013976	198 kDa	2	5	3	4	0	3	4	4	2	0.3471	0.4192	0.4	0.4
LAMB2 Laminin subunit beta-2 precursor	IPI00296922	196 kDa	4	6	6	11	3	4	5	9	4	0.1866	0.5218	0.4	0.8
LAMC1 Laminin subunit gamma-1 precursor	IPI00298281	178 kDa	14	21	15	13	2	4	18	14	3	0.0129	0.0531	0.2	0.2
LAMP1 lysosomal-associated membrane protein 1	IPI00004503	45 kDa	28	26	23	21	21	27	27	22	24	0.6218	0.4422	1.1	0.9
LAMP2 Isoform LAMP-2A of Lysosome-associated membrane protein 2	IPI00009030	45 kDa	60	45	43	39	63	50	52	41	57	0.1429	0.7121	1.4	1.1
LAYN Isoform 2 of Layilin precursor	IPI00744423	42 kDa	0	3	2	3	3	2	2	3	3	0.8963	0.5259	1.0	1.8
LBP Lipopolysaccharide-binding protein precursor	IPI00032311	53 kDa	6	3	2	3	0	0	4	3	0	0.0340	0.0953	0.0	0.0
LCAT Phosphatidylcholine-sterol acyltransferase precursor	IPI00022331	50 kDa	12	7	15	12	8	5	9	14	7	0.0515	0.3950	0.5	0.7
LCN1 Lipocalin-1 precursor	IPI00009650	19 kDa	7	6	4	2	2	2	7	3	2	0.4612	0.0178	0.7	0.3
LCN2 Neutrophil gelatinase-associated lipocalin precursor	IPI00299547	23 kDa	20	13	53	74	13	12	17	63	13	0.0389	0.3812	0.2	0.7
LCP1 Plastin-2	IPI00010471	70 kDa	1	0	3	3	0	0	1	3	0	0.0001	0.4226	0.0	0.0
LDHA Isoform 1 of L-lactate dehydrogenase A chain	IPI00217966	37 kDa	12	13	11	12	0	12	12	0	0	0.0063	0.0016	0.0	0.0
LDHB L-lactate dehydrogenase B chain	IPI00219217	37 kDa	38	40	30	25	14	15	39	27	15	0.0353	0.0013	0.5	0.4
LDLR Low-density lipoprotein receptor precursor	IPI00000070	95 kDa	5	3	1	3	0	2	4	2	1	0.5665	0.1811	0.5	0.3
LEAP2 Liver-expressed antimicrobial peptide 2 precursor	IPI00056309	9 kDa	13	16	10	7	15	23	15	8	19	0.1058	0.3719	2.3	1.3
LGALS1 Galectin-1	IPI00219219	15 kDa	0	3	1	0	1	0	2	1	1	0.9809	0.6125	1.0	0.4
LGALS3 Galectin-3	IPI00465431	26 kDa	12	11	11	6	0	1	11	8	1	0.0732	0.0044	0.1	0.0
LGALS3BP Galectin-3-binding protein precursor	IPI00023673	65 kDa	315	317	243	283	196	190	316	263	193	0.0753	0.0006	0.7	0.6
LGALS9 Isoform Long of Galectin-9	IPI00010477	40 kDa	13	15	7	9	7	3	14	8	5	0.2170	0.0410	0.6	0.3
LGMN Legumain precursor	IPI00293303	49 kDa	5	2	1	2	3	2	3	2	3	0.2700	0.6994	1.7	0.8
LIFR Leukemia inhibitory factor receptor precursor	IPI00444272	124 kDa	2	5	6	8	1	5	4	7	3	0.2232	0.8695	0.4	0.9
LILRA5 Isoform 1 of Leukocyte immunoglobulin-like receptor 5	IPI00158145	33 kDa	13	10	15	10	0	0	12	13	0	0.0301	0.0184	0.0	0.0
LILRB4 leukocyte immunoglobulin-like receptor, subfamily B	IPI00289926	49 kDa	5	4	3	5	6	1	4	4	3	0.7494	0.6704	0.8	0.7
LMAN2 Vesicular integral-membrane protein VIP36 precursor	IPI00009950	40 kDa	168	130	216	173	92	89	149	194	91	0.0409	0.0922	0.5	0.6
LMNA Isoform A of Lamin-A/C	IPI00021405	74 kDa	0	0	0	2	0	1	0	1	1	0.7106	0.4226	0.5	-
LNPEP Isoform 2 of Leucyl-cystinyl aminopeptidase	IPI00221240	116 kDa	1	11	7	9	1	10	6	8	5	0.5664	0.9221	0.6	0.9
LOC100126583 cDNA FLJ41981 fis, clone SMINT2011888, h	IPI00784830	53 kDa	152	151	223	239	131	143	152	231	137	0.0107	0.1311	0.6	0.9
LOC100134370 Keratin 83	IPI00889599	54 kDa	0	0	0	0	0	129	0	0	64	0.4226	0.4226	-	-
LOC124220 Uncharacterized protein UNQ773/PRO1567 precursor	IPI00060800	23 kDa	36	34	40	48	22	19	35	44	21	0.0273	0.0132	0.5	0.6
LOC130576 Isoform 2 of Ly6/PLAUR domain-containing protein 1	IPI00217542	23 kDa	4	3	2	2	0	0	3	2	0	0.0001	0.0081	0.0	0.0
LOC284422 Transmembrane protein HSPC323 precursor	IPI00024925	15 kDa	2	5	3	4	1	0	4	4	1	0.0512	0.1556	0.2	0.1
LOC284889;MIF Macrophage migration inhibitory factor	IPI00293276	12 kDa	5	3	4	2	4	3	4	3	4	0.6472	0.9428	1.2	1.0
LOC402665 Ig-like domain-containing protein ENSP000002	IPI00455667	37 kDa	1	1	0	2	2	1	1	1	2	0.6605	0.4467	1.6	1.5
LOC442497;SLC3A2 4F2 cell-surface antigen heavy chain	IPI00027493	58 kDa	8	4	12	11	0	1	6	12	1	0.0025	0.1294	0.0	0.1
LOC642103 similar to hCG1811191	IPI00741768	170 kDa	319	291	290	192	140	191	305	241	165	0.3077	0.0412	0.7	0.5

LOC643635;ABHD6;CAPS calcyphosine isoform b	IPI00103067	27 kDa	6	1	0	0	0	0	3	0	0	-	0.2964	-	0.0
LOC652113 Immunglobulin heavy chain variable region (Fr	IPI00745363	14 kDa	16	25	16	38	25	21	20	27	23	0.7754	0.6045	0.9	1.2
LOC653240 Uncharacterized protein ENSP00000375232	IPI00871819	21 kDa	0	0	0	0	0	2	0	0	1	0.4226	0.4226	-	-
LOC728285;LOC728934;KRTAP2-4;LOC644350;LOC730755; IPI00013265		13 kDa	0	0	0	0	0	5	0	0	3	0.4226	0.4226	-	-
LOC728765;KRT39 Keratin, type I cytoskeletal 39	IPI00741855	56 kDa	0	0	0	0	0	5	0	0	3	0.4226	0.4226	-	-
LOC729968 Conserved hypothetical protein	IPI00884334	15 kDa	0	0	0	0	0	2	0	0	1	0.4226	0.4226	-	-
LPA Apolipoprotein	IPI00029168	501 kDa	71	89	46	51	50	55	80	48	52	0.3915	0.1000	1.1	0.7
LPHN1 Isoform 1 of Latrophilin-1 precursor	IPI00183445	163 kDa	10	5	5	8	2	2	7	7	2	0.0908	0.1554	0.3	0.3
LRG1 Leucine-rich alpha-2-glycoprotein precursor	IPI00022417	38 kDa	132	123	70	84	239	240	127	77	240	0.0019	0.0016	3.1	1.9
LRP1 Prolow-density lipoprotein receptor-related protein 1	IPI00020557	505 kDa	12	12	7	9	4	2	12	8	3	0.0747	0.0163	0.4	0.3
LRP2 Low-density lipoprotein receptor-related protein 2 pr	IPI00024292	522 kDa	1694	1531	1411	1260	1064	1354	1613	1335	1209	0.5197	0.1358	0.9	0.7
LRRC15 Leucine-rich repeat-containing protein 15 precurs	IPI00152871	64 kDa	10	9	6	3	0	5	9	5	3	0.5812	0.1340	0.6	0.3
LRRC19 Leucine-rich repeat-containing protein 19 precurs	IPI00009653	42 kDa	0	5	1	0	2	0	3	1	1	0.6862	0.6593	2.1	0.4
LRRN4 Uncharacterized protein C20orf75 precursor	IPI00216345	79 kDa	11	8	1	4	0	0	9	3	0	0.2336	0.0214	0.0	0.0
LSAMP Limbic system-associated membrane protein precu	IPI00013303	37 kDa	0	1	1	7	0	0	1	4	0	0.3116	0.4226	0.0	0.0
LTBP1 latent transforming growth factor beta binding prot	IPI00302679	153 kDa	2	7	5	5	8	10	5	5	9	0.0724	0.2523	1.7	1.8
LTBP2 Latent-transforming growth factor beta-binding pro	IPI00292150	195 kDa	67	76	51	50	46	64	72	50	55	0.6354	0.2493	1.1	0.8
LTBP4 Isoform 2 of Latent-transforming growth factor beta	IPI00783492	166 kDa	12	14	12	10	15	13	13	11	14	0.1570	0.5504	1.3	1.1
LTF Lactotransferrin precursor	IPI00848342	78 kDa	18	24	271	195	85	62	21	233	73	0.0572	0.0457	0.3	3.5
LUM Lumican precursor	IPI00020986	38 kDa	17	15	33	37	42	47	16	35	45	0.1140	0.0098	1.3	2.8
LY6D Lymphocyte antigen 6D precursor	IPI00029510	13 kDa	1	5	1	1	9	8	3	1	8	0.0081	0.1278	7.8	2.6
LY6H Lymphocyte antigen 6H precursor	IPI00014964	17 kDa	6	8	4	10	7	6	7	7	7	0.8241	0.6826	0.9	0.9
LYNX1 Ly-6 neurotoxin-like protein 1 isoform a	IPI00218851	14 kDa	13	34	13	11	9	24	24	12	16	0.6320	0.6216	1.3	0.7
LYPLA3 1-O-acylceramide synthase precursor	IPI00301459	47 kDa	8	5	7	11	0	2	7	9	1	0.0664	0.1073	0.1	0.2
LYVE1 Lymphatic vessel endothelial hyaluronic acid recept	IPI00290856	35 kDa	34	36	28	29	61	56	35	28	58	0.0067	0.0125	2.1	1.7
LYZ Lysozyme C precursor	IPI00019038	17 kDa	13	15	15	22	11	11	14	18	11	0.1654	0.0720	0.6	0.8
MADCAM1 Isoform 1 of Mucosal addressin cell adhesion r	IPI00289931	43 kDa	19	16	15	16	18	15	18	15	16	0.4834	0.5970	1.1	0.9
MAN1A1 MAN1A1 protein	IPI00439446	75 kDa	22	21	18	20	3	5	21	19	4	0.0083	0.0040	0.2	0.2
MAN1C1 Mannosyl-oligosaccharide 1,2-alpha-mannosidas	IPI00745251	71 kDa	0	3	0	2	0	0	2	1	0	0.4226	0.4226	0.0	0.0
MAN2A1 Alpha-mannosidase 2	IPI00003802	131 kDa	24	27	18	16	1	1	25	17	1	0.0062	0.0038	0.1	0.0
MAN2A2 Isoform Long of Alpha-mannosidase IIx	IPI00027703	129 kDa	4	2	2	5	0	0	3	4	0	0.1399	0.0727	0.0	0.0
MAN2B1 Lysosomal alpha-mannosidase precursor	IPI00012989	114 kDa	5	5	0	0	1	0	5	0	1	0.4226	0.0162	-	0.1
MAN2B2 Isoform 1 of Epididymis-specific alpha-mannosid	IPI00328488	114 kDa	30	21	20	8	12	9	25	14	10	0.5961	0.0881	0.7	0.4
MANBA Beta-mannosidase precursor	IPI00298793	101 kDa	42	57	30	33	35	41	49	31	38	0.1822	0.2886	1.2	0.8
MARCKS Myristoylated alanine-rich C-kinase substrate	IPI00219301	32 kDa	0	2	1	0	0	2	1	1	1	0.6940	0.9646	2.0	1.1
MASP2 Isoform 1 of Mannan-binding lectin serine proteas	IPI00294713	76 kDa	177	161	215	211	39	55	169	213	47	0.0025	0.0088	0.2	0.3
MATN4 matrilin 4 isoform 3 precursor	IPI00012325	55 kDa	0	3	2	2	0	0	2	2	0	0.0001	0.4226	0.0	0.0
MCAM Isoform 1 of Cell surface glycoprotein MUC18 prec	IPI00016334	72 kDa	28	27	49	51	33	19	27	50	26	0.0765	0.8849	0.5	1.0
MDH1 Malate dehydrogenase, cytoplasmic	IPI00291005	36 kDa	10	6	8	8	2	0	8	8	1	0.0223	0.0863	0.1	0.1
MDH2 Malate dehydrogenase, mitochondrial precursor	IPI00291006	36 kDa	1	3	0	3	0	0	2	2	0	0.4226	0.1450	0.0	0.0
MEGF8 multiple EGF-like-domains 8	IPI00607580	296 kDa	85	82	89	82	17	34	84	85	25	0.0248	0.0234	0.3	0.3
MEGF9 Multiple epidermal growth factor-like domains 9 pl	IPI00401283	63 kDa	6	16	5	5	8	14	11	5	11	0.2156	0.9798	2.1	1.0
MFI2 Isoform 1 of Melanotransferrin precursor	IPI00029275	80 kDa	24	34	46	42	15	8	29	44	11	0.0165	0.1108	0.3	0.4
MGAM Maltase-glucoamylase, intestinal	IPI00220143	210 kDa	435	410	352	233	217	305	423	292	261	0.7118	0.0717	0.9	0.6
MGAT5 Alpha-1,6-mannosylglycoprotein 6-beta-N-acetylgl	IPI00020407	85 kDa	4	5	2	1	0	0	4	2	0	0.1004	0.0256	0.0	0.0
MGC45438 hypothetical protein LOC146556 isoform 2	IPI00166766	45 kDa	11	8	2	2	10	4	9	2	7	0.2163	0.5397	3.4	0.8
MIA2 melanoma inhibitory activity 2	IPI00044351	74 kDa	2	4	3	0	0	0	3	2	0	0.4226	0.0574	0.0	0.0

MI A3 Isoform 1 of Melanoma inhibitory activity protein 3 f	IPI00455473	214 kDa	1	2	2	3	1	1	2	3	1	0.0909	0.3292	0.4	0.7
MINPP1 Isoform 1 of Multiple inositol polyphosphate phosphatase	IPI00293748	55 kDa	0	3	7	7	0	0	2	7	0	0.0001	0.4226	0.0	0.0
MME Neprilysin	IPI00247063	86 kDa	73	79	62	66	43	47	76	64	45	0.0214	0.0135	0.7	0.6
MMP7 Matrilysin precursor	IPI00013400	30 kDa	4	1	7	5	2	3	2	6	3	0.1002	0.7956	0.4	1.2
MMP9 Matrix metalloproteinase-9 precursor	IPI00027509	78 kDa	1	5	15	14	2	2	3	15	2	0.0002	0.6744	0.1	0.7
MMRN1 Multimerin-1 precursor	IPI00012269	138 kDa	7	3	6	3	0	1	5	5	1	0.1338	0.1697	0.1	0.1
MMRN2 Multimerin-2 precursor	IPI00015525	104 kDa	19	17	21	23	9	10	18	22	9	0.0050	0.0171	0.4	0.5
MOBK1B Isoform 1 of Mps one binder kinase activator-like	IPI00301518	25 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
MOC52 Molybdenum cofactor synthesis protein 2 small subunit	IPI00002968	10 kDa	2	5	1	1	2	4	4	1	3	0.1703	0.8121	3.1	0.9
MPO Isoform H17 of Myeloperoxidase precursor	IPI00007244	84 kDa	0	0	13	20	0	0	0	16	0	0.0433	-	0.0	-
MRC2 Macrophage mannose receptor 2 precursor	IPI00005707	167 kDa	1	7	1	2	1	2	4	2	2	0.9429	0.4893	1.0	0.4
MSLN Isoform 2 of Mesothelin precursor	IPI00025110	68 kDa	10	6	16	14	9	11	8	15	10	0.0450	0.4354	0.6	1.3
MSMB Isoform PSP94 of Beta-microseminoprotein precursor	IPI00414609	13 kDa	10	20	10	8	14	8	15	9	11	0.6204	0.5955	1.2	0.7
MSN Moesin	IPI00219365	68 kDa	64	63	68	49	65	45	63	58	55	0.8372	0.4921	0.9	0.9
MST1 Hepatocyte growth factor-like protein precursor	IPI00292218	80 kDa	5	1	2	1	1	1	3	2	1	0.4612	0.4407	0.7	0.4
MTHFD1 C-1-tetrahydrofolate synthase, cytoplasmic	IPI00218342	102 kDa	0	2	0	2	0	0	1	1	0	0.4226	0.4226	0.0	0.0
MUC1 Isoform 1 of Mucin-1 precursor	IPI00013955	122 kDa	76	60	54	59	61	71	68	57	66	0.2512	0.8439	1.2	1.0
MUC16 Mucin-16	IPI00103552	2353 kDa	0	0	3	2	0	0	0	3	0	0.0417	-	0.0	-
MUC20 Isoform 2 of Mucin-20 precursor	IPI00166450	57 kDa	29	38	34	38	40	49	33	36	44	0.2577	0.2401	1.2	1.3
MUC4 Isoform 1 of Mucin-4 precursor	IPI00302162	232 kDa	1	2	13	16	2	1	2	14	2	0.0145	0.9616	0.1	1.0
MUC5AC Mucin-5AC precursor (Fragment)	IPI00103397	527 kDa	1	3	7	8	8	9	2	8	8	0.6791	0.0265	1.0	3.9
MUC5B mucin 5, subtype B, tracheobronchial	IPI00855918	597 kDa	6	7	19	23	67	64	6	21	66	0.0026	0.0006	3.1	10.1
MUC6 mucin 6, gastric	IPI00401776	257 kDa	18	14	48	53	36	30	16	50	33	0.0521	0.0435	0.7	2.1
MUPCDH Isoform 3 of Mucin and cadherin-like protein precursor	IPI00180687	53 kDa	7	16	15	14	7	4	12	15	5	0.0156	0.3093	0.4	0.5
MVP Major vault protein	IPI00000105	99 kDa	4	8	0	1	0	0	6	1	0	0.4226	0.1190	0.0	0.0
MXRA5 Matrix-remodeling-associated protein 5 precursor	IPI00012347	312 kDa	4	6	0	1	0	0	5	1	0	0.4226	0.0574	0.0	0.0
MXRA8 Isoform 2 of Matrix-remodeling-associated protein	IPI00153049	50 kDa	65	47	79	68	10	6	56	74	8	0.0077	0.0341	0.1	0.1
MYH9 Myosin-9	IPI00019502	227 kDa	16	13	2	2	1	3	14	2	2	0.9560	0.0185	1.0	0.2
MYL6;MYL6B Isoform Non-muscle of Myosin light polypeptide chain	IPI00335168	17 kDa	5	7	5	4	1	2	6	5	2	0.0579	0.0727	0.3	0.3
MYL9 myosin regulatory light chain 9 isoform b	IPI00030929	14 kDa	0	0	0	4	0	0	0	2	0	0.4226	-	0.0	-
MYLK Isoform 2 of Myosin light chain kinase, smooth muscle	IPI00221255	203 kDa	4	5	5	4	2	2	4	5	2	0.0478	0.0940	0.5	0.5
MYO1C myosin IC isoform a	IPI00743335	122 kDa	14	21	7	21	33	27	18	14	30	0.1628	0.1139	2.1	1.7
MYO1D Isoform 1 of Myosin-Id	IPI00329719	116 kDa	6	4	6	0	2	11	5	3	6	0.5992	0.7692	2.0	1.3
NAGA Alpha-N-acetylgalactosaminidase precursor	IPI00414909	47 kDa	17	21	5	5	8	8	19	5	8	0.0022	0.0332	1.5	0.4
NAGLU Alpha-N-acetylglucosaminidase precursor	IPI00008787	82 kDa	104	113	133	118	40	40	109	126	40	0.0079	0.0039	0.3	0.4
NAPSA Napsin-A precursor	IPI00014055	45 kDa	18	13	16	13	15	12	15	15	14	0.6718	0.6019	0.9	0.9
NBL1 Neuroblastoma, suppression of tumorigenicity 1	IPI00013299	19 kDa	0	3	1	1	1	2	2	1	2	0.3856	0.9451	1.6	1.1
NCAM1 Isoform N-CAM 120 of Neural cell adhesion molecule	IPI00220737	84 kDa	14	17	18	12	26	18	16	15	22	0.2866	0.2615	1.5	1.4
NCAM2 Neural cell adhesion molecule 2 precursor	IPI00376427	93 kDa	1	1	0	2	0	0	1	1	0	0.4226	0.0081	0.0	0.0
NCKAP1 Nck-associated protein 1	IPI00031982	129 kDa	0	2	0	3	1	3	1	2	2	0.7773	0.5094	1.4	2.2
NCSTN Isoform 1 of Nicastrin precursor	IPI00021983	78 kDa	4	4	1	1	1	2	4	1	2	0.3856	0.0605	1.6	0.4
NEGR1 Neuronal growth regulator 1 precursor	IPI00176221	39 kDa	34	23	20	32	32	35	28	26	34	0.3494	0.4360	1.3	1.2
NEO1 Isoform 1 of Neogenin precursor	IPI00023814	160 kDa	7	15	13	14	14	2	11	14	8	0.4739	0.7294	0.6	0.7
NEU1 Sialidase-1 precursor	IPI00029817	45 kDa	28	25	35	17	7	5	26	26	6	0.1650	0.0049	0.2	0.2
NGFR Tumor necrosis factor receptor superfamily member 1	IPI00027436	45 kDa	24	21	21	21	23	27	22	21	25	0.1654	0.4077	1.2	1.1
NHLRC3 NHL repeat-containing protein 3 precursor	IPI00552937	38 kDa	20	9	11	5	15	9	15	8	12	0.4444	0.7239	1.5	0.8
NID1 Isoform 1 of Nidogen-1 precursor	IPI00026944	136 kDa	56	48	47	52	41	23	52	49	32	0.2042	0.1762	0.6	0.6

NME2 Nucleoside diphosphate kinase	IPI00604590	33 kDa	8	7	5	5	2	0	8	5	1	0.0642	0.0368	0.2	0.1
NOMO1;NOMO3 Nodal modulator 1 precursor	IPI00329352	134 kDa	5	7	3	4	0	0	6	4	0	0.0169	0.0332	0.0	0.0
NOV Protein NOV homolog precursor	IPI00011140	39 kDa	16	19	12	19	9	12	17	15	10	0.3313	0.0916	0.7	0.6
NP CDNA FLJ25678 fis, clone TST04067, highly similar to PU	IPI00017672	33 kDa	2	2	2	2	0	0	2	2	0	0.0001	0.0081	0.0	0.0
NPC2 Epididymal secretory protein E1 precursor	IPI00301579	17 kDa	61	60	30	41	47	35	61	36	41	0.5573	0.0846	1.2	0.7
NPR3 Isoform 1 of Atrial natriuretic peptide clearance rece	IPI00013826	60 kDa	1	0	1	2	0	0	1	2	0	0.0905	0.4226	0.0	0.0
NQO2 Ribosylidihyronicotinamide dehydrogenase	IPI00219129	26 kDa	0	0	3	4	0	0	0	4	0	0.0169	-	0.0	-
NRAS GTPase NRas precursor	IPI00000005	21 kDa	1	2	0	1	0	0	2	1	0	0.4226	0.0574	0.0	0.0
NRCAM Isoform 1 of Neuronal cell adhesion molecule prec	IPI00333776	144 kDa	8	8	3	6	4	4	8	5	4	0.8406	0.0028	0.9	0.5
NT5C Isoform 1 of 5'(3')-deoxyribonucleotidase, cytosolic t	IPI00005573	23 kDa	0	0	0	3	0	0	0	2	0	0.4226	-	0.0	-
NUCB1 Nucleobindin-1 precursor	IPI00295542	54 kDa	13	10	22	21	0	1	12	21	1	0.0020	0.0224	0.0	0.0
NUCB2 Nucleobindin-2 precursor	IPI00009123	50 kDa	1	0	3	0	0	0	1	2	0	0.4226	0.4226	0.0	0.0
NUDT1 Isoform p26 of 7,8-dihydro-8-oxoguanine triphosph	IPI00004392	23 kDa	10	9	5	8	6	4	9	7	5	0.3614	0.0226	0.7	0.5
NUTF2 Nuclear transport factor 2	IPI00009901	14 kDa	12	10	19	16	7	5	11	17	6	0.0263	0.0505	0.3	0.5
OAF Out at first protein homolog precursor	IPI00328703	31 kDa	2	1	2	1	0	1	2	2	1	0.3058	0.3180	0.3	0.3
ODZ4 Tenascin-4	IPI00737429	308 kDa	4	9	10	11	0	0	6	10	0	0.0078	0.1450	0.0	0.0
OIT3 Isoform 1 of Oncoprotein-induced transcript 3 protei	IPI00328215	60 kDa	0	2	0	0	4	1	1	0	3	0.2417	0.4652	-	2.7
OLFM4 Olfactomedin-4 precursor	IPI00022255	57 kDa	25	25	119	94	21	16	25	106	19	0.0194	0.1114	0.2	0.7
OLR1 Oxidized low-density lipoprotein receptor 1	IPI00001759	31 kDa	8	6	8	4	1	0	7	6	1	0.1234	0.0371	0.1	0.1
OPCML Opioid-binding protein/cell adhesion molecule pre	IPI00001662	38 kDa	8	9	8	8	13	6	9	8	10	0.7108	0.7717	1.2	1.1
ORM1 orosomucoid 1 precursor	IPI00884926	24 kDa	180	196	115	121	333	392	188	118	363	0.0141	0.0288	3.1	1.9
ORM2 Alpha-1-acid glycoprotein 2 precursor	IPI00020091	24 kDa	141	116	94	104	226	287	129	99	256	0.0365	0.0613	2.6	2.0
OSCAR Isoform 6 of Osteoclast associated immunoglobulin	IPI00107731	28 kDa	35	31	24	23	35	35	33	24	35	0.0046	0.3267	1.5	1.1
P4HB Protein disulfide-isomerase precursor	IPI00010796	57 kDa	5	8	8	5	0	0	6	7	0	0.0536	0.0574	0.0	0.0
P76 Putative phospholipase B-like 2 precursor	IPI00169285	65 kDa	31	31	15	11	24	13	31	13	19	0.4552	0.1572	1.4	0.6
PAM peptidylglycine alpha-amidating monooxygenase isof	IPI00177543	108 kDa	1	4	0	0	0	0	3	0	0	-	0.2046	-	0.0
PAPPA2 Isoform 1 of Pappalysin-2 precursor	IPI00013569	199 kDa	138	133	118	94	67	93	135	106	80	0.2821	0.0539	0.8	0.6
PARK7 Protein DJ-1	IPI00298547	20 kDa	11	8	8	8	3	1	9	8	2	0.0311	0.0562	0.3	0.2
PCBP1 Poly(rC)-binding protein 1	IPI00016610	37 kDa	4	4	2	3	1	1	4	3	1	0.0909	0.0055	0.4	0.3
PCDH1 Isoform 1 of Protocadherin-1 precursor	IPI00000024	111 kDa	37	34	32	36	22	20	36	34	21	0.0327	0.0149	0.6	0.6
PCDH12 PCDH12 protein	IPI00009851	129 kDa	8	9	5	11	4	2	9	8	3	0.2591	0.0433	0.4	0.4
PCDH19 Isoform 2 of Protocadherin-19 precursor	IPI00290350	121 kDa	0	0	3	5	0	0	0	4	0	0.0528	-	0.0	-
PCDH24 Protocadherin-24 precursor	IPI00307446	142 kDa	78	76	64	46	96	114	77	55	105	0.0588	0.0923	1.9	1.4
PCDH9 Protocadherin-9 precursor	IPI00006967	132 kDa	6	8	2	5	4	5	7	4	5	0.5212	0.1980	1.3	0.7
PCDHA10 Isoform 1 of Protocadherin alpha-10 precursor	IPI00001513	103 kDa	0	4	3	3	0	0	2	3	0	0.0001	0.4226	0.0	0.0
PCDHGC3;PCDHGA12 Isoform 1 of Protocadherin gamma-C	IPI00001872	101 kDa	17	22	17	14	9	5	19	16	7	0.0548	0.0587	0.5	0.4
PCOLCE Procollagen C-endopeptidase enhancer 1 precurs	IPI00299738	48 kDa	24	17	12	16	15	18	20	14	17	0.3107	0.4336	1.2	0.8
PCOLCE2 Procollagen C-endopeptidase enhancer 2 precurs	IPI00002543	46 kDa	1	3	3	1	1	0	2	2	1	0.3254	0.2798	0.3	0.3
PCSK1N ProSAAS precursor	IPI00002280	27 kDa	7	4	3	4	1	2	6	4	2	0.1036	0.1418	0.4	0.3
PDCD1LG2 Isoform 1 of Programmed cell death 1 ligand 2	IPI00414542	31 kDa	13	8	7	16	10	14	11	11	12	0.9288	0.7244	1.0	1.1
PDCD6 Programmed cell death protein 6	IPI00025277	22 kDa	12	7	5	9	1	2	9	7	2	0.1118	0.0908	0.2	0.2
PDCD6IP Dopamine receptor interacting protein 4	IPI00871576	97 kDa	72	82	61	57	65	61	77	59	63	0.3152	0.1220	1.1	0.8
PDGFRB Beta-type platelet-derived growth factor receptor	IPI00015902	124 kDa	12	9	18	10	11	13	10	14	12	0.6275	0.4985	0.8	1.1
PDXK Isoform 1 of Pyridoxal kinase	IPI00013004	35 kDa	2	0	2	1	0	0	1	2	0	0.1004	0.4226	0.0	0.0
PDZK1 PDZ domain-containing protein 1	IPI00298067	57 kDa	1	1	3	4	0	0	1	4	0	0.0169	0.0081	0.0	0.0
PDZK1IP1 PDZK1-interacting protein 1	IPI00011858	12 kDa	1	3	5	7	1	0	2	6	1	0.0363	0.2798	0.1	0.3
PEBP1 Phosphatidylethanolamine-binding protein 1	IPI00219446	21 kDa	30	21	29	31	11	9	25	30	10	0.0073	0.0776	0.3	0.4

PEBP4 Phosphatidylethanolamine-binding protein 4 precursor	IPI00163563	26 kDa	8	10	5	4	0	0	9	5	0	0.0146	0.0075	0.0	0.0
PEPD Xaa-Pro dipeptidase	IPI00257882	55 kDa	1	2	1	0	0	0	2	1	0	0.4226	0.0574	0.0	0.0
PFN1 Profilin-1	IPI00216691	15 kDa	12	12	17	19	12	6	12	18	9	0.1022	0.4377	0.5	0.8
PFN2 Isoform IIb of Profilin-2	IPI00107555	15 kDa	1	1	1	2	1	1	1	2	1	0.4446	0.9116	0.7	1.0
PGA5;PGA3;PGA4 pepsinogen 3, group I	IPI00736755	42 kDa	119	102	75	71	134	145	110	73	140	0.0072	0.0983	1.9	1.3
PGC Gastric precusor	IPI00022213	42 kDa	1	1	3	3	6	6	1	3	6	0.0266	0.0096	1.9	5.4
PGCP 60 kDa protein	IPI00005794	60 kDa	16	25	12	21	21	20	20	16	21	0.4280	0.9464	1.3	1.0
PGD 6-phosphogluconate dehydrogenase, decarboxylating	IPI00219525	53 kDa	2	2	0	4	0	0	2	2	0	0.4226	0.0081	0.0	0.0
PGK1 Phosphoglycerate kinase 1	IPI00169383	45 kDa	26	24	16	12	3	4	25	14	4	0.0289	0.0036	0.3	0.2
PGLS 6-phosphogluconolactonase	IPI00029997	28 kDa	20	13	22	18	6	4	17	20	5	0.0245	0.0876	0.2	0.3
PGLYRP1 Peptidoglycan recognition protein precursor	IPI00021085	22 kDa	47	33	53	69	33	40	40	61	36	0.1077	0.6911	0.6	0.9
PGLYRP2 Isoform 1 of N-acetylmuramoyl-L-alanine amidase	IPI00163207	62 kDa	24	26	43	38	13	4	25	41	9	0.0246	0.0708	0.2	0.4
PGM1 Isoform 1 of Phosphoglucomutase-1	IPI00219526	61 kDa	5	3	0	4	0	1	4	2	1	0.5478	0.0847	0.3	0.1
PHPT1 14 kDa phosphohistidine phosphatase	IPI00299977	14 kDa	2	8	5	9	3	1	5	7	2	0.1559	0.4230	0.3	0.4
PI16 Isoform 1 of Peptidase inhibitor 16 precursor	IPI00301143	49 kDa	66	83	76	65	163	141	74	71	152	0.0226	0.0313	2.1	2.0
PI3 Elafin precursor	IPI00021434	12 kDa	5	7	11	5	8	9	6	8	8	0.9326	0.1990	1.0	1.4
PIGR Polymeric immunoglobulin receptor precursor	IPI00004573	83 kDa	263	287	439	401	342	272	275	420	307	0.1068	0.4806	0.7	1.1
PIK3IP1 Isoform 1 of Phosphoinositide-3-kinase-interacting	IPI00298388	28 kDa	67	48	66	43	83	54	58	55	68	0.5346	0.6050	1.2	1.2
PIP Prolactin-inducible protein precursor	IPI00022974	17 kDa	25	21	54	36	19	14	23	45	16	0.0887	0.1661	0.4	0.7
PKD1 Isoform 3 of Polycystin-1 precursor	IPI00028786	462 kDa	4	12	1	4	2	2	8	3	2	0.8081	0.3125	0.8	0.3
PKHD1 Isoform 1 of Fibrocystin precursor	IPI00293274	447 kDa	1	5	3	0	0	1	3	2	1	0.5946	0.3239	0.3	0.2
PKM2 Isoform M2 of Pyruvate kinase isozymes M1/M2	IPI00479186	58 kDa	14	19	6	12	0	2	17	9	1	0.1229	0.0255	0.1	0.1
PKP1 Isoform 2 of Plakophilin-1	IPI00071509	83 kDa	4	4	2	2	1	12	4	2	6	0.5010	0.6692	3.1	1.7
PLAU Urokinase-type plasminogen activator precursor	IPI00296180	49 kDa	52	40	38	37	2	1	46	38	2	0.0004	0.0169	0.0	0.0
PLAUR Isoform 1 of Urokinase plasminogen activator surface	IPI00010676	37 kDa	10	8	5	4	11	8	9	5	9	0.1320	0.8318	2.0	1.1
PLD3 Phospholipase D3	IPI00328243	55 kDa	13	8	11	12	8	5	11	12	7	0.0788	0.2897	0.6	0.6
PLEKHB1 Isoform 2 of Pleckstrin homology domain-containing	IPI00006009	23 kDa	1	1	2	1	1	1	1	2	1	0.4612	0.9116	0.7	1.0
PLG Plasminogen precursor	IPI00019580	91 kDa	50	47	128	105	64	46	49	116	55	0.0530	0.5553	0.5	1.1
PLSCR1 Phospholipid scramblase 1	IPI00005181	35 kDa	4	1	7	3	6	5	2	5	5	0.9426	0.1374	1.0	2.4
PLXDC1 Isoform 1 of Plexin domain-containing protein 1 precursor	IPI00410122	56 kDa	1	2	4	7	1	1	2	6	1	0.0906	0.3292	0.2	0.7
PLXDC2 Isoform 1 of Plexin domain-containing protein 2 precursor	IPI00044369	60 kDa	14	23	12	8	21	16	19	10	19	0.1005	0.9728	1.9	1.0
PLXNB2 Plexin-B2 precursor	IPI00853369	205 kDa	6	3	0	4	0	2	4	2	1	0.7106	0.2042	0.5	0.2
PODXL Podocalyxin-like protein 1 precursor	IPI00299116	56 kDa	43	45	37	39	40	42	44	38	41	0.2544	0.1483	1.1	0.9
PPIA Peptidyl-prolyl cis-trans isomerase A	IPI00419585	18 kDa	18	21	12	13	4	6	19	13	5	0.0347	0.0163	0.4	0.3
PPIB peptidylprolyl isomerase B precursor	IPI00646304	24 kDa	19	17	15	22	8	3	18	18	5	0.0896	0.0368	0.3	0.3
PPIC Peptidyl-prolyl cis-trans isomerase C	IPI00024129	23 kDa	4	2	5	5	1	0	3	5	1	0.0137	0.1463	0.1	0.2
PPL Perioplakin	IPI00298057	205 kDa	0	0	0	0	3	5	0	0	4	0.0524	0.0524	-	-
PPT1 Palmitoyl-protein thioesterase 1 precursor	IPI00002412	34 kDa	6	5	2	0	0	0	5	1	0	0.4226	0.0081	0.0	0.0
PPT2 Isoform 1 of Lysosomal thioesterase PPT2 precursor	IPI00021421	34 kDa	2	2	4	1	0	0	2	3	0	0.2413	0.0081	0.0	0.0
PRCP Lysosomal Pro-X carboxypeptidase precursor	IPI00001593	56 kDa	26	25	26	25	10	10	26	26	10	0.0027	0.0019	0.4	0.4
PRDX1 Peroxiredoxin-1	IPI00000874	22 kDa	29	19	12	13	9	5	24	13	7	0.1063	0.0834	0.6	0.3
PRDX2 Peroxiredoxin-2	IPI00027350	22 kDa	17	17	10	13	9	2	17	11	5	0.2596	0.0755	0.5	0.3
PRDX3 Thioredoxin-dependent peroxide reductase, mitochondrial	IPI00024919	28 kDa	4	3	2	3	0	1	3	3	1	0.1045	0.0461	0.2	0.2
PRDX5 Isoform of Mitochondrial Peroxiredoxin-5, mitochondrial	IPI00024915	22 kDa	8	7	3	0	2	1	8	2	2	0.9796	0.0212	1.0	0.2
PRDX6 Peroxiredoxin-6	IPI00220301	25 kDa	12	7	5	5	2	0	9	5	1	0.0642	0.0913	0.2	0.1
PRG2 Bone marrow proteoglycan precursor	IPI00010341	25 kDa	36	37	64	56	65	79	36	60	72	0.2682	0.0392	1.2	2.0
PRG4 Isoform A of Proteoglycan-4 precursor	IPI00024825	151 kDa	5	7	8	9	13	10	6	9	11	0.2981	0.1175	1.3	1.9



PRKCSH Glucosidase 2 subunit beta precursor	IPI00026154	59 kDa	17	21	14	13	18	15	19	14	16	0.1724	0.4064	1.2	0.9
PRND Prion-like protein doppel precursor	IPI00018275	20 kDa	4	2	3	0	2	1	3	2	2	0.9796	0.3567	1.0	0.6
PRNP Major prion protein precursor	IPI00022284	28 kDa	14	17	16	16	15	15	16	16	15	0.1979	0.7521	1.0	1.0
PROCR Endothelial protein C receptor precursor	IPI00009276	31 kDa	71	62	64	60	56	50	66	62	53	0.1248	0.1285	0.9	0.8
PROM1 Prominin-1 precursor	IPI00012540	97 kDa	56	53	70	70	35	48	55	70	42	0.0494	0.1962	0.6	0.8
PROM2 Isoform 1 of Prominin-2 precursor	IPI00295988	92 kDa	16	19	13	14	21	19	17	14	20	0.0320	0.2725	1.5	1.2
PROZ Isoform 1 of Vitamin K-dependent protein Z precursor	IPI00027843	45 kDa	36	66	72	59	9	15	51	66	12	0.0176	0.1257	0.2	0.2
PRSS2 Protease serine 2 isoform B	IPI00011695	28 kDa	4	5	0	1	11	13	4	1	12	0.0087	0.0227	23.1	2.8
PRSS8 Prostatic precursor	IPI00329538	36 kDa	18	15	18	17	20	16	16	17	18	0.7679	0.6014	1.0	1.1
PRTN3 Myeloblastin precursor	IPI00027409	28 kDa	0	0	4	10	0	0	0	7	0	0.1399	-	0.0	-
PSAP Isoform Sap-mu-0 of Proactivator polypeptide precursor	IPI00012503	58 kDa	112	136	87	98	95	109	124	93	102	0.4201	0.2692	1.1	0.8
PSCA Prostate stem cell antigen precursor	IPI00013446	13 kDa	38	28	46	37	34	36	33	41	35	0.2920	0.7287	0.9	1.1
PSMB5 29 kDa protein	IPI00375704	29 kDa	5	8	0	4	1	0	6	2	1	0.5515	0.0746	0.3	0.1
PSMB6 Proteasome subunit beta type-6 precursor	IPI00000811	25 kDa	4	7	4	4	0	0	5	4	0	0.0001	0.0895	0.0	0.0
PTER Phosphotriesterase-related protein	IPI00100933	39 kDa	5	2	1	1	0	0	3	1	0	0.0001	0.1357	0.0	0.0
PTGDS Prostaglandin-H2 D-isomerase precursor	IPI00013179	21 kDa	159	132	130	142	256	261	146	136	259	0.0026	0.0149	1.9	1.8
PTGFRN Prostaglandin F2 receptor negative regulator precursor	IPI00022048	99 kDa	0	1	2	3	0	0	1	3	0	0.0340	0.4226	0.0	0.0
PTGR1 NADP-dependent leukotriene B4 12-hydroxydehydratase	IPI00292657	36 kDa	14	8	10	11	3	8	11	10	5	0.1595	0.2696	0.5	0.5
PTK7 PTK7 protein tyrosine kinase 7 isoform c precursor	IPI00168813	104 kDa	7	4	1	2	0	0	6	2	0	0.0905	0.0727	0.0	0.0
PTPN13 Isoform 3 of Tyrosine-protein phosphatase non-receptor type 13	IPI00006714	275 kDa	1	3	0	0	6	5	2	0	5	0.0002	0.0661	-	2.6
PTPRF Receptor-type tyrosine-protein phosphatase F precursor	IPI00107831	212 kDa	2	6	1	3	4	1	4	2	3	0.7693	0.6116	1.3	0.7
PTPRG Isoform 1 of Receptor-type tyrosine-protein phosphatase G	IPI00011651	162 kDa	2	3	11	10	0	1	3	10	1	0.0030	0.0723	0.1	0.2
PTPRJ Receptor-type tyrosine-protein phosphatase eta precursor	IPI00290328	152 kDa	64	56	52	40	59	72	60	46	66	0.1483	0.5042	1.4	1.1
PTPRK Isoform 1 of Receptor-type tyrosine-protein phosphatase K	IPI00015756	162 kDa	2	6	7	9	2	3	4	8	3	0.0346	0.5099	0.3	0.6
PTPRM Receptor-type tyrosine-protein phosphatase mu precursor	IPI00293849	164 kDa	6	6	3	4	1	3	6	4	2	0.3270	0.0686	0.6	0.4
PTPRS Isoform PTPS of Receptor-type tyrosine-protein phosphatase S	IPI00289831	217 kDa	22	26	20	30	14	15	24	25	15	0.1711	0.0553	0.6	0.6
Putative uncharacterized protein	IPI00785200	25 kDa	185	164	168	170	270	257	174	169	263	0.0048	0.0184	1.6	1.5
PVR Isoform Beta of Poliovirus receptor precursor	IPI00219425	40 kDa	65	78	76	84	83	64	71	80	73	0.5716	0.8692	0.9	1.0
PVRL1 Isoform Delta of Poliovirus receptor-related protein 1	IPI00003648	57 kDa	8	4	10	4	2	2	6	7	2	0.2258	0.2085	0.3	0.4
PVRL2 Isoform Delta of Poliovirus receptor-related protein 2	IPI00022661	58 kDa	38	32	29	33	22	26	35	31	24	0.1414	0.0924	0.8	0.7
PVRL4 Poliovirus receptor-related protein 4 precursor	IPI00043992	55 kDa	34	18	33	35	25	23	26	34	24	0.0311	0.8359	0.7	0.9
PYGM Glycogen phosphorylase, muscle form	IPI00218130	97 kDa	0	3	1	1	2	2	2	1	2	0.0007	0.6973	2.1	1.4
QPCT Glutaminyl-peptide cyclotransferase precursor	IPI00003919	41 kDa	96	85	137	152	89	98	90	144	93	0.0291	0.7124	0.6	1.0
QPR1 Nicotinate-nucleotide pyrophosphorylase	IPI00300086	31 kDa	12	12	7	3	0	0	12	5	0	0.1346	0.0000	0.0	0.0
QSOX1 Isoform 1 of Sulfhydryl oxidase 1 precursor	IPI00003590	83 kDa	70	51	84	78	39	35	60	81	37	0.0059	0.1314	0.5	0.6
RAB10 Ras-related protein Rab-10	IPI00016513	23 kDa	5	13	5	8	4	4	9	7	4	0.2441	0.3829	0.6	0.5
RAB11B Ras-related protein Rab-11B	IPI00020436	24 kDa	5	0	2	3	2	1	2	3	2	0.3230	0.7866	0.6	0.7
RAB13 Ras-related protein Rab-13	IPI00016373	23 kDa	4	3	0	3	2	0	3	2	1	0.8342	0.1936	0.7	0.3
RAB1B Ras-related protein Rab-1B	IPI00008964	22 kDa	10	6	0	7	0	0	8	4	0	0.4226	0.0492	0.0	0.0
RAB21 Ras-related protein Rab-21	IPI00007755	24 kDa	1	4	2	2	2	0	3	2	1	0.4618	0.4885	0.5	0.4
RAB35 Ras-related protein Rab-35	IPI00300096	23 kDa	7	0	0	7	0	0	4	4	0	0.4226	0.4226	0.0	0.0
RAB5C Ras-related protein Rab-5C	IPI00016339	23 kDa	5	4	3	2	1	1	4	3	1	0.1089	0.0142	0.4	0.2
RAB7A Ras-related protein Rab-7a	IPI00016342	23 kDa	4	3	0	2	1	0	3	1	1	0.7192	0.0481	0.5	0.2
RAC1 Isoform A of Ras-related C3 botulinum toxin substrate 1	IPI00010271	21 kDa	8	9	12	11	6	4	9	12	5	0.0086	0.0302	0.4	0.6
RALB Ras-related protein Ral-B precursor	IPI00004397	23 kDa	0	2	0	3	2	0	1	2	1	0.8342	0.9524	0.7	1.1
RAP1A Ras-related protein Rap-1A precursor	IPI00019345	21 kDa	5	6	3	8	4	4	5	6	4	0.6425	0.2244	0.8	0.8
RARRES1 Isoform 2 of Retinoic acid receptor responder protein 1	IPI00410240	33 kDa	0	0	29	35	3	0	0	32	2	0.0146	0.4226	0.1	-



RARRES2 Retinoic acid receptor responder protein 2 precursor	IPI00019176	19 kDa	7	13	11	7	7	1	10	9	4	0.2564	0.2588	0.4	0.4
RBP2 Retinol-binding protein II, cellular	IPI00419986	16 kDa	1	1	0	0	2	1	1	0	2	0.1009	0.4467	-	1.5
RBP4 Plasma retinol-binding protein precursor	IPI00022420	23 kDa	96	90	53	76	77	92	93	64	85	0.2737	0.4186	1.3	0.9
RBP5 Retinol-binding protein III, cellular	IPI00219782	16 kDa	5	7	5	1	2	0	6	3	1	0.4798	0.0912	0.3	0.2
RDX Radixin isoform b	IPI00017367	71 kDa	48	38	53	39	52	44	43	46	48	0.8464	0.5190	1.0	1.1
RECK Reversion-inducing cysteine-rich protein with Kazal n	IPI00028082	106 kDa	1	1	3	0	0	0	1	2	0	0.4226	0.0081	0.0	0.0
REG1A Lithostathine-1-alpha precursor	IPI00009027	19 kDa	83	62	76	82	145	130	72	79	138	0.0189	0.0370	1.7	1.9
REG1B Lithostathine-1-beta precursor	IPI00009197	19 kDa	0	0	0	0	84	62	0	0	73	0.0208	0.0208	-	-
RELT Tumor necrosis factor receptor superfamily member	IPI00064377	46 kDa	20	22	14	9	12	10	21	12	11	0.8192	0.0196	0.9	0.5
RETN Resistin precursor	IPI00006988	11 kDa	18	19	14	12	19	26	18	13	22	0.1260	0.4041	1.7	1.2
RGMA Isoform 2 of Repulsive guidance molecule A precursor	IPI00015049	53 kDa	0	0	2	1	0	0	0	2	0	0.1004	-	0.0	-
RHOA Transforming protein RhoA precursor	IPI00478231	22 kDa	16	11	7	11	2	3	13	9	3	0.0826	0.0459	0.3	0.2
RHOF Isoform 1 of Rho-related GTP-binding protein RhoF	IPI00307458	24 kDa	6	3	1	0	0	0	4	1	0	0.4226	0.0953	0.0	0.0
RNASE1 Ribonuclease pancreatic precursor	IPI00014048	18 kDa	291	291	281	366	469	503	291	324	486	0.0725	0.0078	1.5	1.7
RNASE4 Ribonuclease 4 precursor	IPI00029699	17 kDa	5	3	3	3	2	1	4	3	2	0.1167	0.1666	0.5	0.4
RNASE6 Ribonuclease K6 precursor	IPI00004114	17 kDa	1	3	1	0	2	2	2	1	2	0.0901	0.9418	4.1	1.0
RNASE7 Ribonuclease 7 precursor	IPI00000270	17 kDa	0	1	0	3	0	0	1	2	0	0.4226	0.4226	0.0	0.0
RNASF2 Isoform 1 of Ribonuclease T2 precursor	IPI00414896	29 kDa	44	23	31	23	34	16	34	27	25	0.8831	0.6018	0.9	0.7
RNF13 RING finger protein 13	IPI00151036	43 kDa	2	4	1	0	2	0	3	1	1	0.6862	0.2630	2.1	0.3
RNF167 E3 ubiquitin-protein ligase RNF167 precursor	IPI00023511	38 kDa	5	2	0	0	1	0	3	0	1	0.4226	0.1985	-	0.2
RNH1 Ribonuclease inhibitor	IPI00550069	50 kDa	4	4	3	4	0	1	4	4	1	0.0495	0.0295	0.1	0.1
ROBO4 Isoform 1 of Roundabout homolog 4 precursor	IPI00103871	107 kDa	161	140	158	151	55	49	150	154	52	0.0018	0.0117	0.3	0.3
ROR1 receptor tyrosine kinase-like orphan receptor 1 isoform	IPI00644416	44 kDa	11	6	13	20	4	1	8	16	3	0.0733	0.1919	0.2	0.3
ROR2 Tyrosine-protein kinase transmembrane receptor RC	IPI00304999	105 kDa	13	14	8	12	11	8	14	10	9	0.6961	0.1365	0.9	0.7
RP11-151A6.2 hypothetical protein LOC87769	IPI00042295	39 kDa	2	3	2	0	2	4	3	1	3	0.2794	0.6646	3.1	1.2
RPS27A;UBC;UBB ubiquitin and ribosomal protein S27a precursor	IPI00179330	18 kDa	133	141	94	121	105	160	137	108	132	0.5090	0.8795	1.2	1.0
RPS6 40S ribosomal protein S6	IPI00021840	29 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
RRAS2 Ras-related protein R-Ras2 precursor	IPI00012512	23 kDa	2	2	1	2	1	2	2	2	2	0.9429	0.4122	1.0	0.7
RTN4R Reticulon-4 receptor precursor	IPI00289204	51 kDa	8	1	3	2	0	0	5	3	0	0.0417	0.3317	0.0	0.0
RTN4RL2 Reticulon-4 receptor-like 2 precursor	IPI00328746	46 kDa	30	29	25	35	15	12	29	30	14	0.0851	0.0135	0.4	0.5
S100A11 Protein S100-A11	IPI00013895	12 kDa	14	14	4	9	10	9	14	7	9	0.4462	0.0186	1.4	0.7
S100A6 Protein S100-A6	IPI00027463	10 kDa	5	13	4	5	7	3	9	5	5	0.9177	0.4637	1.0	0.6
S100A7 Protein S100-A7	IPI00219806	11 kDa	11	17	19	19	1	0	14	19	1	0.0010	0.0515	0.0	0.0
S100A8 Protein S100-A8	IPI00007047	11 kDa	17	21	48	47	19	18	19	47	18	0.0004	0.8626	0.4	1.0
S100A9 Protein S100-A9	IPI00027462	13 kDa	14	19	41	52	14	16	17	47	15	0.0275	0.6082	0.3	0.9
S100P Protein S100-P	IPI00017526	10 kDa	4	5	2	3	1	3	4	3	2	0.7366	0.2346	0.8	0.5
SAA4 Serum amyloid A-4 protein precursor	IPI00019399	15 kDa	0	1	2	0	0	0	1	1	0	0.4226	0.4226	0.0	0.0
SCARB2 Lysosome membrane protein 2	IPI00217766	54 kDa	4	7	2	3	2	1	5	3	2	0.3230	0.1778	0.6	0.3
SCGB1A1 Uteroglobin precursor	IPI00006705	10 kDa	12	14	20	14	19	30	13	17	24	0.3803	0.1869	1.4	1.9
SCGB1D2 Secretoglobulin family 1D member 2 precursor	IPI00001469	10 kDa	2	2	4	3	1	1	2	4	1	0.0447	0.0307	0.3	0.5
SCIN Isoform 1 of Adseverin	IPI00002606	80 kDa	5	7	0	1	3	1	6	1	2	0.3070	0.1414	4.2	0.4
SCNN1G Amiloride-sensitive sodium channel subunit gamma	IPI00016450	74 kDa	1	3	3	3	1	0	2	3	1	0.0424	0.2798	0.2	0.3
SCPEP1 Isoform 1 of Retinoid-inducible serine carboxypeptidase	IPI00012426	51 kDa	35	28	11	11	17	10	31	11	13	0.6051	0.0627	1.2	0.4
SCUBE1 SCUBE1 protein	IPI00395866	37 kDa	7	2	5	6	2	9	5	6	5	0.9216	0.8643	0.9	1.2
SCUBE2 Isoform 1 of Signal peptide, CUB and EGF-like domain	IPI00024880	110 kDa	7	6	7	5	7	13	7	6	10	0.4097	0.4289	1.5	1.5
SDC4 Syndecan-4 precursor	IPI00011564	22 kDa	38	42	23	31	65	65	40	27	65	0.0103	0.0054	2.4	1.6
SDCBP Syntenin-1	IPI00299086	32 kDa	20	10	13	11	12	11	15	12	11	0.5762	0.5461	0.9	0.8

SDF4 45 kDa calcium-binding protein precursor	IPI00106646	42 kDa	19	14	13	14	1	0	17	14	1	0.0064	0.0262	0.0	0.0
SDK1 Isoform 3 of Protein sidekick-1 precursor	IPI00383951	240 kDa	2	2	3	0	1	0	2	2	1	0.5998	0.1062	0.3	0.3
SECTM1 Secreted and transmembrane protein 1 precursor	IPI00170635	27 kDa	79	76	119	105	99	102	78	112	101	0.2624	0.0087	0.9	1.3
SELENBP1 Selenium-binding protein 1	IPI00012303	52 kDa	16	12	8	14	12	10	14	11	11	0.8704	0.3117	0.9	0.8
SELL L-selectin precursor	IPI00218795	44 kDa	0	1	2	4	1	2	1	3	2	0.3171	0.2608	0.5	3.2
SEMA5A Semaphorin-5A precursor	IPI00013880	121 kDa	7	10	4	10	4	8	9	7	6	0.7345	0.3350	0.8	0.7
SEMG1 Isoform 1 of Semenogelin-1 precursor	IPI00023020	52 kDa	0	1	191	204	19	13	1	197	16	0.0016	0.0353	0.1	31.6
SEMG2 Semenogelin-2 precursor	IPI00025415	65 kDa	1	0	230	208	29	19	1	219	24	0.0036	0.0379	0.1	40.0
SERPINA1 Isoform 1 of Alpha-1-antitrypsin precursor	IPI00553177	47 kDa	438	431	414	419	489	485	434	417	487	0.0019	0.0049	1.2	1.1
SERPINA3 Alpha-1-antichymotrypsin precursor	IPI00550991	51 kDa	203	211	144	152	153	199	207	148	176	0.3552	0.3128	1.2	0.8
SERPINA4 Kallistatin precursor	IPI00328609	49 kDa	12	12	17	10	1	2	12	14	2	0.0691	0.0025	0.1	0.1
SERPINA5 Plasma serine protease inhibitor precursor	IPI00007221	46 kDa	155	152	126	128	113	100	153	127	107	0.0950	0.0210	0.8	0.7
SERPINA6 Corticosteroid-binding globulin precursor	IPI00027482	45 kDa	30	23	41	32	32	30	26	37	31	0.3477	0.3389	0.8	1.2
SERPINA7 Thyroxine-binding globulin precursor	IPI00292946	46 kDa	62	60	59	67	68	97	61	63	82	0.3243	0.2744	1.3	1.3
SERPINB1 Leukocyte elastase inhibitor	IPI00027444	43 kDa	7	5	11	16	6	6	6	13	6	0.1061	0.9257	0.5	1.0
SERPINB12 SERPINB12 protein	IPI00643202	48 kDa	4	4	23	18	1	1	4	20	1	0.0210	0.0055	0.1	0.3
SERPINB3 Isoform 1 of Serpin B3	IPI00022204	45 kDa	19	14	43	43	2	0	17	43	1	0.0007	0.0315	0.0	0.1
SERPINB3 SCCA2/SCCA1 fusion protein isoform 1	IPI00896442	45 kDa	0	0	39	43	0	0	0	41	0	0.0027	-	0.0	-
SERPINB6 Putative uncharacterized protein DKFZp686I042	IPI00413451	46 kDa	2	1	2	2	0	0	2	2	0	0.0001	0.1357	0.0	0.0
SERPINF1 Pigment epithelium-derived factor precursor	IPI00006114	46 kDa	11	10	8	10	1	1	10	9	1	0.0125	0.0018	0.1	0.1
SERPINF2 SERPINF2 protein	IPI00029863	55 kDa	14	14	34	21	7	5	14	27	6	0.0844	0.0062	0.2	0.4
SERPING1 Plasma protease C1 inhibitor precursor	IPI00291866	55 kDa	273	312	277	320	259	239	293	299	249	0.1665	0.1799	0.8	0.9
SERPINI1 Neuroserpin precursor	IPI00016150	46 kDa	12	6	13	13	9	18	9	13	14	0.9341	0.5029	1.0	1.5
SEZGL2 Isoform 3 of Seizure 6-like protein 2 precursor	IPI00018276	92 kDa	11	16	4	13	11	8	13	9	9	0.9411	0.3178	1.0	0.7
SFN Isoform 1 of 14-3-3 protein sigma	IPI00013890	28 kDa	5	3	2	0	0	2	4	1	1	0.9932	0.1811	1.0	0.3
SGSH N-sulphoglucosamine sulphohydrolase precursor	IPI00019988	57 kDa	43	50	33	37	0	2	47	35	1	0.0052	0.0061	0.0	0.0
SH3BGRL3 SH3 domain-binding glutamic acid-rich-like prote	IPI00025318	13 kDa	0	2	2	0	4	0	1	1	2	0.6862	0.6686	2.1	2.2
SH3BGRL3 SH3 domain-binding glutamic acid-rich-like prot	IPI00746352	10 kDa	19	22	18	14	36	26	21	16	31	0.1169	0.1958	1.9	1.5
SHBG Isoform 1 of Sex hormone-binding globulin precursor	IPI00023019	44 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
SHISA2 Protein shisa-2 homolog precursor	IPI00244512	31 kDa	1	2	0	0	1	2	0	1	0.0002	0.3292	-	0.7	
SHISA5 Isoform 1 of Protein shisa-5 precursor	IPI00166039	26 kDa	12	12	6	7	11	13	12	7	12	0.0386	0.9605	1.8	1.0
SHMT1 Isoform 1 of Serine hydroxymethyltransferase, cytc	IPI00002519	53 kDa	6	4	2	1	1	0	5	2	1	0.3149	0.0598	0.3	0.1
SIAE Isoform 1 of Sialate O-acetyltransferase precursor	IPI00010949	58 kDa	54	40	34	35	14	15	47	35	15	0.0014	0.0437	0.4	0.3
SIRPA signal-regulatory protein alpha precursor	IPI00332887	55 kDa	68	56	58	88	80	82	62	73	81	0.6515	0.0940	1.1	1.3
SIRPB1 Isoform 1 of Signal regulatory protein beta-1 precu	IPI00299724	43 kDa	32	35	22	35	57	42	34	29	50	0.1739	0.1787	1.7	1.5
SIRPB2 Isoform 1 of Signal-regulatory protein beta-2 precu	IPI00552528	37 kDa	10	4	2	3	1	0	7	3	1	0.1081	0.1597	0.2	0.1
SLC12A1 Solute carrier family 12 member 1	IPI00443898	121 kDa	167	162	85	67	140	191	164	76	165	0.0809	0.9704	2.2	1.0
SLC12A3 Solute carrier family 12 member 3	IPI00216438	113 kDa	47	59	32	39	10	17	53	36	14	0.0524	0.0312	0.4	0.3
SLC13A2 Solute carrier family 13 member 2	IPI00011981	64 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
SLC23A1 Isoform 2 of Solute carrier family 23 member 1	IPI00220368	65 kDa	0	1	8	5	0	0	1	7	0	0.0536	0.4226	0.0	0.0
SLC26A4 Pendrin	IPI00012842	86 kDa	2	3	0	2	0	2	3	1	1	0.9819	0.2822	1.0	0.4
SLC2A5 Solute carrier family 2, facilitated glucose transport	IPI00027452	55 kDa	7	2	8	9	0	0	5	9	0	0.0023	0.2187	0.0	0.0
SLC38A10 Isoform 1 of Putative sodium-coupled neutral ar	IPI00443799	120 kDa	2	1	1	0	0	0	2	1	0	0.4226	0.1357	0.0	0.0
SLC3A1 Neutral and basic amino acid transport protein rBA	IPI00029268	79 kDa	1	2	0	0	0	0	2	0	0	-	0.0574	-	0.0
SLC44A2 Isoform 1 of Choline transporter-like protein 2	IPI00549521	80 kDa	16	16	12	7	18	15	16	9	16	0.1146	0.7270	1.7	1.0
SLC44A4 Isoform 2 of Choline transporter-like protein 4	IPI00641073	79 kDa	8	30	13	25	20	26	19	19	23	0.6135	0.7792	1.2	1.2
SLC5A1 SLC5A1 protein (Fragment)	IPI00010866	74 kDa	0	0	10	5	0	0	0	7	0	0.0776	-	0.0	-

SLC5A10 Isoform 1 of Sodium/glucose cotransporter 5	IPI00441079	64 kDa	0	0	15	19	0	0	0	17	0	0.0127	-	0.0	-
SLC9A3R1 Ezrin-radixin-moesin-binding phosphoprotein 5	IPI00003527	39 kDa	16	9	32	39	8	11	12	36	9	0.0232	0.4857	0.3	0.7
SLIT2 Isoform 1 of Slit homolog 2 protein precursor	IPI00006288	170 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
SLK Isoform 1 of STE20-like serine/threonine-protein kinase	IPI00022827	143 kDa	1	5	1	1	7	8	3	1	7	0.0057	0.1801	6.7	2.3
SLPI Antileukoproteinase precursor	IPI00008580	14 kDa	6	7	7	6	6	4	6	7	5	0.1535	0.1786	0.7	0.8
SLURP1 Secreted Ly-6/uPAR-related protein 1 precursor	IPI00022620	11 kDa	17	19	22	20	28	38	18	21	33	0.1554	0.1047	1.6	1.8
SMPD1 sphingomyelin phosphodiesterase 1, acid lysosomal	IPI00218784	65 kDa	1	2	1	2	0	0	2	2	0	0.0905	0.0574	0.0	0.0
SNCG Gamma-synuclein	IPI00297714	13 kDa	1	1	0	0	2	1	1	0	2	0.1009	0.4467	-	1.5
SNX18 Sorting nexin-18	IPI00045219	69 kDa	4	2	2	1	1	2	3	2	2	0.9559	0.3436	1.0	0.6
SOD1 Superoxide dismutase	IPI00218733	16 kDa	12	9	3	2	2	2	10	3	2	0.5018	0.0308	0.8	0.2
SOD3 Extracellular superoxide dismutase [Cu-Zn] precursor	IPI00027827	26 kDa	25	26	29	31	7	10	26	30	8	0.0081	0.0081	0.3	0.3
SORD Sorbitol dehydrogenase	IPI00216057	38 kDa	19	10	11	7	4	2	15	9	3	0.1074	0.1390	0.4	0.2
SORL1 Sortilin-related receptor precursor	IPI00022608	248 kDa	150	127	111	108	86	107	138	109	97	0.3600	0.1167	0.9	0.7
SORT1 Sortilin precursor	IPI00217882	92 kDa	1	2	2	0	1	0	2	1	1	0.7113	0.2630	0.5	0.3
sp_ALBU_BOVIN	IPIsp_ALBU_BOVI	69 kDa	255	257	256	240	431	399	256	248	415	0.0113	0.0100	1.7	1.6
sp_ANT3_HUMAN	IPIsp_ANT3_HUM	53 kDa	38	29	37	43	56	68	34	40	62	0.0819	0.0629	1.5	1.8
sp_B2MG_HUMAN	IPIsp_B2MG_HUM	14 kDa	52	57	49	46	61	85	54	47	73	0.1725	0.2777	1.5	1.3
sp_K2M2_SHEEP	IPIsp_K2M2_SHEE	54 kDa	0	6	0	0	0	73	3	0	36	0.4226	0.4569	-	12.2
sp_PEPa_PIG	IPIsp_PEPa_PIG	41 kDa	5	2	1	3	1	6	3	2	4	0.6148	0.9129	1.8	1.1
sp_TRYP_PIG	IPIsp_TRYP_PIG	24 kDa	605	537	586	562	604	526	571	574	565	0.8482	0.9158	1.0	1.0
SPARCL1 15 kDa protein	IPI00793166	15 kDa	0	1	13	3	6	5	1	8	5	0.6579	0.0103	0.7	10.9
SPARCL1 SPARC-like protein 1 precursor	IPI00296777	75 kDa	43	53	97	86	63	63	48	92	63	0.0381	0.0937	0.7	1.3
SPINK1 Pancreatic secretory trypsin inhibitor precursor	IPI00020687	9 kDa	10	25	3	6	10	11	17	5	10	0.0701	0.4613	2.2	0.6
SPINT1 Isoform 2 of Kunitz-type protease inhibitor 1 precursor	IPI00011643	57 kDa	18	14	12	21	25	21	16	16	23	0.2803	0.1160	1.4	1.5
SPINT2 Kunitz-type protease inhibitor 2 precursor	IPI00011662	28 kDa	24	17	16	12	12	12	20	14	12	0.3331	0.1345	0.8	0.6
SPOCK2 Testican-2 precursor	IPI00006128	47 kDa	4	15	2	5	7	4	9	4	5	0.4465	0.5761	1.5	0.6
SPP1 Isoform A of Osteopontin precursor	IPI00021000	35 kDa	410	398	210	168	259	326	404	189	292	0.1213	0.0834	1.5	0.7
SPP1 Isoform C of Osteopontin precursor	IPI00218875	32 kDa	363	358	0	0	218	0	361	0	109	0.4226	0.1471	-	0.3
SPRR1A Cornifin-A	IPI00017987	10 kDa	4	10	5	4	3	3	7	5	3	0.1279	0.3843	0.7	0.5
SPRR2G Small proline-rich protein 2G	IPI00000849	8 kDa	1	2	3	1	1	1	2	2	1	0.4417	0.3292	0.5	0.7
SPRR3 Small proline-rich protein 3	IPI00082931	18 kDa	7	4	0	2	0	0	6	1	0	0.4226	0.0727	0.0	0.0
SRI Sorcin	IPI00027175	22 kDa	4	2	1	4	1	1	3	3	1	0.4297	0.1653	0.4	0.4
ST13 Hsc70-interacting protein	IPI00032826	41 kDa	2	2	0	1	0	0	2	1	0	0.4226	0.0081	0.0	0.0
ST6GAL1 Beta-galactoside alpha-2,6-sialyltransferase 1	IPI00013887	47 kDa	4	1	2	3	0	0	2	3	0	0.0340	0.2187	0.0	0.0
STOM Erythrocyte band 7 integral membrane protein	IPI00219682	32 kDa	8	9	7	9	4	5	9	8	5	0.0826	0.0217	0.6	0.6
SULF2 Isoform 1 of Extracellular sulfatase Sulf-2 precursor	IPI00297252	100 kDa	2	1	2	0	0	0	2	1	0	0.4226	0.1357	0.0	0.0
SUSD2 Sushi domain-containing protein 2 precursor	IPI00021302	90 kDa	23	19	23	28	6	5	21	26	5	0.0130	0.0146	0.2	0.3
TAGLN2 Transgelin-2	IPI00550363	22 kDa	5	5	2	3	1	1	5	3	1	0.0909	0.0007	0.4	0.2
TALDO1 Transaldolase	IPI00744692	38 kDa	0	1	7	6	0	0	1	7	0	0.0077	0.4226	0.0	0.0
TAOK1 Isoform 1 of Serine/threonine-protein kinase TAO1	IPI00002232	116 kDa	4	6	2	3	6	9	5	3	7	0.1117	0.3696	2.7	1.5
TBCA Tubulin-specific chaperone A	IPI00217236	13 kDa	4	5	0	4	2	1	4	2	2	0.8586	0.0978	0.8	0.4
TCTN3 Isoform 2 of Tectonic-3 precursor	IPI00737059	48 kDa	2	2	1	0	0	1	2	1	1	0.9932	0.1010	1.0	0.2
TF Serotransferrin precursor	IPI00022463	77 kDa	428	402	381	390	943	891	415	386	917	0.0025	0.0033	2.4	2.2
TFF1 Trefoil factor 1 precursor	IPI00022283	9 kDa	16	14	6	8	17	20	15	7	18	0.0360	0.2240	2.5	1.2
TFF2 Trefoil factor 2 precursor	IPI00010675	14 kDa	103	96	52	52	95	105	100	52	100	0.0119	0.9604	1.9	1.0
TFF3 trefoil factor 3 precursor	IPI00018909	14 kDa	23	35	21	18	32	35	29	19	34	0.0295	0.5308	1.7	1.2
TGFBR1 TGF-beta receptor type-1 precursor	IPI00005733	56 kDa	7	7	3	1	6	6	7	2	6	0.0806	0.1435	2.8	0.8

TGM3 Protein-glutamine gamma-glutamyltransferase E precursor	IPI00300376	77 kDa	0	0	1	2	0	3	0	2	2	0.9810	0.4226	1.0	-
TGM4 Protein-glutamine gamma-glutamyltransferase 4	IPI00290396	77 kDa	48	66	15	11	8	3	57	13	5	0.1136	0.0310	0.4	0.1
TGOLN2 Isoform TGN51 of Trans-Golgi network integral membrane protein	IPI00012545	51 kDa	5	6	6	6	14	8	5	6	11	0.3062	0.2510	1.7	2.0
THBD Thrombomodulin precursor	IPI00010737	60 kDa	11	10	12	12	6	9	10	12	7	0.0884	0.1701	0.6	0.7
THBS1 Thrombospondin-1 precursor	IPI00296099	129 kDa	26	28	24	32	14	9	27	28	11	0.0733	0.0338	0.4	0.4
THBS2 Thrombospondin-2 precursor	IPI00018769	130 kDa	1	2	0	1	3	3	2	1	3	0.0340	0.0540	6.3	2.0
THY1 Thy-1 membrane glycoprotein precursor	IPI00022892	18 kDa	19	16	16	12	20	13	18	14	16	0.6286	0.7743	1.2	0.9
TIMP1 Metalloproteinase inhibitor 1 precursor	IPI00032292	23 kDa	4	1	3	2	2	2	2	3	2	0.5018	0.9323	0.8	0.9
TIMP2 Metalloproteinase inhibitor 2 precursor	IPI00027166	24 kDa	23	12	7	14	6	3	17	11	4	0.2184	0.1418	0.4	0.3
TINAGL1 Isoform 1 of Tubulointerstitial nephritis antigen-like protein	IPI00005563	52 kDa	4	5	3	4	6	4	4	4	5	0.2501	0.5837	1.3	1.1
TLN1 Talin-1	IPI00298994	270 kDa	0	0	0	0	2	0	0	0	1	0.4226	0.4226	-	-
TMED1 Transmembrane emp24 domain-containing protein 1	IPI00009976	25 kDa	1	0	3	0	1	0	1	2	1	0.5998	0.9572	0.3	0.9
TMED3 Transmembrane emp24 domain-containing protein 3	IPI00604599	25 kDa	1	3	1	2	1	0	2	2	1	0.3075	0.2798	0.4	0.3
TMED7 Transmembrane emp24 domain-containing protein 7	IPI00032825	25 kDa	2	2	4	2	3	4	2	3	4	0.6428	0.0961	1.2	1.7
TMEM106B Transmembrane protein 106B	IPI00395903	31 kDa	41	31	22	11	2	6	36	17	4	0.1651	0.0273	0.3	0.1
TMEM132A Isoform 1 of Transmembrane protein 132A precursor	IPI00301865	110 kDa	10	10	6	7	0	0	10	7	0	0.0043	0.0004	0.0	0.0
TMEM149 Isoform 1 of Transmembrane protein 149 precursor	IPI00002910	38 kDa	10	7	2	4	10	8	8	3	9	0.0705	0.8367	2.8	1.0
TMSB4X Thymosin beta-4	IPI00220828	5 kDa	1	2	2	5	2	0	2	4	1	0.3090	0.7114	0.3	0.7
TNC Isoform 1 of Tenascin precursor	IPI00031008	241 kDa	5	18	13	13	9	11	11	13	10	0.0855	0.8298	0.7	0.9
TNFRSF12A Isoform 1 of Tumor necrosis factor receptor superfamily member 12A	IPI00010277	14 kDa	0	3	2	2	2	2	2	2	2	0.1562	0.6973	1.0	1.4
TNFRSF14 Tumor necrosis factor receptor superfamily member 14	IPI00024331	30 kDa	10	19	12	7	9	15	14	9	12	0.5838	0.7141	1.3	0.8
TNFRSF17 Tumor necrosis factor receptor superfamily member 17	IPI00293877	20 kDa	0	2	1	0	0	0	1	1	0	0.4226	0.4226	0.0	0.0
TNFRSF1B Isoform 1 of Tumor necrosis factor receptor superfamily member 1B	IPI00023501	48 kDa	8	11	11	12	18	24	10	12	21	0.1014	0.0795	1.8	2.1
TNFRSF8 Isoform Long of Tumor necrosis factor receptor superfamily member 8	IPI00006073	64 kDa	0	0	1	0	1	2	0	1	2	0.2794	0.0901	3.1	-
TNXB 456 kDa protein	IPI00644296	456 kDa	42	53	48	56	28	29	47	52	28	0.0303	0.0745	0.5	0.6
TPI1 Isoform 1 of Triosephosphate isomerase	IPI00465028	31 kDa	29	27	26	16	7	11	28	21	9	0.1695	0.0134	0.4	0.3
TPP1 Isoform 1 of Tripeptidyl-peptidase 1 precursor	IPI00298237	61 kDa	32	24	15	16	19	18	28	15	18	0.0158	0.1465	1.2	0.7
TPT1 Tumor protein, translationally-controlled 1	IPI00009943	22 kDa	2	2	3	1	0	0	2	2	0	0.1881	0.0081	0.0	0.0
TRHDE Thyrotropin-releasing hormone-degrading ectoenzyme	IPI00007798	117 kDa	35	38	33	36	10	12	36	35	11	0.0067	0.0054	0.3	0.3
TSG101 Isoform 1 of Tumor susceptibility gene 101 protein	IPI00018434	44 kDa	13	12	6	13	9	10	13	10	9	0.8679	0.0444	0.9	0.7
TSPAN1 Tetraspanin-1	IPI00030936	26 kDa	4	6	7	5	6	5	5	6	5	0.5228	0.6499	0.9	1.1
TSTA3 GDP-L-fucose synthetase	IPI00014361	36 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
TTN Isoform 2 of Titin	IPI00023283	3806 kDa	5	5	8	6	13	10	5	7	11	0.1909	0.0664	1.6	2.3
TTR Transthyretin precursor	IPI00022432	16 kDa	17	13	24	21	10	5	15	23	8	0.0361	0.1333	0.3	0.5
TUBA1C Tubulin alpha-1C chain	IPI00218343	50 kDa	4	0	1	0	0	1	2	1	1	0.9932	0.5707	1.0	0.3
TUBB2C Tubulin beta-2C chain	IPI00007752	50 kDa	6	2	4	2	0	4	4	3	2	0.7162	0.5925	0.7	0.5
TWSG1 Isoform 1 of Twisted gastrulation protein homolog	IPI00410487	25 kDa	4	3	2	3	8	9	3	3	8	0.0141	0.0119	3.1	2.5
TXN Thioredoxin	IPI00216298	12 kDa	6	5	4	6	2	4	5	5	3	0.3034	0.1917	0.6	0.6
TXNDC17 Thioredoxin domain-containing protein 17	IPI00646689	14 kDa	1	2	2	2	1	0	2	2	1	0.1071	0.2630	0.3	0.3
TXNDC5;MUTED Thioredoxin domain-containing protein 5	IPI00171438	48 kDa	11	11	11	8	2	3	11	9	3	0.0334	0.0040	0.3	0.2
TYRO3 Tyrosine-protein kinase receptor TYRO3 precursor	IPI00030887	97 kDa	2	0	1	0	0	3	1	1	2	0.5890	0.8566	3.0	1.3
UBA1 Ubiquitin-like modifier-activating enzyme 1	IPI00645078	118 kDa	6	8	3	4	0	1	7	4	1	0.0495	0.0296	0.1	0.1
UBE2D2 Ubiquitin-conjugating enzyme E2D 2 isoform 2	IPI00019932	14 kDa	0	2	1	0	0	0	1	1	0	0.4226	0.4226	0.0	0.0
UBE2L3 Ubiquitin-conjugating enzyme E2 L3	IPI00021347	18 kDa	1	2	1	4	0	0	2	3	0	0.2336	0.0574	0.0	0.0
UBE2N Ubiquitin-conjugating enzyme E2 N	IPI00003949	17 kDa	2	7	1	0	1	1	5	1	1	0.4030	0.2570	2.1	0.2
UBE2V1;TMEM189-UBE2V1 Isoform 1 of Ubiquitin-conjugating enzyme E2 V1	IPI00019599	26 kDa	4	1	1	0	2	0	2	1	1	0.6862	0.5544	2.1	0.5
UCHL1 Ubiquitin carboxyl-terminal hydrolase isozyme L1	IPI00018352	25 kDa	2	5	2	2	0	0	4	2	0	0.0001	0.1046	0.0	0.0

UEVLD Isoform 1 of Ubiquitin-conjugating enzyme E2 varia	IPI00746183	52 kDa	1	4	3	2	3	5	3	3	4	0.2819	0.4239	1.7	1.7
UMOD Isoform 1 of Uromodulin precursor	IPI00013945	70 kDa	1724	1921	1712	1938	1693	1907	1823	1825	1800	0.8856	0.8904	1.0	1.0
UNC5C Isoform 1 of Netrin receptor UNC5C precursor	IPI00293757	103 kDa	0	0	4	0	4	2	0	2	3	0.6775	0.1009	1.5	-
UPK2 Uroplakin-2 precursor	IPI00012113	19 kDa	4	2	0	4	2	4	3	2	3	0.6624	0.7657	1.6	1.2
VAMP8 Vesicle-associated membrane protein 8	IPI00030911	11 kDa	1	3	1	0	0	0	2	1	0	0.4226	0.1450	0.0	0.0
VASN Vasorin precursor	IPI00395488	72 kDa	139	153	145	146	133	126	146	146	129	0.0510	0.1697	0.9	0.9
VAT1 Synaptic vesicle membrane protein VAT-1 homolog	IPI00156689	42 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
VCAM1 Isoform 1 of Vascular cell adhesion protein 1 precu	IPI00018136	81 kDa	30	24	28	26	65	42	27	27	53	0.1472	0.1569	2.0	2.0
VCAN Isoform V0 of Versican core protein precursor	IPI00009802	373 kDa	16	16	11	10	7	9	16	10	8	0.1026	0.0150	0.7	0.5
VCL Isoform 1 of Vinculin	IPI00291175	117 kDa	11	17	7	6	0	2	14	7	1	0.0430	0.0598	0.2	0.1
VDAC1 Voltage-dependent anion-selective channel protei	IPI00216308	31 kDa	4	3	1	0	0	0	3	1	0	0.4226	0.0081	0.0	0.0
VIL1 Villin-1	IPI00218852	93 kDa	0	0	5	6	0	0	0	6	0	0.0063	-	0.0	-
VIM Vimentin	IPI00418471	54 kDa	0	0	19	6	0	0	0	13	0	0.1881	-	0.0	-
VMO1 Vitelline membrane outer layer protein 1 homolog	IPI00216914	22 kDa	58	68	39	52	12	16	63	45	14	0.0415	0.0130	0.3	0.2
VNN1 Pantetheinase precursor	IPI00030871	57 kDa	19	20	16	16	21	21	20	16	21	0.0037	0.0846	1.3	1.1
VPS25 Vacuolar protein-sorting-associated protein 25	IPI00031655	21 kDa	2	2	0	1	0	0	2	1	0	0.4226	0.0081	0.0	0.0
VPS28 Vacuolar protein sorting-associated protein 28 hom	IPI00007155	25 kDa	10	6	4	10	3	2	8	7	3	0.2797	0.1150	0.4	0.3
VPS37B Vacuolar protein sorting-associated protein 37B	IPI00002926	31 kDa	1	3	3	0	2	4	2	2	3	0.4751	0.4933	2.0	1.5
VPS37D Vacuolar protein sorting-associated protein 37D	IPI00374354	40 kDa	1	2	1	0	0	0	2	1	0	0.4226	0.0574	0.0	0.0
VPS4A Vacuolar protein sorting-associating protein 4A	IPI00411356	49 kDa	4	6	0	2	4	1	5	1	3	0.4767	0.4210	2.6	0.6
VPS4B Vacuolar protein sorting-associating protein 4B	IPI00182728	49 kDa	7	5	5	3	3	2	6	4	3	0.3551	0.1127	0.6	0.4
VSIG4 Isoform 1 of V-set and immunoglobulin domain-coni	IPI00027038	44 kDa	1	5	5	9	10	8	3	7	9	0.6097	0.1297	1.2	2.8
VSIG8 Isoform 1 of V-set and immunoglobulin domain-coni	IPI00376274	44 kDa	0	0	0	0	0	12	0	0	6	0.4226	0.4226	-	-
VTA1 Vacuolar protein sorting-associated protein VTA1 hoi	IPI00017160	34 kDa	12	7	11	8	10	5	9	9	8	0.5524	0.6366	0.8	0.8
VTN Vitronectin precursor	IPI00298971	54 kDa	52	55	35	41	48	39	53	38	44	0.4574	0.2005	1.1	0.8
VWA1 Isoform 1 of von Willebrand factor A domain-contai	IPI00396383	47 kDa	1	0	0	2	0	0	1	1	0	0.4226	0.4226	0.0	0.0
VWF von Willebrand factor precursor	IPI00023014	309 kDa	6	10	4	5	2	4	8	5	3	0.3314	0.1703	0.7	0.4
WBP2 WW domain-binding protein 2	IPI00032050	28 kDa	0	2	1	2	0	0	1	2	0	0.0905	0.4226	0.0	0.0
WDR1 Isoform 2 of WD repeat-containing protein 1	IPI00216256	58 kDa	2	1	0	2	0	1	2	1	1	0.7106	0.3180	0.5	0.3
WFDC2 Isoform 1 of WAP four-disulfide core domain prote	IPI00291488	13 kDa	98	110	59	62	86	90	104	61	88	0.0089	0.1221	1.4	0.8
WISP2 WNT1-inducible-signaling pathway protein 2 precu	IPI00022052	27 kDa	13	10	14	18	14	28	12	16	21	0.5231	0.3065	1.3	1.8
XPNPEP2 Xaa-Pro aminopeptidase 2 precursor	IPI00439344	76 kDa	7	14	6	7	3	2	11	7	3	0.0306	0.1501	0.4	0.3
YES1 Proto-oncogene tyrosine-protein kinase Yes	IPI00013981	61 kDa	2	2	1	1	0	1	2	1	1	0.4421	0.1010	0.5	0.2
YWHAB Isoform Long of 14-3-3 protein beta/alpha	IPI00216318	28 kDa	8	7	7	6	0	1	8	7	1	0.0161	0.0147	0.1	0.1
YWHAE 14-3-3 protein epsilon	IPI00000816	29 kDa	16	14	5	7	7	1	15	6	4	0.4938	0.0625	0.6	0.3
YWHAG 14-3-3 protein gamma	IPI00220642	28 kDa	8	9	5	9	0	0	9	7	0	0.0681	0.0012	0.0	0.0
YWHAQ 14-3-3 protein theta	IPI00018146	28 kDa	6	4	3	4	0	0	5	4	0	0.0169	0.0376	0.0	0.0
YWHAZ 14-3-3 protein zeta/delta	IPI00021263	28 kDa	13	14	7	11	8	2	14	9	5	0.3203	0.0908	0.5	0.4
ZNF749;RNASE2;HLA-DRB1;HLA-DRB4;LOC100133583;LOC:	IPI00019449	18 kDa	183	148	163	171	186	222	166	167	204	0.1832	0.2695	1.2	1.2
	IPI00387120	13 kDa	43	41	43	40	61	55	42	42	58	0.0404	0.0371	1.4	1.4
	IPI00783287	13 kDa	94	93	92	120	80	69	93	106	75	0.1722	0.0842	0.7	0.8
	IPI00829956	13 kDa	29	29	24	28	33	19	29	26	26	0.9989	0.7293	1.0	0.9
	IPI00387106	12 kDa	14	15	12	14	13	8	15	13	10	0.4836	0.2690	0.8	0.7
	IPI00398220	12 kDa	22	28	8	8	23	9	25	8	16	0.4117	0.3768	1.9	0.6
	IPI00816799	13 kDa	18	21	18	19	21	16	19	18	19	0.9461	0.7607	1.0	0.9
	IPI00385253	14 kDa	14	15	14	9	26	18	15	12	22	0.1460	0.2030	1.9	1.5
	IPI00876888	52 kDa	324	317	412	407	318	283	320	409	301	0.0249	0.3803	0.7	0.9

IPI00890703	12 kDa	10	13	12	10	11	13	11	11	12	0.4961	0.7713	1.1	1.1
IPI00735451	13 kDa	7	6	7	12	9	10	7	10	9	0.8125	0.0698	0.9	1.4
IPI00384404	13 kDa	19	31	34	61	37	31	25	47	34	0.4436	0.3037	0.7	1.4
IPI00883855	12 kDa	17	30	20	46	31	25	23	33	28	0.7348	0.6104	0.8	1.2
IPI00387101	12 kDa	18	28	13	14	26	6	23	14	16	0.8047	0.6160	1.2	0.7
IPI00387113	12 kDa	8	5	10	9	13	5	7	9	9	0.9750	0.6059	1.0	1.4
IPI00387025	12 kDa	5	7	5	5	6	10	6	5	8	0.3767	0.5487	1.4	1.3
IPI00387116	11 kDa	12	9	14	11	22	14	10	13	18	0.3268	0.2234	1.4	1.7
IPI00784519	25 kDa	180	150	162	159	235	246	165	161	241	0.0044	0.0409	1.5	1.5
IPI00384402	12 kDa	12	11	13	10	18	14	11	12	16	0.1895	0.1516	1.4	1.4
IPI00896424	9 kDa	6	5	3	3	2	2	5	3	2	0.0021	0.0217	0.7	0.4
IPI00827580	12 kDa	5	4	4	3	2	2	4	4	2	0.1180	0.0307	0.6	0.5
IPI00827839	12 kDa	5	10	10	11	15	8	7	10	11	0.8282	0.4807	1.1	1.5
IPI00827876	14 kDa	14	0	14	38	25	21	7	26	23	0.8509	0.1616	0.9	3.3
IPI00890733	11 kDa	6	3	1	2	3	4	4	2	4	0.0877	0.7006	2.4	0.8
IPI00453476	29 kDa	7	4	1	3	1	0	6	2	1	0.3180	0.0961	0.3	0.1
IPI00382436	11 kDa	0	6	3	2	12	14	3	3	13	0.0106	0.0856	5.0	4.3
IPI00827939	12 kDa	7	4	2	4	9	8	6	3	8	0.0524	0.2752	2.6	1.5
IPI00387109	13 kDa	2	3	0	2	3	3	3	1	3	0.1648	0.2056	3.1	1.2
IPI00387100	12 kDa	19	25	0	5	22	3	22	3	13	0.4117	0.4368	4.9	0.6
IPI00386131	14 kDa	1	4	4	6	4	0	3	5	2	0.3367	0.8925	0.4	0.8
IPI00384399	11 kDa	2	3	1	2	2	0	3	2	1	0.7382	0.2961	0.7	0.4
IPI00383717	24 kDa	0	51	0	0	105	86	26	0	95	0.0095	0.1241	-	3.7
IPI00387095	12 kDa	5	3	0	0	1	2	4	0	2	0.0901	0.1601	-	0.4
IPI00830035	13 kDa	0	0	5	3	0	0	0	4	0	0.0617	-	0.0	-
IPI00382539	14 kDa	0	0	1	1	3	0	0	1	2	0.7498	0.4226	1.6	-
IPI00642632	11 kDa	42	35	0	0	0	0	38	0	0	-	0.0081	-	0.0

**FEMALE**

Protein Name	Accession Number	Molecular Weight	H								t-test		PDAC/H	PDAC/CP	
			CP1	CP2	H1	H2	PDAC1	PDAC2	CP Mean	Mean	Mean	PDAC vs. H			PDAC vs. CP
- 22 kDa protein	IPI00219910	22 kDa	3	3	0	0	0	0	3	0	0	-	0.0049	-	0.0
- 54 kDa protein	IPI00375601	54 kDa	0	3	0	0	4	2	2	0	3	0.0468	0.5512	-	1.8
- 55 kDa protein	IPI00029863	55 kDa	19	21	12	11	6	5	20	11	5	0.0196	0.0062	0.5	0.3
cDNA FLD77778	IPI00876888	52 kDa	340	339	0	0	437	441	339	0	439	0.0000	0.0005	-	1.3
- Cold agglutinin FS-1 L-chain (Fragment)	IPI00827773	12 kDa	0	33	0	0	36	0	17	0	18	0.4226	0.9617	-	1.1
- REV25-2 (Fragment)	IPI00816794	15 kDa	8	8	0	0	0	7	8	0	4	0.4226	0.3334	-	0.4
A1BG Alpha-1B-glycoprotein	IPI00022895	54 kDa	123	123	42	26	195	200	123	34	198	0.0025	0.0009	5.8	1.6
A2LD1 AIG2-like domain-containing protein 1	IPI00900332	17 kDa	4	5	0	0	0	0	4	0	0	-	0.0049	-	0.0
A2M Alpha-2-macroglobulin	IPI00478003	163 kDa	54	37	49	39	31	24	45	44	27	0.1053	0.1929	0.6	0.6
A2ML1 Alpha-2-macroglobulin-like protein 1	IPI00419215	161 kDa	19	29	24	0	9	0	24	12	4	0.6070	0.0964	0.4	0.2
ABCB1 Multidrug resistance protein 1	IPI00027481	141 kDa	52	48	20	16	42	48	50	18	45	0.0161	0.3111	2.5	0.9
ABHD14B Isoform 1 of Abhydrolase domain-containing prc	IPI00063827	22 kDa	16	18	5	4	9	15	17	4	12	0.1484	0.2816	2.8	0.7
ABHD6;LOC643635;CAPS calcyphosine isoform b	IPI00103067	27 kDa	2	6	0	0	0	0	4	0	0	-	0.1751	-	0.0
ACAN aggrecan isoform 2 precursor	IPI00027377	250 kDa	44	30	31	18	27	14	37	24	21	0.7327	0.2346	0.8	0.6
ACE Isoform Somatic-1 of Angiotensin-converting enzyme	IPI00437751	150 kDa	37	28	0	0	9	13	32	0	11	0.0370	0.0530	-	0.3
ACE2 Isoform 1 of Angiotensin-converting enzyme 2	IPI00465187	92 kDa	12	0	0	0	0	0	6	0	0	-	0.4226	-	0.0



ACP2 Lysosomal acid phosphatase	IPI00003807	48 kDa	57	59	23	33	61	56	58	28	58	0.0310	0.9061	2.1	1.0
ACPP Isoform 2 of Prostatic acid phosphatase	IPI00289983	48 kDa	60	69	41	38	15	12	65	39	13	0.0056	0.0087	0.3	0.2
ACTG1 Actin, cytoplasmic 2	IPI00021440	42 kDa	143	139	337	372	82	106	141	354	94	0.0066	0.0622	0.3	0.7
ACTN1 Alpha-actinin-1	IPI00013508	103 kDa	0	0	49	27	0	0	0	38	0	0.0711	-	0.0	-
ACTN4 Alpha-actinin-4	IPI00013808	105 kDa	27	25	54	33	26	6	26	44	16	0.2046	0.4219	0.4	0.6
ACTR2 Actin-related protein 2	IPI00005159	45 kDa	0	0	6	12	0	0	0	9	0	0.1080	-	0.0	-
ACTR3 Actin-related protein 3	IPI00028091	47 kDa	3	3	6	0	0	0	3	3	0	0.4226	0.0049	0.0	0.0
ACVR1B Isoform 1 of Activin receptor type-1B	IPI00005732	57 kDa	15	18	17	19	15	13	17	18	14	0.0802	0.2966	0.8	0.8
ACY1 cDNA FLJ60317, highly similar to Aminoacylase-1	IPI00009268	56 kDa	16	17	0	0	5	4	17	0	4	0.0270	0.0059	-	0.3
ACY3 Aspartoacylase-2	IPI00063025	35 kDa	2	2	0	0	0	0	2	0	0	-	0.0049	-	0.0
ADAMTSL2 ADAMTS-like protein 2	IPI00644346	105 kDa	9	3	8	4	5	0	6	6	2	0.3764	0.4210	0.4	0.4
AFM Afamin	IPI00019943	69 kDa	26	40	27	20	109	85	33	24	97	0.0278	0.0452	4.1	2.9
AGA N(4)-(beta-N-acetylglucosaminy)-L-asparaginase	IPI00026259	37 kDa	15	12	9	12	12	18	13	11	15	0.2909	0.6228	1.4	1.1
AGRN Agrin	IPI00374563	215 kDa	114	84	38	34	58	63	99	36	61	0.0143	0.1256	1.7	0.6
AGT Angiotensinogen	IPI00032220	53 kDa	21	21	0	0	6	7	21	0	7	0.0043	0.0010	-	0.3
AHCY Adenosylhomocysteinase	IPI00012007	48 kDa	9	12	0	0	0	0	10	0	0	-	0.0147	-	0.0
AHNAK Neuroblast differentiation-associated protein AHN	IPI00021812	629 kDa	39	23	105	57	0	0	31	81	0	0.0777	0.0603	0.0	0.0
AHSG Alpha-2-HS-glycoprotein	IPI00022431	39 kDa	185	194	169	176	170	156	189	172	163	0.3671	0.0891	0.9	0.9
AIF1L Isoform 1 of Ionized calcium-binding adapter molecu	IPI00034205	17 kDa	3	5	0	3	0	0	4	1	0	0.4226	0.0419	0.0	0.0
AKR1A1 Alcohol dehydrogenase [NADP+]	IPI00220271	37 kDa	10	3	0	0	0	0	7	0	0	-	0.1761	-	0.0
AKR1B1 Aldose reductase	IPI00413641	36 kDa	13	12	7	4	4	6	12	6	5	0.7364	0.0300	0.9	0.4
AKR1B10 Aldo-keto reductase family 1 member B10	IPI00105407	36 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
ALB Isoform 1 of Serum albumin	IPI00745872	69 kDa	3400	3941	4296	4207	3336	3336	3670	4251	3336	0.0024	0.3415	0.8	0.9
ALCAM Isoform 1 of CD166 antigen	IPI00015102	65 kDa	0	0	0	0	14	13	0	0	13	0.0006	0.0006	-	-
ALDH1A1 Retinal dehydrogenase 1	IPI00218914	55 kDa	9	12	3	0	2	7	10	2	5	0.4007	0.1725	2.8	0.5
ALDH7A1 aldehyde dehydrogenase 7 family, member A1	IPI00221234	58 kDa	3	0	0	0	0	2	2	0	1	0.4226	0.8831	-	0.8
ALDH9A1 aldehyde dehydrogenase 9A1	IPI00479877	56 kDa	4	2	0	0	0	0	3	0	0	-	0.0654	-	0.0
ALDOA Fructose-bisphosphate aldolase A	IPI00465439	39 kDa	14	7	35	33	2	7	10	34	5	0.0075	0.3121	0.1	0.5
ALDOB Fructose-bisphosphate aldolase B	IPI00218407	39 kDa	51	35	22	18	11	15	43	20	13	0.1595	0.0737	0.7	0.3
ALPI Intestinal alkaline phosphatase	IPI00298622	57 kDa	0	0	0	0	6	6	0	0	6	0.0006	0.0006	-	-
AMBP Protein AMBP	IPI00022426	39 kDa	1683	1879	788	998	2611	3035	1781	893	2823	0.0147	0.0467	3.2	1.6
AMY1A;AMY1C;AMY2A;AMY1B Alpha-amylase 1	IPI00300786	58 kDa	548	521	215	0	403	398	534	108	401	0.1127	0.0106	3.7	0.7
AMY1A;AMY1C;AMY2A;AMY1B Pancreatic alpha-amylase	IPI00025476	58 kDa	644	617	250	223	454	454	631	237	454	0.0038	0.0056	1.9	0.7
AMY2B Alpha-amylase 2B	IPI00021447	58 kDa	548	529	0	189	391	392	538	95	391	0.0884	0.0043	4.1	0.7
ANG Angiogenin	IPI00008554	17 kDa	0	7	0	5	0	0	3	3	0	0.4226	0.4226	0.0	0.0
ANGPTL2 Angiopoietin-related protein 2	IPI00007800	57 kDa	24	30	28	26	11	22	27	27	17	0.2221	0.2522	0.6	0.6
ANPEP Aminopeptidase N	IPI00221224	110 kDa	373	377	117	101	256	228	375	109	242	0.0144	0.0112	2.2	0.6
Anti-mucin1 light chain variable region (Fragment)	IPI00827906	12 kDa	0	0	3	3	6	0	0	3	3	0.9975	0.4226	1.0	-
ANTXR1 Isoform 1 of Anthrax toxin receptor 1	IPI00030431	63 kDa	8	0	0	0	12	14	4	0	13	0.0043	0.1508	-	3.3
ANXA1 Annexin A1	IPI00218918	39 kDa	70	62	184	246	12	25	66	215	19	0.0252	0.0230	0.1	0.3
ANXA11 Annexin A11	IPI00414320	54 kDa	28	17	32	0	16	15	23	16	16	0.9808	0.3295	1.0	0.7
ANXA2 Annexin A2	IPI00455315	39 kDa	53	55	131	153	20	24	54	142	22	0.0083	0.0046	0.2	0.4
ANXA3 Annexin A3	IPI00024095	36 kDa	2	0	30	35	0	0	1	33	0	0.0065	0.4226	0.0	0.0
ANXA4 annexin IV	IPI00793199	36 kDa	8	8	8	15	0	0	8	12	0	0.0784	0.0000	0.0	0.0
ANXA5 Annexin A5	IPI00329801	36 kDa	7	3	15	12	0	0	5	14	0	0.0103	0.0983	0.0	0.0
ANXA6 annexin VI isoform 2	IPI00002459	75 kDa	8	6	5	0	4	4	7	2	4	0.6256	0.1022	1.6	0.5
ANXA7 cDNA, FLJ92798, highly similar to Homo sapiens ani	IPI00002460	53 kDa	7	9	7	8	4	5	8	8	4	0.0519	0.0857	0.6	0.5

AOX1 Aldehyde oxidase	IPI00029715	148 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
APCS Serum amyloid P-component	IPI00022391	25 kDa	13	8	3	3	0	2	11	3	1	0.2623	0.0760	0.4	0.1
APEH Acylamino-acid-releasing enzyme	IPI00337741	81 kDa	0	0	0	0	4	4	0	0	4	0.0006	0.0006	-	-
APLP2 Isoform 1 of Amyloid-like protein 2	IPI00031030	87 kDa	8	8	0	0	0	0	8	0	0	-	0.0000	-	0.0
APOA1 Apolipoprotein A-I	IPI00021841	31 kDa	48	66	65	83	14	20	57	74	17	0.0275	0.0511	0.2	0.3
APOA2 Apolipoprotein A-II	IPI00021854	11 kDa	11	10	0	4	6	5	11	2	5	0.2553	0.0233	2.7	0.5
APOA4 Apolipoprotein A-IV	IPI00304273	45 kDa	40	39	5	4	20	15	40	4	18	0.0283	0.0108	4.0	0.4
APOD Apolipoprotein D	IPI00006662	21 kDa	368	377	307	376	289	323	372	341	306	0.4519	0.0633	0.9	0.8
APOE Apolipoprotein E	IPI00021842	36 kDa	48	39	25	31	0	0	44	28	0	0.0104	0.0101	0.0	0.0
APOH Beta-2-glycoprotein 1	IPI00298828	38 kDa	91	89	122	97	98	97	90	109	98	0.4523	0.0281	0.9	1.1
APOM Apolipoprotein M	IPI00030739	21 kDa	4	0	2	4	4	13	2	3	8	0.3879	0.3345	2.6	4.2
APP Isoform APP770 of Amyloid beta A4 protein (Fragment)	IPI00006608	87 kDa	43	36	28	27	17	15	39	28	16	0.0089	0.0261	0.6	0.4
APRT Adenine phosphoribosyltransferase	IPI00218693	20 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
AQP1 Aquaporin-1	IPI00024689	29 kDa	17	0	12	0	0	0	9	6	0	0.4226	0.4226	0.0	0.0
AQP2 Aquaporin-2	IPI00012818	29 kDa	0	8	28	30	0	0	4	29	0	0.0014	0.4226	0.0	0.0
ARF1 ADP-ribosylation factor 1	IPI00215914	21 kDa	11	10	15	10	5	5	11	12	5	0.1146	0.0034	0.4	0.5
ARF4 ADP-ribosylation factor 4	IPI00215918	21 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
ARF5 ADP-ribosylation factor 5	IPI00215919	21 kDa	0	0	9	0	0	0	0	5	0	0.4226	-	0.0	-
ARF6 ADP-ribosylation factor 6	IPI00215920	20 kDa	5	0	5	0	0	0	3	2	0	0.4226	0.4226	0.0	0.0
ARHGDI1 Rho GDP-dissociation inhibitor 2	IPI00003817	23 kDa	0	0	22	23	4	2	0	23	3	0.0021	0.0468	0.1	-
ARMET Protein ARMET	IPI00328748	27 kDa	0	0	5	0	0	0	0	2	0	0.4226	-	0.0	-
ARPC2 Actin-related protein 2/3 complex subunit 2	IPI00005161	34 kDa	0	0	7	10	0	0	0	8	0	0.0238	-	0.0	-
ARPC3 Actin-related protein 2/3 complex subunit 3	IPI00005162	21 kDa	0	0	7	0	0	0	0	3	0	0.4226	-	0.0	-
ARPC5 Isoform 1 of Actin-related protein 2/3 complex subunit 5	IPI00550234	16 kDa	0	0	7	7	0	0	0	7	0	0.0001	-	0.0	-
ARSA Putative uncharacterized protein DKFZp686G12235	IPI00329685	54 kDa	38	32	0	0	37	48	35	0	43	0.0165	0.3416	-	1.2
ARSB Arylsulfatase B	IPI00306576	60 kDa	0	3	0	0	0	4	2	0	2	0.4226	0.9871	-	1.0
ARSF Arylsulfatase F	IPI00008405	66 kDa	4	7	0	0	0	0	5	0	0	-	0.0644	-	0.0
ASAH1 Acid ceramidase	IPI00013698	45 kDa	41	37	37	31	55	59	39	34	57	0.0243	0.0270	1.7	1.5
ASAM Adipocyte adhesion molecule	IPI00024929	41 kDa	3	3	0	3	0	0	3	1	0	0.4226	0.0049	0.0	0.0
ASS1 Argininosuccinate synthase	IPI00020632	51 kDa	22	21	0	0	0	0	21	0	0	-	0.0009	-	0.0
ATP1A1 Isoform Long of Sodium/potassium-transporting ATPase	IPI00006482	113 kDa	15	14	0	0	0	0	14	0	0	-	0.0017	-	0.0
ATP6AP2 Renin receptor	IPI00168884	39 kDa	3	3	0	0	0	0	3	0	0	-	0.0049	-	0.0
ATP6V1A V-type proton ATPase catalytic subunit A	IPI00007682	68 kDa	5	6	0	0	0	0	5	0	0	-	0.0049	-	0.0
ATP6V1B1 V-type proton ATPase subunit B, kidney isoform	IPI00304911	57 kDa	7	5	3	0	0	0	6	2	0	0.4226	0.0400	0.0	0.0
ATP6V1G1 V-type proton ATPase subunit G 1	IPI00025285	14 kDa	2	2	0	3	0	0	2	1	0	0.4226	0.0049	0.0	0.0
ATRN Isoform 2 of Attractin	IPI00162735	141 kDa	260	251	277	256	170	192	256	266	181	0.0287	0.0228	0.7	0.7
AXL AXL receptor tyrosine kinase isoform 1	IPI00296992	98 kDa	57	62	80	68	42	43	60	74	42	0.0332	0.0222	0.6	0.7
AZGP1 alpha-2-glycoprotein 1, zinc	IPI00166729	34 kDa	391	415	149	173	890	874	403	161	882	0.0004	0.0009	5.5	2.2
AZU1 Azurocidin	IPI00022246	27 kDa	0	0	53	71	7	11	0	62	9	0.0272	0.0294	0.1	-
B2M Beta-2-microglobulin	IPI00004656	14 kDa	54	60	22	25	44	48	57	23	46	0.0145	0.1044	2.0	0.8
B3GNT1 N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase 1	IPI00009997	47 kDa	19	12	10	7	6	9	15	9	8	0.7792	0.2102	0.9	0.5
B4GALT1 Isoform Long of Beta-1,4-galactosyltransferase 1	IPI00215767	44 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
BAMBI BMP and activin membrane-bound inhibitor homologue 1	IPI00011899	29 kDa	3	3	6	7	0	7	3	6	4	0.5227	0.9368	0.6	1.1
BASP1 Brain acid soluble protein 1	IPI00299024	23 kDa	5	3	23	19	4	4	4	21	4	0.0135	0.5278	0.2	0.9
BBOX1 Gamma-butyrobetaine dioxygenase	IPI00027416	45 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
BCAM Lutheran blood group glycoprotein	IPI00002406	67 kDa	10	10	6	0	0	0	10	3	0	0.4226	0.0003	0.0	0.0
BDH2 Isoform 1 of 3-hydroxybutyrate dehydrogenase type II	IPI00607799	27 kDa	3	2	0	0	0	0	3	0	0	-	0.0168	-	0.0

BGN Biglycan	IPI00010790	42 kDa	23	17	25	27	0	0	20	26	0	0.0011	0.0196	0.0	0.0
BHMT Betaine--homocysteine S-methyltransferase 1	IPI00004101	45 kDa	33	30	0	0	4	2	31	0	3	0.0468	0.0034	-	0.1
BHMT2 Betaine--homocysteine S-methyltransferase 2	IPI00014363	40 kDa	10	0	0	0	0	0	5	0	0	-	0.4226	-	0.0
BID Isoform 1 of BH3-interacting domain death agonist	IPI00413587	22 kDa	0	6	0	0	0	0	3	0	0	-	0.4226	-	0.0
BPI Bactericidal permeability-increasing protein	IPI00827847	54 kDa	0	0	12	11	0	0	0	11	0	0.0009	-	0.0	-
BST1 ADP-ribosyl cyclase 2	IPI00026240	36 kDa	0	0	0	0	7	5	0	0	6	0.0468	0.0468	-	-
BTD biotinidase precursor	IPI00218413	61 kDa	38	32	22	16	41	48	35	19	45	0.0317	0.1767	2.3	1.3
BTN2A1 butyrophilin, subfamily 2, member A1 isoform 2 p	IPI00019862	38 kDa	64	40	37	31	17	20	52	34	19	0.0395	0.1072	0.5	0.4
C11orf52 Uncharacterized protein C11orf52	IPI00059185	14 kDa	3	0	2	0	0	2	2	1	1	0.9896	0.8831	1.0	0.8
C11orf54 Isoform 1 of Ester hydrolase C11orf54	IPI00072044	35 kDa	12	10	0	0	14	19	11	0	16	0.0248	0.2031	-	1.5
C16orf89 hypothetical protein LOC146556 isoform 2	IPI00166766	45 kDa	6	7	7	5	0	0	6	6	0	0.0143	0.0049	0.0	0.0
C17orf101 Isoform 1 of PKHD domain-containing transmembrane protein C17orf101	IPI00002884	36 kDa	3	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
C17orf37 Uncharacterized protein C17orf37	IPI00878073	12 kDa	0	8	0	3	4	4	4	1	4	0.2372	0.9313	2.7	0.9
C17orf61 UPF0451 protein C17orf61	IPI00166483	12 kDa	5	5	0	0	0	0	5	0	0	-	0.0017	-	0.0
C19orf10 UPF0556 protein C19orf10	IPI00056357	19 kDa	10	12	3	0	5	7	11	2	6	0.1690	0.0683	3.5	0.6
C1orf123 UPF0587 protein C1orf123	IPI00016605	18 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
C1orf58 BRO1 domain-containing protein BROX	IPI00065500	46 kDa	19	16	16	15	6	5	18	16	5	0.0090	0.0175	0.4	0.3
C1orf68 Skin-specific protein 32	IPI00023078	26 kDa	2	0	6	5	7	0	1	6	4	0.6636	0.5528	0.7	3.7
C1RL Complement C1r subcomponent-like protein	IPI00009793	53 kDa	59	70	74	83	41	44	65	79	42	0.0163	0.0616	0.5	0.7
C1S Complement C1s subcomponent	IPI00017696	77 kDa	3	5	3	3	6	5	4	3	5	0.1044	0.2671	1.8	1.4
C3 Complement C3 (Fragment)	IPI00783987	187 kDa	130	112	57	37	82	80	121	47	81	0.0750	0.0496	1.7	0.7
C4A Complement component 4B	IPI00887154	193 kDa	112	106	34	30	29	30	109	32	29	0.2870	0.0015	0.9	0.3
C5 Complement C5	IPI00032291	188 kDa	12	8	0	0	0	0	10	0	0	-	0.0364	-	0.0
C5orf32 UPF0467 protein C5orf32	IPI00382821	11 kDa	4	2	3	3	5	0	3	3	2	0.8307	0.8240	0.8	0.8
C6 Complement component 6 precursor	IPI00879709	106 kDa	0	0	2	3	4	5	0	3	4	0.0866	0.0136	1.7	-
C6orf108 c-Myc-responsive protein Rcl	IPI00007926	19 kDa	4	5	0	0	0	0	4	0	0	-	0.0049	-	0.0
C6orf72 Uncharacterized protein C6orf72	IPI00026031	37 kDa	0	9	0	0	0	0	5	0	0	-	0.4226	-	0.0
C7 Complement component C7	IPI00296608	94 kDa	39	37	42	50	22	30	38	46	26	0.0707	0.0854	0.6	0.7
C8G Complement component C8 gamma chain	IPI00011261	22 kDa	4	2	0	0	0	0	3	0	0	-	0.0654	-	0.0
C9 Complement component C9	IPI00022395	63 kDa	0	5	0	0	0	0	2	0	0	-	0.4226	-	0.0
CA1 Carbonic anhydrase 1	IPI00215983	29 kDa	2	6	8	0	0	0	4	4	0	0.4226	0.1751	0.0	0.0
CA2 Carbonic anhydrase 2	IPI00218414	29 kDa	8	12	8	11	0	0	10	9	0	0.0209	0.0310	0.0	0.0
CA4 Carbonic anhydrase 4	IPI00027466	35 kDa	6	5	0	0	0	0	5	0	0	-	0.0168	-	0.0
CAB39 Calcium-binding protein 39	IPI00032561	40 kDa	5	0	12	8	0	0	3	10	0	0.0285	0.4226	0.0	0.0
CACNA2D1 Dihydropyridine receptor alpha 2 subunit	IPI00470535	125 kDa	3	5	0	0	0	0	4	0	0	-	0.0419	-	0.0
CADM1 Isoform 1 of Cell adhesion molecule 1	IPI00003813	49 kDa	22	24	34	22	16	0	23	28	8	0.1892	0.2071	0.3	0.4
CADM3 Isoform 2 of Cell adhesion molecule 3	IPI00009619	47 kDa	7	10	0	0	0	8	9	0	4	0.4226	0.4159	-	0.5
CADM4 Cell adhesion molecule 4	IPI00176427	43 kDa	48	52	50	65	40	39	50	58	39	0.1452	0.0330	0.7	0.8
CALB1 Calbindin	IPI00220361	30 kDa	6	7	8	16	0	0	6	12	0	0.0973	0.0049	0.0	0.0
CALM3;CALM1;CALM2 Calmodulin	IPI00075248	17 kDa	4	5	16	20	11	12	4	18	12	0.0856	0.0037	0.6	2.7
CALML3 Calmodulin-like protein 3	IPI00216984	17 kDa	4	0	14	15	2	5	2	14	4	0.0130	0.5557	0.2	1.8
CALML5 Calmodulin-like protein 5	IPI00021536	16 kDa	0	5	8	7	0	0	2	7	0	0.0075	0.4226	0.0	0.0
CALR Calreticulin	IPI00020599	48 kDa	0	0	17	8	0	0	0	13	0	0.1089	-	0.0	-
CALU Isoform 2 of Calumenin	IPI00045396	37 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
CAMP Cathelicidin antimicrobial peptide precursor	IPI00292532	20 kDa	4	0	45	45	16	11	2	45	13	0.0076	0.0791	0.3	6.7
CANT1 Isoform 1 of Soluble calcium-activated nucleotidase 1	IPI00103175	45 kDa	9	2	0	0	2	2	6	0	2	0.0006	0.4370	-	0.4
CAP1 Isoform 1 of Adenylyl cyclase-associated protein 1	IPI00008274	52 kDa	0	0	36	39	0	0	0	38	0	0.0023	-	0.0	-

CAPG Macrophage-capping protein	IPI00027341	39 kDa	9	2	20	29	0	6	6	24	3	0.0582	0.6073	0.1	0.5
CAPN1 Calpain-1 catalytic subunit	IPI00011285	82 kDa	0	2	2	0	0	0	1	1	0	0.4226	0.4226	0.0	0.0
CAPN5 cDNA FLJ46245 fis, clone TESTI4020596, highly simil	IPI00643994	77 kDa	3	3	0	0	0	0	3	0	0	-	0.0049	-	0.0
CAPN7 Calpain-7	IPI00003765	93 kDa	8	7	0	0	0	2	7	0	1	0.4226	0.0404	-	0.2
CAPNS1 Calpain small subunit 1	IPI00025084	28 kDa	0	0	10	11	0	0	0	11	0	0.0005	-	0.0	-
CAPZA1 F-actin-capping protein subunit alpha-1	IPI00005969	33 kDa	2	2	0	0	0	0	2	0	0	-	0.0049	-	0.0
CAPZB Isoform 1 of F-actin-capping protein subunit beta	IPI00026185	34 kDa	0	0	13	7	0	0	10	0	0	0.0809	-	0.0	-
CASP14 Caspase-14	IPI00013885	28 kDa	9	12	16	18	29	22	10	17	26	0.1133	0.0442	1.5	2.5
CAST cDNA FLJ77737, highly similar to Homo sapiens calpa	IPI00302047	47 kDa	0	0	6	4	0	0	0	5	0	0.0285	-	0.0	-
CAT Catalase	IPI00465436	60 kDa	0	0	20	20	2	0	0	20	1	0.0047	0.4226	0.1	-
CBR1 Carbonyl reductase [NADPH] 1	IPI00295386	30 kDa	0	6	0	0	0	0	3	0	0	-	0.4226	-	0.0
CBX3;LOC653972 Chromobox protein homolog 3	IPI00297579	21 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
CD14 Monocyte differentiation antigen CD14	IPI00029260	40 kDa	142	142	89	74	269	242	142	81	255	0.0076	0.0131	3.1	1.8
CD160 CD160 antigen	IPI00296067	20 kDa	4	5	9	10	0	0	4	9	0	0.0002	0.0049	0.0	0.0
CD177 Isoform 1 of CD177 antigen	IPI00297444	46 kDa	0	0	13	0	14	11	0	6	12	0.4696	0.0153	1.9	-
CD209 Isoform 1 of CD209 antigen	IPI00028136	46 kDa	3	5	0	0	7	7	4	0	7	0.0006	0.0520	-	1.9
CD248 Isoform 1 of Endosialin	IPI00006971	81 kDa	141	130	174	150	119	128	136	162	124	0.0942	0.2191	0.8	0.9
CD27 CD27 antigen	IPI00002435	29 kDa	23	33	10	38	16	19	28	24	18	0.6764	0.1861	0.7	0.6
CD276 Isoform 1 of CD276 antigen	IPI00410488	57 kDa	12	0	12	0	12	0	6	6	6	0.9643	0.9821	1.1	1.0
CD300A Isoform 1 of CMRF35-like molecule 8	IPI00414784	33 kDa	20	17	16	19	11	11	19	18	11	0.0438	0.0308	0.6	0.6
CD300E cDNA FLJ61198, highly similar to Homo sapiens CD	IPI00376457	28 kDa	0	3	8	10	0	0	2	9	0	0.0065	0.4226	0.0	0.0
CD300LG Isoform 1 of CMRF35-like molecule 9	IPI00152018	36 kDa	100	85	134	105	70	56	93	120	63	0.0732	0.0987	0.5	0.7
CD320 CD320 antigen	IPI00641251	29 kDa	7	0	13	8	0	0	4	10	0	0.0445	0.4226	0.0	0.0
CD33 Myeloid cell surface antigen CD33	IPI00022203	40 kDa	6	5	3	0	0	0	5	2	0	0.4226	0.0168	0.0	0.0
CD40 Isoform I of Tumor necrosis factor receptor superfam	IPI00018282	31 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
CD44 Isoform 12 of CD44 antigen	IPI00297160	39 kDa	181	199	170	187	149	174	190	178	162	0.3711	0.2021	0.9	0.8
CD46 Isoform A of Membrane cofactor protein	IPI00012035	44 kDa	0	0	0	0	4	0	0	0	2	0.4226	0.4226	-	-
CD55 Decay-accelerating factor splicing variant 4	IPI00152418	56 kDa	76	84	68	54	177	160	80	61	168	0.0104	0.0113	2.7	2.1
CD58 Isoform 1 of Lymphocyte function-associated antigen	IPI00017529	28 kDa	0	2	3	4	5	0	1	4	2	0.6575	0.6743	0.7	2.2
CD59 CD59 glycoprotein	IPI00011302	14 kDa	274	291	282	388	300	339	283	335	320	0.8056	0.2307	1.0	1.1
CD5L CD5 antigen-like	IPI00025204	38 kDa	4	8	8	10	11	17	6	9	14	0.2099	0.1449	1.6	2.3
CD63 CD63 antigen	IPI00215998	26 kDa	14	0	0	0	0	0	7	0	0	-	0.4226	-	0.0
CD84 Isoform 3 of SLAM family member 5	IPI00022039	37 kDa	20	18	14	14	21	17	19	14	19	0.1574	0.8932	1.4	1.0
CD9 CD9 antigen	IPI00215997	25 kDa	29	30	36	35	7	8	29	36	8	0.0003	0.0008	0.2	0.3
CDA Cytidine deaminase	IPI00027983	16 kDa	0	0	6	0	0	0	0	3	0	0.4226	-	0.0	-
CDC42 Isoform 2 of Cell division control protein 42 homolo	IPI00016786	21 kDa	13	8	7	8	6	7	11	8	7	0.3528	0.2621	0.9	0.6
CDH1 Epithelial cadherin	IPI00025861	97 kDa	56	65	38	31	165	136	60	35	151	0.0166	0.0276	4.3	2.5
CDH13 Cadherin-13	IPI00024046	78 kDa	52	55	51	50	55	45	54	51	50	0.8796	0.5366	1.0	0.9
CDH19 Cadherin-19	IPI00028135	87 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
CDH2 Cadherin-2	IPI00290085	100 kDa	28	18	9	15	24	24	23	12	24	0.0565	0.9379	2.0	1.0
CDH3 Isoform 2 of Cadherin-3	IPI00645614	87 kDa	0	0	0	0	0	26	0	0	13	0.4226	0.4226	-	-
CDH6 Isoform 1 of Cadherin-6	IPI00024035	88 kDa	11	15	8	5	19	12	13	7	15	0.1473	0.6265	2.2	1.2
cDNA FLD58478, highly similar to Cadherin-11	IPI00909283	86 kDa	59	53	10	0	75	79	56	5	77	0.0062	0.0311	14.8	1.4
CEACAM5 Protein	IPI00880101	76 kDa	0	0	15	22	6	6	0	18	6	0.0671	0.0006	0.3	-
CEACAM6 Carcinoembryonic antigen-related cell adhesion	IPI00027412	37 kDa	0	0	0	5	0	0	0	3	0	0.4226	-	0.0	-
CEACAM7 Isoform 2a of Carcinoembryonic antigen-related	IPI00028270	29 kDa	0	0	10	12	0	0	0	11	0	0.0065	-	0.0	-
CEACAM8 Carcinoembryonic antigen-related cell adhesion	IPI00013972	38 kDa	10	13	19	22	17	12	11	20	15	0.2291	0.4006	0.7	1.3

CEL carboxyl ester lipase precursor	IPI00099670	80 kDa	66	73	72	59	16	14	69	65	15	0.0174	0.0040	0.2	0.2
CETP Isoform 1 of Cholesteryl ester transfer protein	IPI00006173	55 kDa	8	12	0	0	10	14	10	0	12	0.0294	0.4901	-	1.2
CFB cDNA FLJ55673, highly similar to Complement factor B	IPI00019591	141 kDa	48	45	28	31	12	17	46	30	14	0.0309	0.0064	0.5	0.3
CFH Isoform 1 of Complement factor H	IPI00029739	139 kDa	34	21	86	86	40	54	27	86	47	0.0338	0.1834	0.5	1.7
CFHR1 Complement factor H-related protein 1	IPI00011264	38 kDa	18	15	10	0	20	19	16	5	19	0.1133	0.2079	3.7	1.2
CFHR2 Isoform Long of Complement factor H-related prote	IPI00006154	31 kDa	0	0	0	0	0	18	0	0	9	0.4226	0.4226	-	-
CFI Complement factor I	IPI00291867	66 kDa	56	63	57	52	30	30	60	54	30	0.0102	0.0147	0.5	0.5
CFL1 Cofilin-1	IPI00012011	19 kDa	9	3	27	26	6	6	6	26	6	0.0004	0.9585	0.2	1.0
CFP Properdin	IPI00021364	51 kDa	0	0	7	0	0	0	0	3	0	0.4226	-	0.0	-
CHI3L1 Chitinase-3-like protein 1	IPI00002147	43 kDa	0	2	0	3	0	0	1	1	0	0.4226	0.4226	0.0	0.0
CHIT1 Isoform 3 of Chitotriosidase-1	IPI00375364	49 kDa	0	0	5	4	0	0	0	4	0	0.0039	-	0.0	-
CHL1 Isoform 2 of Neural cell adhesion molecule L1-like pr	IPI00299059	137 kDa	56	58	44	52	46	51	57	48	48	0.9146	0.0808	1.0	0.9
CHMP1A Isoform 1 of Charged multivesicular body protein	IPI00382452	22 kDa	2	0	3	4	0	0	1	4	0	0.0065	0.4226	0.0	0.0
CHMP1B Charged multivesicular body protein 1b	IPI00156984	22 kDa	10	7	7	14	0	0	8	10	0	0.0911	0.0318	0.0	0.0
CHMP2A Charged multivesicular body protein 2a	IPI00004416	25 kDa	13	8	20	15	0	0	11	17	0	0.0179	0.0508	0.0	0.0
CHMP2B Charged multivesicular body protein 2b	IPI00550181	24 kDa	3	0	5	0	0	0	2	2	0	0.4226	0.4226	0.0	0.0
CHMP4B Charged multivesicular body protein 4b	IPI00025974	25 kDa	3	6	7	10	0	0	4	8	0	0.0238	0.0866	0.0	0.0
CHMP5 Charged multivesicular body protein 5	IPI00100796	25 kDa	5	0	8	15	0	0	3	12	0	0.0784	0.4226	0.0	0.0
CHODL Isoform 1 of Chondrolectin	IPI00017202	30 kDa	3	0	6	7	0	0	2	6	0	0.0065	0.4226	0.0	0.0
CILP Cartilage intermediate layer protein 1	IPI00289275	133 kDa	8	12	0	3	4	8	10	1	6	0.2218	0.3212	4.4	0.6
CILP2 Cartilage intermediate layer protein 2 precursor	IPI00216780	127 kDa	3	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
CKB Creatine kinase B-type	IPI00022977	43 kDa	3	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
CLC Eosinophil lysophospholipase	IPI00216071	16 kDa	0	0	7	5	0	0	0	6	0	0.0143	-	0.0	-
CLEC14A C-type lectin domain family 14 member A	IPI00240345	52 kDa	30	21	32	19	11	15	25	26	13	0.2168	0.1404	0.5	0.5
CLEC3B Putative uncharacterized protein DKFZp686H1724f	IPI00792115	18 kDa	61	60	53	65	22	33	60	59	28	0.0598	0.0260	0.5	0.5
CLEC4G C-type lectin domain family 4 member G	IPI00243602	33 kDa	11	7	14	11	6	6	9	12	6	0.0523	0.2939	0.5	0.7
CLIC1 Chloride intracellular channel protein 1	IPI00010896	27 kDa	7	5	6	23	0	0	6	14	0	0.2375	0.0400	0.0	0.0
CLIC4 Chloride intracellular channel protein 4	IPI00001960	29 kDa	0	7	0	0	0	0	3	0	0	-	0.4226	-	0.0
CLN5 ceroid-lipofuscinosis, neuronal 5	IPI00026050	46 kDa	3	9	0	0	7	4	6	0	6	0.1067	0.8846	-	0.9
CLPS Colipase	IPI00022232	12 kDa	3	5	0	4	0	0	4	2	0	0.4226	0.0419	0.0	0.0
CLSTN1 Isoform 2 of Calsyntenin-1 (Fragment)	IPI00007257	109 kDa	3	0	2	0	2	0	2	1	1	0.9643	0.9074	1.1	0.8
CLU Clusterin	IPI00291262	52 kDa	191	210	227	291	128	135	200	259	131	0.0588	0.0200	0.5	0.7
CMBL Carboxymethylenebutenolidase homolog	IPI00383046	28 kDa	5	0	0	0	0	0	3	0	0	-	0.4226	-	0.0
CNDP2 Cytosolic non-specific dipeptidase	IPI00177728	53 kDa	9	6	0	0	0	0	7	0	0	-	0.0450	-	0.0
CNP Isoform CNPI of 2',3'-cyclic-nucleotide 3'-phosphodies	IPI00220993	45 kDa	3	3	0	0	0	0	3	0	0	-	0.0049	-	0.0
CNTFR Ciliary neurotrophic factor receptor alpha	IPI00003102	41 kDa	32	26	30	16	29	33	29	23	31	0.4023	0.6957	1.3	1.1
CNTN1 Isoform 1 of Contactin-1	IPI00029751	113 kDa	86	82	98	99	35	48	84	99	42	0.0140	0.0274	0.4	0.5
COCH Cochlin	IPI00012386	59 kDa	9	8	10	11	15	12	9	11	13	0.2257	0.0962	1.3	1.6
COL12A1 Isoform 4 of Collagen alpha-1(XII) chain	IPI00302944	325 kDa	17	17	25	23	12	15	17	24	14	0.0308	0.1589	0.6	0.8
COL15A1 Collagen alpha-1(XV) chain	IPI00295414	142 kDa	34	45	63	61	10	8	39	62	9	0.0004	0.0316	0.1	0.2
COL18A1 Isoform 2 of Collagen alpha-1(XVIII) chain	IPI00022822	154 kDa	25	22	8	0	0	0	23	4	0	0.4226	0.0044	0.0	0.0
COL1A2 Collagen alpha-2(I) chain	IPI00304962	129 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
COL28A1 Isoform 1 of Collagen alpha-1(XXVIII) chain	IPI00657936	117 kDa	6	0	12	7	5	0	3	9	2	0.1910	0.9074	0.3	0.8
COL4A1 Putative uncharacterized protein COL4A1	IPI00743696	161 kDa	18	16	13	10	5	4	17	11	4	0.0594	0.0084	0.4	0.2
COL4A2 Collagen alpha-2(IV) chain	IPI00306322	168 kDa	70	58	19	20	6	7	64	19	7	0.0066	0.0116	0.3	0.1
COL6A1 Collagen alpha-1(VI) chain	IPI00291136	109 kDa	257	299	348	354	174	171	278	351	173	0.0003	0.0384	0.5	0.6
COL6A2 Isoform 2C2A of Collagen alpha-2(VI) chain	IPI00220613	97 kDa	3	3	5	0	4	4	3	2	4	0.6256	0.2366	1.6	1.1

COL6A3 Isoform 1 of Collagen alpha-3(VI) chain	IPI00022200	344 kDa	51	54	31	45	41	44	53	38	42	0.6009	0.0389	1.1	0.8
COLEC12 Isoform 1 of Collectin-12	IPI00414467	82 kDa	11	13	0	0	14	13	12	0	13	0.0006	0.2366	-	1.1
COMP Cartilage oligomeric matrix protein	IPI00028030	83 kDa	0	6	7	7	0	0	3	7	0	0.0001	0.4226	0.0	0.0
CORO1A Coronin-1A	IPI00010133	51 kDa	0	0	14	11	0	0	0	12	0	0.0143	-	0.0	-
COTL1 Coactosin-like protein	IPI00017704	16 kDa	19	28	10	12	20	14	23	11	17	0.1977	0.3492	1.5	0.7
CP Ceruloplasmin	IPI00017601	122 kDa	303	308	34	34	479	459	305	34	469	0.0005	0.0040	13.9	1.5
CPE Carboxypeptidase E precursor	IPI00031121	64 kDa	30	26	12	7	30	24	28	9	27	0.0463	0.7146	2.9	0.9
CPM Carboxypeptidase M	IPI00026270	51 kDa	30	29	39	56	20	15	29	48	18	0.0725	0.0375	0.4	0.6
CPN2 Carboxypeptidase N subunit 2	IPI00479116	61 kDa	24	28	57	56	16	9	26	56	13	0.0060	0.0764	0.2	0.5
CPNE3 Copine-3	IPI00024403	60 kDa	4	3	6	3	2	0	4	4	1	0.2665	0.1903	0.3	0.3
CPNE8 Copine-8	IPI00384746	63 kDa	5	3	0	0	0	0	4	0	0	-	0.0318	-	0.0
CPVL Probable serine carboxypeptidase CPVL	IPI00301395	54 kDa	47	39	10	10	32	40	43	10	36	0.0219	0.3440	3.6	0.8
CPZ Isoform 2 of Carboxypeptidase Z	IPI00179185	73 kDa	6	7	5	0	0	0	6	2	0	0.4226	0.0049	0.0	0.0
CR1 Complement receptor type 1	IPI00412546	273 kDa	16	9	8	10	11	7	13	9	9	0.8948	0.4743	1.0	0.7
CRABP2 Cellular retinoic acid-binding protein 2	IPI00216088	16 kDa	13	15	16	12	7	8	14	14	8	0.0875	0.0291	0.6	0.6
CRB2 Isoform 1 of Crumbs homolog 2	IPI00410585	134 kDa	7	7	0	0	2	0	7	0	1	0.4226	0.0443	-	0.2
CRIM1 Cysteine-rich motor neuron 1 protein	IPI00009294	114 kDa	3	6	2	0	4	5	4	1	4	0.1351	0.9279	3.7	1.0
CRNN Cornulin	IPI00297056	54 kDa	15	16	45	44	5	0	16	44	2	0.0039	0.0360	0.1	0.2
CRP Isoform 1 of C-reactive protein	IPI00022389	25 kDa	4	2	0	0	0	4	3	0	2	0.4226	0.5557	-	0.6
CRTAC1 Isoform 1 of Cartilage acidic protein 1	IPI00451624	71 kDa	0	5	0	0	0	0	2	0	0	-	0.4226	-	0.0
CRYAB Alpha-crystallin B chain	IPI00021369	20 kDa	5	8	7	0	7	0	7	3	4	0.9643	0.5593	1.1	0.6
CRYGD Gamma-crystallin D	IPI00215881	21 kDa	5	3	0	0	0	0	4	0	0	-	0.0318	-	0.0
CRYL1 Isoform 1 of Lambda-crystallin homolog	IPI00006443	35 kDa	6	6	0	0	0	0	6	0	0	-	0.0004	-	0.0
CRYM Mu-crystallin homolog	IPI00000949	34 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
Cryocryoglobulin #REF! kappa light chain variable region	IPI00890703	12 kDa	12	10	0	0	0	0	11	0	0	-	0.0053	-	0.0
CRYZ Quinone oxidoreductase	IPI00000792	35 kDa	3	7	2	0	0	0	5	1	0	0.4226	0.1268	0.0	0.0
CSF1 Isoform 1 of Macrophage colony-stimulating factor 1	IPI00015881	60 kDa	20	16	14	19	24	24	18	16	24	0.1095	0.1025	1.4	1.3
CSPG4 Chondroitin sulfate proteoglycan 4	IPI00019157	250 kDa	23	22	36	38	14	13	22	37	13	0.0024	0.0051	0.4	0.6
CST3 Cystatin-C	IPI00032293	16 kDa	41	25	34	25	26	21	33	29	24	0.4074	0.3671	0.8	0.7
CST4 Cystatin-S	IPI00032294	16 kDa	10	10	5	0	6	7	10	2	7	0.2068	0.0176	2.9	0.7
CST6 Cystatin-M	IPI00019954	17 kDa	38	43	38	39	62	59	40	39	61	0.0058	0.0181	1.6	1.5
CSTA Cystatin-A	IPI00032325	11 kDa	27	20	21	26	22	27	23	23	25	0.7207	0.7671	1.1	1.1
CSTB Cystatin-B	IPI00021828	11 kDa	11	16	27	35	14	14	14	31	14	0.0603	0.8990	0.4	1.0
CTBS Di-N-acetylchitobiase	IPI00007778	44 kDa	38	38	37	20	127	108	38	29	117	0.0201	0.0145	4.1	3.1
CTGF Isoform 1 of Connective tissue growth factor	IPI00020977	38 kDa	7	5	7	10	5	9	6	8	7	0.7306	0.6342	0.9	1.2
CTSA Lysosomal protective protein	IPI00021794	54 kDa	26	21	5	8	73	52	23	6	63	0.0351	0.0701	9.8	2.7
CTSB Cathepsin B	IPI00295741	38 kDa	38	47	53	53	109	130	43	53	120	0.0231	0.0207	2.3	2.8
CTSC Dipeptidyl-peptidase 1	IPI00022810	52 kDa	31	44	20	19	112	103	37	19	107	0.0027	0.0123	5.5	2.9
CTSD Cathepsin D	IPI00011229	45 kDa	87	93	43	44	68	66	90	43	67	0.0023	0.0207	1.6	0.7
CTSG Cathepsin G	IPI00028064	29 kDa	0	0	32	25	22	18	0	28	20	0.2083	0.0132	0.7	-
CTSH Cathepsin H	IPI00297487	37 kDa	21	25	12	11	46	35	23	11	41	0.0307	0.0913	3.6	1.8
CTSL1 Cathepsin L1	IPI00012887	38 kDa	8	8	9	10	12	17	8	9	14	0.1319	0.0881	1.5	1.8
CTSS Cathepsin S	IPI00299150	37 kDa	0	0	6	0	9	7	0	3	8	0.2377	0.0103	2.7	-
CTSZ Cathepsin Z	IPI00002745	34 kDa	10	7	8	5	22	30	8	7	26	0.0374	0.0462	3.8	3.1
CTTN Src substrate cortactin	IPI00029601	62 kDa	0	2	0	3	0	0	1	1	0	0.4226	0.4226	0.0	0.0
CUBN Cubilin	IPI00160130	399 kDa	833	848	683	704	864	838	840	694	851	0.0112	0.5462	1.2	1.0
CUTA Isoform A of Protein CutA	IPI00034319	21 kDa	0	6	5	0	0	0	3	2	0	0.4226	0.4226	0.0	0.0



CXCL12 chemokine (C-X-C motif) ligand 12 (stromal cell-de	IPI00413781	14 kDa	7	0	9	7	2	0	4	8	1	0.0602	0.6053	0.2	0.4
CYCS Cytochrome c	IPI00465315	12 kDa	11	5	10	8	0	2	8	9	1	0.0381	0.1915	0.1	0.2
CYFIP1 Isoform 1 of Cytoplasmic FMR1-interacting protein	IPI00644231	145 kDa	0	0	0	3	0	0	0	1	0	0.4226	-	0.0	-
DAG1 Dystroglycan	IPI00028911	98 kDa	24	21	8	8	0	0	22	8	0	0.0000	0.0053	0.0	0.0
DBI Isoform a 1 of Acyl-CoA-binding protein	IPI00010182	10 kDa	4	0	6	0	4	4	2	3	4	0.8212	0.4991	1.3	1.8
DCD Dermcidin	IPI00027547	11 kDa	4	9	13	0	0	5	7	6	2	0.6153	0.3513	0.4	0.4
DCHS1 Protocadherin-16	IPI00064262	346 kDa	18	13	9	0	0	0	15	5	0	0.4226	0.0289	0.0	0.0
DDAH2 N(G),N(G)-dimethylarginine dimethylaminohydrola	IPI00000760	30 kDa	11	12	0	0	4	4	11	0	4	0.0006	0.0013	-	0.3
DDC Aromatic-L-amino-acid decarboxylase	IPI00025394	54 kDa	10	9	0	0	0	0	10	0	0	-	0.0017	-	0.0
DDT D-dopachrome decarboxylase	IPI00293867	13 kDa	9	8	0	5	5	5	9	3	5	0.5168	0.0169	1.8	0.6
DEFA1;LOC728358 Neutrophil defensin 1	IPI00005721	10 kDa	30	31	212	210	26	28	31	211	27	0.0001	0.1187	0.1	0.9
DEFB1 Beta-defensin 1	IPI00022290	7 kDa	6	8	6	7	5	6	7	6	5	0.3416	0.2958	0.9	0.8
DLK1 Isoform Long of Protein delta homolog 1	IPI00160384	41 kDa	20	24	34	42	7	0	22	38	4	0.0268	0.0502	0.1	0.2
DLK2 Isoform 1 of Protein delta homolog 2	IPI00028381	41 kDa	0	0	3	5	0	0	0	4	0	0.0456	-	0.0	-
DLST Full-length cDNA 5-PRIME end of clone CS0DJ009YL1	IPI00384016	30 kDa	5	0	0	5	5	6	3	3	5	0.4289	0.3668	2.0	2.2
DNAH5 Dynein heavy chain 5, axonemal	rev_IPI00152653	529 kDa	0	0	0	0	7	0	0	0	4	0.4226	0.4226	-	-
DNASE1 Deoxyribonuclease-1	IPI00031065	31 kDa	43	43	35	38	24	30	43	36	27	0.1022	0.0319	0.7	0.6
DNASE2 Deoxyribonuclease-2-alpha	IPI00010348	40 kDa	7	5	0	0	0	0	6	0	0	-	0.0400	-	0.0
DNER Delta and Notch-like epidermal growth factor-relate	IPI00333140	78 kDa	8	8	17	20	10	7	8	19	9	0.0384	0.7645	0.5	1.1
DPEP1 Dipeptidase 1	IPI00059476	46 kDa	20	32	14	7	4	9	26	10	7	0.4962	0.1019	0.6	0.3
DPP4 Dipeptidyl peptidase 4	IPI00018953	88 kDa	144	160	71	59	246	238	152	65	242	0.0017	0.0102	3.7	1.6
DPP7 Dipeptidyl-peptidase 2	IPI00296141	54 kDa	48	44	5	5	36	27	46	5	32	0.0270	0.1012	6.3	0.7
DPT Dermatopontin	IPI00292130	24 kDa	27	30	27	27	36	28	28	27	32	0.3043	0.4595	1.2	1.1
DSC1 desmocollin 1 isoform Dsc1b preproprotein	IPI00007425	94 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
DSC2 cDNA FLJ55716, highly similar to Desmocollin-2	IPI00025846	101 kDa	40	29	7	5	57	65	34	6	61	0.0052	0.0595	9.9	1.8
DSG1 Desmoglein-1	IPI00025753	114 kDa	7	0	0	0	14	0	4	0	7	0.4226	0.7062	-	2.0
DSG2 Desmoglein-2	IPI00028931	122 kDa	3	7	0	0	11	0	5	0	6	0.4226	0.9238	-	1.1
DSP Isoform DPI of Desmoplakin	IPI00013933	332 kDa	13	13	3	7	21	4	13	5	12	0.5056	0.9606	2.4	1.0
DSTN Destrin	IPI00473014	19 kDa	0	2	3	0	0	0	1	2	0	0.4226	0.4226	0.0	0.0
EEF1A1 Elongation factor 1-alpha 1	IPI00396485	50 kDa	16	13	22	19	14	7	14	21	10	0.1065	0.3967	0.5	0.7
EFEMP1 Isoform 1 of EGF-containing fibulin-like extracellul	IPI00029658	55 kDa	205	206	207	212	88	95	206	210	91	0.0012	0.0008	0.4	0.4
EFEMP2 EGF-containing fibulin-like extracellular matrix prc	IPI00296058	49 kDa	16	18	12	10	10	11	17	11	10	0.8316	0.0317	1.0	0.6
EFHD2 EF-hand domain-containing protein D2	IPI00060181	27 kDa	0	0	13	18	0	0	0	15	0	0.0256	-	0.0	-
EFNA1 Isoform 1 of Ephrin-A1	IPI00025840	24 kDa	6	6	7	7	0	0	6	7	0	0.0001	0.0004	0.0	0.0
EFNB1 Ephrin-B1	IPI00024307	38 kDa	12	14	8	12	12	17	13	10	14	0.2779	0.5547	1.4	1.1
EGF Pro-epidermal growth factor	IPI00000073	134 kDa	596	637	850	914	395	362	617	882	379	0.0051	0.0122	0.4	0.6
EHD1 EH domain-containing protein 1	IPI00017184	61 kDa	3	2	0	0	0	0	3	0	0	-	0.0168	-	0.0
EIF5A Isoform 2 of Eukaryotic translation initiation factor 5	IPI00376005	20 kDa	0	2	2	5	0	0	1	4	0	0.1314	0.4226	0.0	0.0
EIF6 Eukaryotic translation initiation factor 6	IPI00010105	27 kDa	7	10	7	0	6	6	9	3	6	0.5338	0.2615	1.7	0.7
ELA2 Leukocyte elastase	IPI00027769	29 kDa	6	0	269	227	21	18	3	248	19	0.0081	0.0414	0.1	6.5
ENDOD1 Endonuclease domain-containing 1 protein	IPI00001952	55 kDa	20	24	7	0	24	33	22	3	28	0.0514	0.3496	8.2	1.3
ENG Isoform Long of Endoglin	IPI00017567	71 kDa	5	0	0	0	0	0	3	0	0	-	0.4226	-	0.0
ENO1 Isoform alpha-enolase of Alpha-enolase	IPI00465248	47 kDa	49	44	80	82	17	27	46	81	22	0.0071	0.0491	0.3	0.5
ENPEP Glutaryl aminopeptidase	IPI00014375	109 kDa	105	114	3	7	211	240	110	5	226	0.0042	0.0162	43.9	2.1
ENPP2 Isoform 2 of Ectonucleotide pyrophosphatase/phos	IPI00303210	105 kDa	3	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
ENPP4 Ectonucleotide pyrophosphatase/phosphodiesterase	IPI00007249	52 kDa	0	0	0	0	7	6	0	0	7	0.0132	0.0132	-	-
EPHA1 Ephrin type-A receptor 1	IPI00294250	108 kDa	3	0	0	0	4	0	2	0	2	0.4226	0.8926	-	1.2

EPHA2 Ephrin type-A receptor 2	IPI00021267	108 kDa	0	0	0	0	0	4	0	0	2	0.4226	0.4226	-	-
EPHA4 Ephrin type-A receptor 4	IPI00008318	110 kDa	0	0	0	0	10	6	0	0	8	0.0592	0.0592	-	-
EPHA7 Isoform 1 of Ephrin type-A receptor 7	IPI00016645	112 kDa	0	0	0	0	0	4	0	0	2	0.4226	0.4226	-	-
EPHB2 Isoform 1 of Ephrin type-B receptor 2	IPI00021275	117 kDa	12	16	5	0	7	8	14	2	8	0.1420	0.0985	3.4	0.6
EPHB3 Ephrin type-B receptor 3	IPI00289329	110 kDa	6	0	0	0	0	0	3	0	0	-	0.4226	-	0.0
EPHB4 Ephrin receptor	IPI00186826	103 kDa	24	23	14	8	22	19	24	11	21	0.1028	0.2524	1.9	0.9
EPHB6 Ephrin type-B receptor 6	IPI00005222	111 kDa	8	8	0	0	0	0	8	0	0	-	0.0000	-	0.0
EPS8 Epidermal growth factor receptor kinase substrate 8	IPI00290337	92 kDa	4	3	5	0	0	2	4	2	1	0.7054	0.1707	0.5	0.3
EPS8L2 Isoform 1 of Epidermal growth factor receptor kinase	IPI00414315	81 kDa	7	2	0	0	0	0	5	0	0	-	0.1861	-	0.0
ERO1L ERO1-like protein alpha	IPI00386755	54 kDa	0	0	0	5	0	0	0	3	0	0.4226	-	0.0	-
ESAM Endothelial cell-selective adhesion molecule	IPI00303161	41 kDa	18	14	13	20	15	13	16	17	14	0.5770	0.4861	0.8	0.9
EVPL Envoplakin	IPI00023711	232 kDa	0	0	0	0	0	9	0	0	5	0.4226	0.4226	-	-
EZR Ezrin	IPI00746388	69 kDa	65	60	110	74	56	48	62	92	52	0.1675	0.1527	0.6	0.8
F11R Junctional adhesion molecule A	IPI00001754	33 kDa	11	13	6	8	16	14	12	7	15	0.0339	0.1233	2.2	1.3
F12 Coagulation factor XII	IPI00019581	68 kDa	4	7	0	0	0	0	5	0	0	-	0.0644	-	0.0
F2 Prothrombin (Fragment)	IPI00019568	70 kDa	71	104	102	138	14	17	87	120	15	0.0280	0.0479	0.1	0.2
FABP1 FABP1 protein (Fragment)	IPI00010290	15 kDa	3	9	3	5	11	12	6	4	12	0.0209	0.2260	2.6	1.9
FABP2 Fatty acid-binding protein, intestinal	IPI00218477	15 kDa	2	0	0	0	4	0	1	0	2	0.4226	0.7222	-	1.9
FABP3 Fatty acid-binding protein, heart	IPI00219684	15 kDa	16	15	10	11	24	21	15	11	22	0.0102	0.0323	2.1	1.4
FABP5;FABP5L7 Fatty acid-binding protein, epidermal	IPI00007797	15 kDa	41	36	97	89	32	31	38	93	32	0.0052	0.1324	0.3	0.8
FAH Fumarylacetoacetase	IPI00031708	46 kDa	12	8	0	0	0	4	10	0	2	0.4226	0.0893	-	0.2
FAM151A Isoform 2 of Protein FAM151A	IPI00064917	44 kDa	0	0	0	0	0	7	0	0	4	0.4226	0.4226	-	-
FAM3B Isoform B of Protein FAM3B	IPI00067738	26 kDa	0	3	5	5	0	0	2	5	0	0.0065	0.4226	0.0	0.0
FAM3C Protein FAM3C	IPI00334282	25 kDa	24	18	15	14	0	4	21	14	2	0.0224	0.0276	0.1	0.1
FAT4 Isoform 1 of Protocadherin Fat 4	IPI00852735	543 kDa	40	30	0	0	0	0	35	0	0	-	0.0200	-	0.0
FBLN1 Isoform C of Fibulin-1	IPI00296537	74 kDa	42	41	53	34	40	35	42	44	38	0.6032	0.2010	0.9	0.9
FBLN2 fibulin 2 isoform a precursor	IPI00465038	132 kDa	62	55	51	74	0	0	59	62	0	0.0314	0.0033	0.0	0.0
FBLN5 Fibulin-5	IPI00294615	50 kDa	22	17	19	7	17	15	20	13	16	0.5951	0.3339	1.3	0.8
FBLN7 Isoform 1 of Fibulin-7	IPI00167710	47 kDa	8	8	8	7	0	0	8	7	0	0.0075	0.0000	0.0	0.0
FBN1 Fibrillin-1	IPI00328113	312 kDa	94	83	101	120	63	73	88	110	68	0.0599	0.1132	0.6	0.8
FBP1 Fructose-1,6-bisphosphatase 1	IPI00073772	37 kDa	16	15	5	0	14	18	15	2	16	0.0489	0.9261	6.8	1.0
FCER2 Isoform A of Low affinity immunoglobulin epsilon Fc receptor	IPI00027491	36 kDa	34	22	35	18	9	11	28	26	10	0.1933	0.0966	0.4	0.3
FCGBP IgG Fc-binding protein	IPI00242956	572 kDa	6	7	8	8	0	0	6	8	0	0.0000	0.0049	0.0	0.0
FCGR3A Low affinity immunoglobulin gamma Fc region receptor 3A	IPI00218834	29 kDa	51	47	65	71	49	52	49	68	50	0.0368	0.7001	0.7	1.0
FCGR3B Fc-gamma receptor IIIb	IPI00023858	30 kDa	0	0	35	27	25	27	0	31	26	0.3341	0.0020	0.8	-
FCN2 Isoform 1 of Ficolin-2	IPI00017530	34 kDa	6	10	0	0	2	4	8	0	3	0.0294	0.1482	-	0.4
FDX1 Adrenodoxin, mitochondrial	IPI00019326	19 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
FGA Isoform 1 of Fibrinogen alpha chain	IPI00021885	95 kDa	44	43	34	50	21	48	43	42	35	0.6984	0.5975	0.8	0.8
FGB Fibrinogen beta chain	IPI00298497	56 kDa	5	5	10	5	4	4	5	8	4	0.2265	0.0329	0.5	0.8
FGG Isoform Gamma-B of Fibrinogen gamma chain	IPI00021891	52 kDa	15	12	9	18	7	14	13	13	11	0.6710	0.5859	0.8	0.8
FKBP1A Peptidyl-prolyl cis-trans isomerase FKBP1A	IPI00873810	12 kDa	0	2	3	5	0	0	1	4	0	0.0456	0.4226	0.0	0.0
FLG Filaggrin	IPI00026256	435 kDa	0	0	0	0	4	0	0	0	2	0.4226	0.4226	-	-
FLG2 Filaggrin-2	IPI00397801	248 kDa	0	6	7	0	4	0	3	3	2	0.7229	0.7954	0.5	0.6
FLJ22662 hypothetical protein LOC79887	IPI00016255	63 kDa	0	0	6	4	0	0	0	5	0	0.0285	-	0.0	-
FLJ45139 cDNA FLJ45139 fis, clone BRAWH3039623	IPI00418931	15 kDa	0	13	0	0	0	0	6	0	0	-	0.4226	-	0.0
FLNA Isoform 2 of Filamin-A	IPI00302592	280 kDa	14	20	12	29	9	18	17	20	13	0.5498	0.5702	0.7	0.8
FLNB Isoform 1 of Filamin-B	IPI00289334	278 kDa	0	0	0	0	0	5	0	0	2	0.4226	0.4226	-	-

FLNC Isoform 1 of Filamin-C	IPI00178352	291 kDa	10	14	6	11	5	13	12	8	9	0.9042	0.5785	1.1	0.8
FLOT1 Flotillin-1	IPI00027438	47 kDa	3	2	0	0	0	0	3	0	0	-	0.0168	-	0.0
FLOT2 flotillin 2	IPI00789008	47 kDa	0	0	0	0	0	2	0	0	1	0.4226	0.4226	-	-
FLRT2 Leucine-rich repeat transmembrane protein FLRT2	IPI00001633	74 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
FN1 fibronectin 1 isoform 4 preproprotein	IPI00414283	257 kDa	274	270	264	312	251	251	272	288	251	0.2624	0.0114	0.9	0.9
FOLR1 Folate receptor alpha	IPI00441498	30 kDa	63	54	51	57	17	19	59	54	18	0.0079	0.0121	0.3	0.3
FOLR3 folate receptor 3 precursor	IPI00014287	28 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
FREM2 Isoform 1 of FRAS1-related extracellular matrix pro	IPI00180707	351 kDa	102	65	0	0	0	0	83	0	0	-	0.0471	-	0.0
FRK Tyrosine-protein kinase FRK	IPI00000885	58 kDa	2	0	2	0	0	0	1	1	0	0.4226	0.4226	0.0	0.0
FSHB Follitropin subunit beta	IPI00000853	15 kDa	22	28	32	26	0	9	25	29	5	0.0512	0.0676	0.2	0.2
FSTL1 Follistatin-related protein 1	IPI00029723	35 kDa	15	8	8	7	0	0	12	7	0	0.0075	0.0798	0.0	0.0
FTH1 Ferritin heavy chain	IPI00554521	21 kDa	12	12	7	10	56	40	12	8	48	0.0380	0.0441	5.8	4.1
FTL Ferritin	IPI00375676	21 kDa	16	10	14	12	87	85	13	13	86	0.0003	0.0017	6.6	6.5
FUCA1 Tissue alpha-L-fucosidase	IPI00843910	54 kDa	2	0	0	0	9	8	1	0	8	0.0006	0.0181	-	8.5
FZD2 Frizzled-2	IPI00016027	64 kDa	0	0	0	3	2	0	0	1	1	0.9548	0.4226	0.9	-
FZD4 Frizzled-4 precursor	IPI00297420	60 kDa	8	9	0	0	5	0	9	0	2	0.4226	0.1394	-	0.3
G6PD glucose-6-phosphate dehydrogenase isoform a	IPI00853547	62 kDa	0	0	8	0	0	0	0	4	0	0.4226	-	0.0	-
GAA acid alpha-glucosidase preproprotein	IPI00883772	105 kDa	283	316	176	158	341	338	299	167	339	0.0028	0.1338	2.0	1.1
GAA Lysosomal alpha-glucosidase	IPI00293088	105 kDa	319	362	191	173	330	343	340	182	336	0.0052	0.8698	1.8	1.0
GALM Aldose 1-epimerase	IPI00060200	38 kDa	4	5	0	0	0	0	4	0	0	-	0.0049	-	0.0
GALNS N-acetylgalactosamine-6-sulfatase	IPI00029605	58 kDa	10	10	0	0	19	22	10	0	21	0.0085	0.0323	-	2.0
GALNTL4 Isoform 1 of Putative polypeptide N-acetylgalact	IPI00168626	70 kDa	2	5	0	0	0	0	3	0	0	-	0.1268	-	0.0
GAPDH Glyceraldehyde-3-phosphate dehydrogenase	IPI00219018	36 kDa	32	31	44	56	25	21	32	50	23	0.0492	0.0446	0.5	0.7
GC vitamin D-binding protein precursor	IPI00742696	53 kDa	80	81	96	48	57	57	80	72	57	0.6010	0.0003	0.8	0.7
GCHFR GTP cyclohydrolase 1 feedback regulatory protein	IPI00217253	10 kDa	11	17	8	5	9	11	14	7	10	0.2199	0.3069	1.4	0.7
GDA Guanine deaminase	IPI00644409	46 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
GDF15 Growth/differentiation factor 15	IPI00306543	34 kDa	11	6	2	0	9	6	8	1	7	0.0771	0.7528	6.3	0.9
GDI2 cDNA FLJ60299, highly similar to Rab GDP dissociator	IPI00031461	51 kDa	11	3	13	7	0	0	7	10	0	0.0809	0.1954	0.0	0.0
GGCT Isoform 1 of Gamma-glutamylcyclotransferase	IPI00031564	21 kDa	9	6	20	16	7	6	7	18	7	0.0254	0.7367	0.4	0.9
GGH Gamma-glutamyl hydrolase	IPI00023728	36 kDa	24	33	10	11	76	63	29	11	69	0.0125	0.0377	6.5	2.4
GGT1 Isoform 1 of Gamma-glutamyltranspeptidase 1	IPI00018901	61 kDa	21	20	0	0	0	0	20	0	0	-	0.0012	-	0.0
GGT6 cDNA FLJ50980	IPI00440764	51 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
GLA Alpha-galactosidase A	IPI00025869	49 kDa	15	12	5	4	31	31	13	4	31	0.0002	0.0097	7.1	2.3
GLB1 galactosidase, beta 1 isoform b	IPI00797646	73 kDa	66	62	6	4	73	70	64	5	72	0.0009	0.1049	14.5	1.1
GLG1 Isoform 2 of Golgi apparatus protein 1	IPI00414717	137 kDa	40	47	9	14	11	4	44	11	7	0.4526	0.0204	0.6	0.2
GLO1 Lactoylglutathione lyase	IPI00220766	21 kDa	3	0	2	3	0	0	2	3	0	0.0065	0.4226	0.0	0.0
GLOD4 Uncharacterized protein C17orf25	IPI00007102	55 kDa	2	3	0	0	0	0	3	0	0	-	0.0644	-	0.0
GLRX Glutaredoxin-1	IPI00219025	12 kDa	4	2	3	10	9	12	3	7	10	0.3847	0.0569	1.6	3.3
GLTP Glycolipid transfer protein	IPI00184363	24 kDa	0	5	0	0	0	0	2	0	0	-	0.4226	-	0.0
GLUD1 Glutamate dehydrogenase 1, mitochondrial	IPI00016801	61 kDa	0	2	0	0	5	2	1	0	4	0.1067	0.2850	-	3.2
GLUL Glutamine synthetase	IPI00010130	42 kDa	0	0	22	15	0	0	0	18	0	0.0342	-	0.0	-
GM2A Ganglioside GM2 activator	IPI00018236	21 kDa	70	66	16	30	163	170	68	23	167	0.0029	0.0018	7.2	2.5
GMFG Glia maturation factor gamma	IPI00028414	17 kDa	0	0	0	5	0	0	0	3	0	0.4226	-	0.0	-
GNA11 Guanine nucleotide-binding protein subunit alpha-	IPI00305551	42 kDa	4	0	3	3	0	0	2	3	0	0.0143	0.4226	0.0	0.0
GNA13 Guanine nucleotide-binding protein subunit alpha-	IPI00290928	44 kDa	3	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
GNAI1 Guanine nucleotide-binding protein G(i), alpha-1 su	IPI00337415	40 kDa	13	6	8	4	5	0	9	6	2	0.3764	0.2572	0.4	0.3
GNAI2 Galphai2 protein	IPI00465121	42 kDa	8	0	10	10	0	0	4	10	0	0.0020	0.4226	0.0	0.0

GNAI3 Guanine nucleotide-binding protein G(k) subunit alpha	IPI00220578	41 kDa	10	0	0	0	0	0	5	0	0	-	0.4226	-	0.0
GNAS Isoform XLas-1 of Guanine nucleotide-binding protei	IPI00095891	111 kDa	4	7	6	4	0	0	5	5	0	0.0285	0.0644	0.0	0.0
GNB1 Guanine nucleotide-binding protein G(l)/G(S)/G(T) s	IPI00026268	37 kDa	12	12	27	34	0	7	12	30	4	0.0348	0.1471	0.1	0.3
GNB2 Guanine nucleotide-binding protein G(l)/G(S)/G(T) s	IPI00003348	37 kDa	0	10	29	31	0	0	5	30	0	0.0016	0.4226	0.0	0.0
GNG12 Guanine nucleotide-binding protein G(l)/G(S)/G(O)	IPI00221232	8 kDa	0	7	0	0	2	2	3	0	2	0.0006	0.7938	-	0.7
GNS N-acetylglucosamine-6-sulfatase	IPI00012102	62 kDa	65	66	13	10	160	167	65	11	164	0.0005	0.0010	14.7	2.5
GOLM1 Golgi membrane protein 1	IPI00171411	46 kDa	59	54	66	64	27	39	57	65	33	0.0328	0.0657	0.5	0.6
GOT1 Aspartate aminotransferase, cytoplasmic	IPI00219029	46 kDa	12	10	0	0	0	0	11	0	0	-	0.0053	-	0.0
GP1BA platelet glycoprotein Ib alpha polypeptide precurs	IPI00748955	70 kDa	11	8	0	0	24	28	10	0	26	0.0082	0.0275	-	2.7
GP6 Isoform 3 of Platelet glycoprotein VI	IPI00102300	67 kDa	21	18	19	20	20	15	20	19	18	0.5317	0.5080	0.9	0.9
GPC1 Glypican-1	IPI00015688	62 kDa	10	9	8	4	0	0	10	6	0	0.0937	0.0017	0.0	0.0
GPC3 Glypican-3	IPI00019907	66 kDa	18	15	23	23	0	0	16	23	0	0.0000	0.0083	0.0	0.0
GPC4 Glypican-4	IPI00232571	62 kDa	8	7	8	15	0	0	7	12	0	0.0784	0.0053	0.0	0.0
GPD1 Glycerol-3-phosphate dehydrogenase [NAD+], cytop	IPI00295777	38 kDa	5	3	0	0	0	0	4	0	0	-	0.0318	-	0.0
GPI Glucose-6-phosphate isomerase	IPI00027497	63 kDa	2	7	5	0	0	0	4	2	0	0.4226	0.2113	0.0	0.0
GPR116 Isoform 1 of Probable G-protein coupled receptor	IPI00437186	149 kDa	13	7	0	7	0	0	10	3	0	0.4226	0.0821	0.0	0.0
GPR180 Integral membrane protein GPR180	IPI00646291	49 kDa	8	0	0	7	0	0	4	3	0	0.4226	0.4226	0.0	0.0
GPR56 Isoform 2 of G-protein coupled receptor 56	IPI00397949	77 kDa	0	5	0	0	0	0	2	0	0	-	0.4226	-	0.0
GPRC5A Retinoic acid-induced protein 3	IPI00022624	40 kDa	0	0	8	0	0	0	0	4	0	0.4226	-	0.0	-
GPRC5B G-protein coupled receptor family C group 5 mem	IPI00008239	45 kDa	49	33	51	41	4	5	41	46	4	0.0145	0.0419	0.1	0.1
GPRC5C cDNA FLJ20242 fis, clone COLF6369	IPI00004901	18 kDa	102	86	80	61	46	50	94	71	48	0.1384	0.0286	0.7	0.5
GPX3 Glutathione peroxidase 3	IPI00026199	26 kDa	15	18	14	14	15	12	17	14	13	0.8289	0.2853	1.0	0.8
GRB2 Isoform 1 of Growth factor receptor-bound protein 2	IPI00021327	25 kDa	0	0	10	11	0	0	0	11	0	0.0005	-	0.0	-
GRN Isoform 1 of Granulins	IPI00296713	64 kDa	55	65	53	45	95	85	60	49	90	0.0230	0.0461	1.8	1.5
GSN Isoform 2 of Gelsolin	IPI00646773	81 kDa	119	124	152	162	126	109	122	157	117	0.0570	0.6606	0.7	1.0
GSR Isoform Mitochondrial of Glutathione reductase, mito	IPI00016862	56 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
GSS Glutathione synthetase	IPI00010706	52 kDa	4	6	0	0	6	17	5	0	11	0.1584	0.3403	-	2.3
GSTA1 Glutathione S-transferase A1	IPI00657682	26 kDa	10	14	15	11	0	7	12	13	4	0.1488	0.1735	0.3	0.3
GSTM2 Glutathione S-transferase Mu 2	IPI00219067	26 kDa	0	0	6	0	0	0	0	3	0	0.4226	-	0.0	-
GSTM3 Glutathione S-transferase Mu 3	IPI00246975	27 kDa	8	6	7	10	0	0	7	8	0	0.0238	0.0255	0.0	0.0
GSTO1 Glutathione S-transferase omega-1	IPI00019755	28 kDa	6	5	9	12	0	0	5	11	0	0.0188	0.0168	0.0	0.0
GSTP1 Glutathione S-transferase P	IPI00219757	23 kDa	9	10	32	35	6	7	10	34	7	0.0032	0.0649	0.2	0.7
GUCA2A Guanylin	IPI00026926	12 kDa	25	31	20	26	30	31	28	23	30	0.1382	0.5428	1.3	1.1
GUCA2B Guanylate cyclase activator 2B	IPI00003437	12 kDa	2	0	0	0	7	4	1	0	6	0.1067	0.1770	-	5.5
GUSB Isoform Long of Beta-glucuronidase	IPI00027745	75 kDa	17	22	0	3	46	44	19	1	45	0.0017	0.0110	33.0	2.3
GYG1 Isoform GN-1L of Glycogenin-1	IPI00180386	39 kDa	0	0	16	19	0	0	0	18	0	0.0065	-	0.0	-
H1FO Histone H1.0	IPI00550239	21 kDa	0	0	0	3	0	0	0	1	0	0.4226	-	0.0	-
HAVCR2 Isoform 2 of Hepatitis A virus cellular receptor 2	IPI00383032	16 kDa	50	39	50	52	49	41	45	51	45	0.2558	0.9611	0.9	1.0
HBA1;HBA2 Hemoglobin subunit alpha	IPI00410714	15 kDa	102	44	47	129	46	80	73	88	63	0.6274	0.8015	0.7	0.9
HBB Hemoglobin subunit beta	IPI00654755	16 kDa	165	93	101	218	131	164	129	159	147	0.8638	0.6895	0.9	1.1
HEBP1 Heme-binding protein 1	IPI00148063	21 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
HEBP2 HEBP2 protein (Fragment)	IPI00644697	24 kDa	0	2	3	10	0	0	1	7	0	0.1650	0.4226	0.0	0.0
HEG1 Isoform 1 of Protein HEG homolog 1	IPI00297263	147 kDa	8	7	7	8	6	6	7	8	6	0.1415	0.1331	0.8	0.8
HEXA cDNA FLJ53927, highly similar to Beta-hexosaminidase	IPI00027851	62 kDa	16	16	7	5	53	46	16	6	50	0.0074	0.0118	8.0	3.1
HEXB Beta-hexosaminidase subunit beta	IPI00012585	63 kDa	20	12	9	0	44	45	16	5	44	0.0137	0.0220	9.5	2.8
HGFAC Hepatocyte growth factor activator	IPI00029193	71 kDa	15	14	19	11	7	6	14	15	7	0.1755	0.0155	0.5	0.5
HIST1H1B Histone H1.5	IPI00217468	23 kDa	6	9	15	14	9	13	8	14	11	0.2643	0.3499	0.8	1.4

HIST1H1D Histone H1.3	IPI00217466	22 kDa	20	23	17	20	17	12	22	19	15	0.3114	0.1623	0.8	0.7
HIST1H2AB;HIST1H2AE Histone H2A type 1-B/E	IPI00026272	14 kDa	11	14	7	10	19	18	12	8	18	0.0185	0.0601	2.2	1.5
HIST1H2BL Histone H2B type 1-L	IPI00018534	14 kDa	10	12	22	25	20	17	11	23	18	0.1383	0.0557	0.8	1.7
HIST1H4A;HIST1H4F;HIST1H4C;HIST1H4I;HIST1H4L;HIST1H4M	IPI00453473	11 kDa	46	44	44	65	65	67	45	55	66	0.4026	0.0068	1.2	1.5
HIST2H3A;HIST2H3D;HIST2H3C Histone H3.2	IPI00171611	15 kDa	22	26	37	38	36	20	24	38	28	0.3569	0.6893	0.7	1.2
HK3 Hexokinase-3	IPI00005118	99 kDa	0	0	0	3	0	0	0	1	0	0.4226	-	0.0	-
HMCN1 Hemicentin 1	IPI00045512	614 kDa	33	39	54	53	9	19	36	54	14	0.0162	0.0648	0.3	0.4
HMGB1 High mobility group protein B1	IPI00419258	25 kDa	0	0	15	12	0	0	0	14	0	0.0103	-	0.0	-
HMGB2 High mobility group protein B2	IPI00219097	24 kDa	0	0	17	18	0	0	0	18	0	0.0001	-	0.0	-
HNRNPK Isoform 1 of Heterogeneous nuclear ribonucleoprotein K	IPI00216049	51 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
HNT Neurotrimin variant 3	IPI00442294	39 kDa	15	17	17	0	24	19	16	9	21	0.2967	0.1891	2.4	1.3
HPD 4-hydroxyphenylpyruvate dioxygenase	IPI00218297	45 kDa	3	2	0	0	0	0	3	0	0	-	0.0168	-	0.0
HPR 47 kDa protein	IPI00641737	47 kDa	59	48	58	60	210	231	54	59	220	0.0040	0.0047	3.7	4.1
HPX Hemopexin	IPI00022488	52 kDa	180	174	100	95	134	112	177	97	123	0.1475	0.0424	1.3	0.7
HRG Histidine-rich glycoprotein	IPI00022371	60 kDa	8	10	5	7	12	4	9	6	8	0.6688	0.8198	1.4	0.9
HRNR Hornerin	IPI00398625	282 kDa	4	16	24	12	12	0	10	18	6	0.2982	0.7013	0.3	0.6
HRS12 Ribonuclease UK114	IPI00005038	14 kDa	5	5	3	3	7	7	5	3	7	0.0099	0.0117	2.3	1.5
HSP90AA1 heat shock protein 90kDa alpha (cytosolic), class A	IPI00382470	98 kDa	0	3	3	0	0	0	2	2	0	0.4226	0.4226	0.0	0.0
HSPA1B;HSPA1A Heat shock 70 kDa protein 1	IPI00304925	70 kDa	14	12	24	39	0	14	13	32	7	0.1395	0.5137	0.2	0.6
HSPA5 HSPA5 protein	IPI00003362	72 kDa	30	10	20	27	12	0	20	23	6	0.1413	0.3524	0.3	0.3
HSPA8 Isoform 1 of Heat shock cognate 71 kDa protein	IPI00003865	71 kDa	43	36	32	46	34	19	39	39	26	0.3237	0.2506	0.7	0.7
HSPB1 Heat shock protein beta-1	IPI00025512	23 kDa	19	13	58	90	4	0	16	74	2	0.0465	0.0627	0.0	0.1
HSP110 10 kDa heat shock protein, mitochondrial	IPI00220362	11 kDa	0	0	0	7	0	0	0	3	0	0.4226	-	0.0	-
HSPG2 Basement membrane-specific heparan sulfate proteoglycan 2	IPI00024284	469 kDa	388	374	387	368	184	202	381	377	193	0.0050	0.0036	0.5	0.5
HYAL1 Isoform 2 of Hyaluronidase-1	IPI00168847	45 kDa	4	5	0	0	0	0	4	0	0	-	0.0049	-	0.0
ICAM1 Intercellular adhesion molecule 1	IPI00008494	58 kDa	8	12	0	0	6	7	10	0	7	0.0043	0.2290	-	0.7
ICAM2 Intercellular adhesion molecule 2	IPI00009477	31 kDa	11	6	6	4	0	0	8	5	0	0.0285	0.0854	0.0	0.0
ICOSLG Isoform 1 of ICOS ligand	IPI00219131	33 kDa	23	25	32	45	17	15	24	39	16	0.0723	0.0377	0.4	0.7
IDH1 Isocitrate dehydrogenase [NADP] cytoplasmic	IPI00027223	47 kDa	11	6	0	4	0	0	8	2	0	0.4226	0.0854	0.0	0.0
IFI30 Gamma-interferon-inducible lysosomal thiol reductase 1	IPI00007853	29 kDa	12	10	14	14	10	20	11	14	15	0.8261	0.5329	1.1	1.3
IFNAR2 Isoform 1 of Interferon-alpha/beta receptor beta chain	IPI00010193	58 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
Ig heavy chain V-II region WAH	IPI00382539	14 kDa	0	0	0	0	2	0	0	0	1	0.4226	0.4226	-	-
Ig kappa chain V-I region DEE	IPI00387025	12 kDa	11	0	6	0	0	12	6	3	6	0.6917	0.9641	2.0	1.1
Ig kappa chain V-I region Ni	IPI00387106	12 kDa	9	12	6	5	11	12	10	6	12	0.0037	0.4378	2.0	1.1
Ig kappa chain V-I region OU	IPI00387098	12 kDa	0	0	0	18	0	0	0	9	0	0.4226	-	0.0	-
Ig kappa chain V-I region Roy	IPI00387100	12 kDa	0	0	0	0	0	4	0	0	2	0.4226	0.4226	-	-
Ig kappa chain V-III region #REF!	IPI00387113	12 kDa	9	10	0	0	0	0	10	0	0	-	0.0049	-	0.0
Ig kappa chain V-III region #REF! (Fragment)	IPI00387116	11 kDa	21	20	0	0	20	0	20	0	10	0.4226	0.4088	-	0.5
Ig kappa chain V-III region CLL	IPI00385253	14 kDa	0	0	8	0	20	0	0	4	10	0.6381	0.4226	2.5	-
Ig kappa chain V-III region IARC/#REF!	IPI00386131	14 kDa	0	0	0	0	0	4	0	0	2	0.4226	0.4226	-	-
Ig kappa chain V-IV region JI	IPI00386132	15 kDa	24	23	21	12	36	35	24	17	36	0.0466	0.0021	2.2	1.5
IGF2R Cation-independent mannose-6-phosphate receptor 2	IPI00289819	274 kDa	83	69	12	19	47	37	76	15	42	0.0546	0.0598	2.7	0.6
IGFBP2 Insulin-like growth factor-binding protein 2	IPI00297284	35 kDa	18	22	39	50	12	18	20	45	15	0.0396	0.2771	0.3	0.8
IGFBP3 Insulin-like growth factor-binding protein 3	IPI00018305	32 kDa	5	6	7	10	5	0	5	8	2	0.1766	0.3693	0.3	0.5
IGFBP6 Insulin-like growth factor-binding protein 6	IPI00029235	25 kDa	0	0	3	0	0	0	0	2	0	0.4226	-	0.0	-
IGFBP7 Insulin-like growth factor-binding protein 7	IPI00016915	29 kDa	171	143	173	193	68	77	157	183	73	0.0102	0.0291	0.4	0.5
IGHA1;IGHV3OR16-13 IGH1 protein	IPI00166866	53 kDa	190	210	221	229	175	186	200	225	180	0.0200	0.2228	0.8	0.9

IGHG1 IGHG1 protein	IPI00448925	60 kDa	356	358	469	456	463	469	357	463	466	0.6788	0.0010	1.0	1.3
IGHG3 IGHG3 protein	IPI00472345	57 kDa	0	0	370	349	315	344	0	360	329	0.2404	0.0020	0.9	-
IGHG4 IGHG4 protein	IPI00550640	52 kDa	181	205	0	0	235	270	193	0	252	0.0046	0.1060	-	1.3
IGHM IGHM protein	IPI00472610	53 kDa	424	415	537	520	515	531	419	529	523	0.6641	0.0078	1.0	1.2
IGHM IGHM protein	IPI00549291	66 kDa	79	98	117	121	93	95	88	119	94	0.0078	0.6223	0.8	1.1
IGJ immunoglobulin J chain	IPI00178926	18 kDa	21	24	20	20	10	18	23	20	14	0.2529	0.1728	0.7	0.6
IGKC IGKC protein	IPI00909649	26 kDa	585	555	0	0	831	902	570	0	866	0.0017	0.0165	-	1.5
IGKC IGKC protein	IPI00845354	25 kDa	525	490	0	0	755	824	507	0	789	0.0019	0.0184	-	1.6
IGKV1-5 IGKV1-5 protein	IPI00419424	26 kDa	581	549	332	400	825	903	565	366	864	0.0107	0.0195	2.4	1.5
IGKV2-24 IGKV2-24 protein	IPI00440577	26 kDa	578	540	337	410	817	889	559	373	853	0.0112	0.0185	2.3	1.5
IGKV3-20 IGK@ protein	IPI00889156	26 kDa	583	556	344	404	832	902	570	374	867	0.0087	0.0155	2.3	1.5
IGKV3D-11 Similar to Ig kappa chain V-III region VG precurs	IPI00784430	13 kDa	14	10	9	7	12	9	12	8	11	0.2704	0.6512	1.4	0.9
IGL@ IGL@ protein	IPI00829877	25 kDa	209	196	0	0	204	242	202	0	223	0.0073	0.4141	-	1.1
IGL@ IGL@ protein	IPI00745660	25 kDa	185	180	126	124	160	193	182	125	177	0.0860	0.7571	1.4	1.0
IGLV1-40 V1-13 protein (Fragment)	IPI00789259	10 kDa	0	0	2	0	4	0	0	1	2	0.7778	0.4226	1.6	-
IGLV1-44 Anti-streptococcal/anti-myosin immunoglobulin	IPI00827522	12 kDa	17	9	8	22	20	20	13	15	20	0.5373	0.2188	1.3	1.5
IGLV2-18 V1-5 protein	IPI00553215	13 kDa	2	0	7	5	0	5	1	6	2	0.2623	0.6482	0.4	2.4
IGLV3-27 V2-19 protein	IPI00552852	12 kDa	6	0	0	0	0	0	3	0	0	-	0.4226	-	0.0
IGSF8 Isoform 1 of Immunoglobulin superfamily member 8	IPI00056478	65 kDa	40	40	25	34	37	27	40	30	32	0.7432	0.2588	1.1	0.8
IL10RB Protein	IPI00788962	34 kDa	8	6	3	0	0	0	7	2	0	0.4226	0.0255	0.0	0.0
IL18BP interleukin 18 binding protein precursor	IPI00220525	21 kDa	28	29	38	33	0	18	28	35	9	0.1035	0.1587	0.3	0.3
IL1RN Isoform 1 of Interleukin-1 receptor antagonist protei	IPI00000045	20 kDa	4	0	3	5	0	0	2	4	0	0.0456	0.4226	0.0	0.0
IL2RA Interleukin-2 receptor alpha chain	IPI00003101	31 kDa	2	2	2	0	0	0	2	1	0	0.4226	0.0049	0.0	0.0
IL6ST Isoform 1 of Interleukin-6 receptor subunit beta	IPI00297124	104 kDa	29	20	19	16	21	18	24	17	19	0.4265	0.4347	1.1	0.8
Immunglobulin heavy chain variable region (Fragment)	IPI00783287	13 kDa	65	77	68	76	0	0	71	72	0	0.0030	0.0073	0.0	0.0
Immunoglobulin kappa, VJ region (Fragment)	IPI00827580	12 kDa	4	3	0	0	0	0	4	0	0	-	0.0053	-	0.0
INHBC Inhibin beta C chain	IPI00023314	38 kDa	2	2	0	0	0	0	2	0	0	-	0.0049	-	0.0
IQGAP1 Ras GTPase-activating-like protein IQGAP1	IPI00009342	189 kDa	8	5	0	0	0	0	6	0	0	-	0.0654	-	0.0
ISLR Immunoglobulin superfamily containing leucine-rich r	IPI00023648	46 kDa	20	20	0	0	11	13	20	0	12	0.0055	0.0143	-	0.6
ITGA3 Isoform Alpha-3A of Integrin alpha-3	IPI00215995	117 kDa	4	0	0	0	0	2	2	0	1	0.4226	0.7584	-	0.6
ITGAM Integrin alpha-M	IPI00217987	127 kDa	0	0	0	5	0	0	0	3	0	0.4226	-	0.0	-
ITGAV Isoform 1 of Integrin alpha-V	IPI00027505	116 kDa	5	0	0	0	0	0	3	0	0	-	0.4226	-	0.0
ITGB1 Isoform Beta-1A of Integrin beta-1	IPI00217563	88 kDa	3	0	0	0	5	0	2	0	2	0.4226	0.7663	-	1.7
ITGB2 Integrin beta	IPI00103356	78 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
ITIH1 Inter-alpha-trypsin inhibitor heavy chain H1	IPI00292530	101 kDa	13	7	0	0	0	0	10	0	0	-	0.0821	-	0.0
ITIH2 Inter-alpha-trypsin inhibitor heavy chain H2	IPI00305461	106 kDa	20	16	0	0	0	0	18	0	0	-	0.0113	-	0.0
ITIH3 Isoform 1 of Inter-alpha-trypsin inhibitor heavy chain	IPI00028413	100 kDa	5	7	0	0	0	0	6	0	0	-	0.0248	-	0.0
ITIH4 100 kDa protein	IPI00896413	100 kDa	188	252	174	143	111	115	220	158	113	0.0982	0.0792	0.7	0.5
ITIH5 inter-alpha trypsin inhibitor heavy chain precursor 5	IPI00328829	106 kDa	6	3	0	0	0	0	5	0	0	-	0.0654	-	0.0
IVL cDNA FLJ61407, highly similar to Involucrin	IPI00011692	70 kDa	35	44	151	127	11	11	39	139	11	0.0086	0.0230	0.1	0.3
JAG1 Protein jagged-1	IPI00099650	134 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
JUP Junction plakoglobin	IPI00554711	82 kDa	7	2	0	0	19	0	5	0	9	0.4226	0.6749	-	2.0
KIAA0174 Isoform 1 of Uncharacterized protein KIAA0174	IPI00024660	40 kDa	55	45	68	61	20	21	50	65	21	0.0065	0.0287	0.3	0.4
KIAA1549 Isoform 1 of UPF0606 protein KIAA1549	IPI00896475	203 kDa	6	7	3	4	5	0	6	4	2	0.6575	0.2572	0.7	0.4
KIF12 Kinesin-like protein KIF12	IPI00062047	71 kDa	2	2	0	0	0	0	2	0	0	-	0.0049	-	0.0
KIRREL Isoform 1 of Kin of IRRE-like protein 1	IPI00470360	84 kDa	4	0	0	0	4	0	2	0	2	0.4226	0.9653	-	0.9
KL Isoform 1 of Klotho	IPI00295265	116 kDa	0	0	9	0	0	0	0	5	0	0.4226	-	0.0	-



KLK1 Kallikrein-1	IPI00304808	29 kDa	67	76	74	78	51	57	72	76	54	0.0227	0.0809	0.7	0.8
KLK13 Kallikrein-13	IPI00007726	31 kDa	5	3	8	8	0	0	4	8	0	0.0000	0.0318	0.0	0.0
KLK3 Prostate-specific antigen	IPI00010858	29 kDa	49	38	0	0	0	0	44	0	0	-	0.0156	-	0.0
KLK6 Isoform 1 of Kallikrein-6	IPI00023845	27 kDa	0	0	2	3	0	0	0	3	0	0.0065	-	0.0	-
KNG1 Isoform LMW of Kininogen-1	IPI00215894	48 kDa	742	744	882	976	468	493	743	929	480	0.0116	0.0023	0.5	0.6
KPRP Keratinocyte proline-rich protein	IPI00514908	64 kDa	6	12	7	8	10	0	9	8	5	0.6575	0.5743	0.7	0.6
KRT1 Keratin, type II cytoskeletal 1	IPI00220327	66 kDa	648	623	1032	863	632	521	636	947	577	0.0664	0.4066	0.6	0.9
KRT10 Keratin, type I cytoskeletal 10	IPI00009865	60 kDa	502	488	842	782	479	423	495	812	451	0.0126	0.2627	0.6	0.9
KRT13 Isoform 1 of Keratin, type I cytoskeletal 13	IPI00009866	50 kDa	34	0	159	165	40	27	17	162	33	0.0030	0.4590	0.2	2.0
KRT14 Keratin, type I cytoskeletal 14	IPI00384444	52 kDa	167	180	318	246	192	150	173	282	171	0.1149	0.9180	0.6	1.0
KRT18 Keratin, type I cytoskeletal 18	IPI00554788	48 kDa	0	0	78	68	0	0	0	73	0	0.0042	-	0.0	-
KRT2 Keratin, type II cytoskeletal 2 epidermal	IPI00021304	66 kDa	389	357	559	424	341	290	373	491	315	0.1357	0.1950	0.6	0.8
KRT27 Keratin, type I cytoskeletal 27	IPI00328103	50 kDa	57	68	81	63	65	0	62	72	32	0.3609	0.4551	0.5	0.5
KRT34 keratin 34	IPI00292715	49 kDa	0	0	0	0	0	31	0	0	15	0.4226	0.4226	-	-
KRT5 Keratin, type II cytoskeletal 5	IPI00009867	62 kDa	163	145	292	233	172	139	154	262	156	0.0862	0.9427	0.6	1.0
KRT6A Keratin, type II cytoskeletal 6A	IPI00300725	60 kDa	139	131	298	238	157	136	135	268	146	0.0606	0.4193	0.5	1.1
KRT78 Isoform 2 of Keratin, type II cytoskeletal 78	IPI00166205	57 kDa	0	0	0	0	7	0	0	0	4	0.4226	0.4226	-	-
KRT8 Keratin, type II cytoskeletal 8	IPI00554648	54 kDa	0	0	139	127	0	0	0	133	0	0.0021	-	0.0	-
KRT9 Keratin, type I cytoskeletal 9	IPI00019359	62 kDa	299	270	467	261	358	207	284	364	283	0.5880	0.9840	0.8	1.0
KRTAP13-2 Keratin-associated protein 13-2	IPI00373959	19 kDa	0	0	0	0	0	5	0	0	2	0.4226	0.4226	-	-
KRTAP13-4 Keratin-associated protein 13-4	IPI00373947	18 kDa	0	0	0	0	0	4	0	0	2	0.4226	0.4226	-	-
L1CAM Isoform 1 of Neural cell adhesion molecule L1	IPI00027087	140 kDa	28	31	24	29	4	4	30	26	4	0.0087	0.0036	0.1	0.1
LAIR1 Isoform 2 of Leukocyte-associated immunoglobulin-1	IPI00028015	30 kDa	61	56	57	64	42	53	59	60	48	0.1940	0.2043	0.8	0.8
LAMA5 Laminin subunit alpha-5	IPI00783665	400 kDa	7	12	15	15	0	0	9	15	0	0.0000	0.0547	0.0	0.0
LAMB1 Laminin subunit beta-1	IPI00013976	198 kDa	0	0	0	0	4	0	0	0	2	0.4226	0.4226	-	-
Lambda-chain	IPI00827875	25 kDa	233	211	167	180	230	233	222	173	231	0.0128	0.4820	1.3	1.0
LAMC1 Laminin subunit gamma-1	IPI00298281	178 kDa	17	8	6	4	4	0	13	5	2	0.2729	0.1585	0.4	0.1
LAMP1 Lysosome-associated membrane glycoprotein 1	IPI00884105	45 kDa	18	24	22	29	40	41	21	25	41	0.0459	0.0258	1.6	1.9
LAMP2 Isoform LAMP-2A of Lysosome-associated membrane glycoprotein 2	IPI00009030	45 kDa	42	43	46	54	61	52	42	50	56	0.4202	0.0870	1.1	1.3
LAYN Isoform 2 of Layilin	IPI00744423	42 kDa	5	3	0	0	0	5	4	0	2	0.4226	0.5318	-	0.6
LBP Lipopolysaccharide-binding protein	IPI00032311	53 kDa	5	7	0	0	0	0	6	0	0	-	0.0248	-	0.0
LCAT Phosphatidylcholine-sterol acyltransferase	IPI00022331	50 kDa	8	6	7	7	5	6	7	7	5	0.0936	0.3582	0.8	0.8
LCN1 Lipocalin-1	IPI00009650	19 kDa	9	7	0	0	7	12	8	0	10	0.0475	0.5576	-	1.2
LCN2 Neutrophil gelatinase-associated lipocalin	IPI00299547	23 kDa	19	23	115	106	37	38	21	110	38	0.0033	0.0148	0.3	1.8
LCP1 Plastin-2	IPI00010471	70 kDa	0	0	68	50	0	4	0	59	2	0.0243	0.4226	0.0	-
LDHA Isoform 1 of L-lactate dehydrogenase A chain	IPI00217966	37 kDa	20	15	41	46	0	15	17	43	8	0.0490	0.3491	0.2	0.4
LDHB L-lactate dehydrogenase B chain	IPI00219217	37 kDa	42	36	43	34	14	20	39	38	17	0.0582	0.0394	0.4	0.4
LEAP2 Liver-expressed antimicrobial peptide 2	IPI00056309	9 kDa	15	15	9	10	9	8	15	9	8	0.0705	0.0011	0.9	0.6
LGALS3 Galectin-3	IPI00465431	26 kDa	12	3	14	7	0	0	8	10	0	0.0999	0.2122	0.0	0.0
LGALS3BP Galectin-3-binding protein	IPI00023673	65 kDa	227	242	320	351	275	291	234	335	283	0.0978	0.0473	0.8	1.2
LGALS9 Isoform Long of Galectin-9	IPI00010477	40 kDa	13	13	6	0	6	7	13	3	7	0.3275	0.0057	2.3	0.5
LHB Lutropin subunit beta	IPI00000854	15 kDa	5	0	0	3	0	0	3	1	0	0.4226	0.4226	0.0	0.0
LIFR Leukemia inhibitory factor receptor	IPI00444272	124 kDa	4	3	0	0	0	0	4	0	0	-	0.0053	-	0.0
LILRA5 Isoform 1 of Leukocyte immunoglobulin-like receptor 5	IPI00158145	33 kDa	7	0	0	0	0	0	4	0	0	-	0.4226	-	0.0
LMAN2 Vesicular integral-membrane protein VIP36	IPI00009950	40 kDa	132	144	101	103	87	87	138	102	87	0.0088	0.0137	0.9	0.6
LMNA Isoform A of Lamin-A/C	IPI00021405	74 kDa	0	0	0	8	0	0	0	4	0	0.4226	-	0.0	-
LNPEP Isoform 2 of Leucyl-cystinyl aminopeptidase	IPI00221240	116 kDa	3	5	0	0	0	0	4	0	0	-	0.0419	-	0.0

LOC100126583 cDNA FLJ41981 fis, clone SMINT2011888, h	IPI00784830	53 kDa	128	147	169	170	131	134	138	170	132	0.0018	0.6244	0.8	1.0
LOC100132802;KRTAP3-1 Keratin-associated protein 3-1	IPI00011212	11 kDa	0	0	0	0	0	2	0	0	1	0.4226	0.4226	-	-
LOC100133739 Putative uncharacterized protein DKFZp68	IPI00426051	51 kDa	302	309	413	400	399	414	305	407	406	0.9742	0.0062	1.0	1.3
LOC124220 Uncharacterized protein UNQ773/PRO1567	IPI00060800	23 kDa	39	37	60	65	6	5	38	63	5	0.0022	0.0016	0.1	0.1
LOC284422 Transmembrane protein HSPC323	IPI00024925	15 kDa	3	3	0	0	0	0	3	0	0	-	0.0049	-	0.0
LOC388344 similar to RPL13 protein	IPI00397611	24 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
LOC642103 similar to hCG1811191	IPI00741768	170 kDa	311	260	69	76	337	317	286	73	327	0.0018	0.2696	4.5	1.1
LOC642131 similar to hCG1812074	IPI00887332	51 kDa	0	0	0	0	10	0	0	0	5	0.4226	0.4226	-	-
LOC652113 Immunglobulin heavy chain variable region (Fr	IPI00745363	14 kDa	8	0	0	0	0	24	4	0	12	0.4226	0.5948	-	3.0
LOC728285;LOC730755;KRTAP2-4;KAP2.1B;LOC644350;LO	IPI00013265	13 kDa	0	0	0	0	0	5	0	0	2	0.4226	0.4226	-	-
LPA Apolipoprotein(a)	IPI00029168	501 kDa	62	65	47	41	27	25	63	44	26	0.0364	0.0023	0.6	0.4
LPHN1 Isoform 1 of Latrophilin-1	IPI00183445	163 kDa	5	0	0	0	0	0	3	0	0	-	0.4226	-	0.0
LRG1 Leucine-rich alpha-2-glycoprotein	IPI00022417	38 kDa	149	139	31	34	214	223	144	33	219	0.0007	0.0081	6.7	1.5
LRP1 Prolow-density lipoprotein receptor-related protein 1	IPI00020557	505 kDa	7	0	13	16	0	0	4	15	0	0.0150	0.4226	0.0	0.0
LRP10 Isoform 1 of Low-density lipoprotein receptor-relate	IPI00414231	76 kDa	6	7	0	0	0	0	6	0	0	-	0.0049	-	0.0
LRP2 Low-density lipoprotein receptor-related protein 2	IPI00024292	522 kDa	1196	1076	543	485	1165	1006	1136	514	1086	0.0213	0.6645	2.1	1.0
LRRC15 Leucine-rich repeat-containing protein 15	IPI00152871	64 kDa	5	6	0	0	2	4	5	0	3	0.0294	0.0683	-	0.6
LRRN4 Leucine-rich repeat neuronal protein 4	IPI00216345	79 kDa	5	0	0	0	0	0	3	0	0	-	0.4226	-	0.0
LTBP1 latent transforming growth factor beta binding prot	IPI00302679	153 kDa	0	6	0	0	5	0	3	0	2	0.4226	0.9273	-	0.9
LTBP2 Latent-transforming growth factor beta-binding pro	IPI00292150	195 kDa	55	44	68	63	27	28	49	65	28	0.0058	0.0623	0.4	0.6
LTBP4 Isoform 2 of Latent-transforming growth factor beta	IPI00783492	166 kDa	10	8	9	10	0	9	9	9	5	0.4277	0.4667	0.5	0.5
LUM Lumican	IPI00020986	38 kDa	36	36	12	18	31	39	36	15	35	0.0552	0.8581	2.4	1.0
LY6D Lymphocyte antigen 6D	IPI00029510	13 kDa	4	0	0	0	11	15	2	0	13	0.0238	0.0598	-	6.6
LY6H Lymphocyte antigen 6 complex, locus H isoform b	IPI00014964	17 kDa	7	7	6	4	17	19	7	5	18	0.0073	0.0045	3.7	2.6
LYNX1 Ly-6 neurotoxin-like protein 1 isoform a	IPI00218851	14 kDa	20	13	19	18	11	15	16	18	13	0.1510	0.5441	0.7	0.8
LYPD3 Ly6/PLAUR domain-containing protein 3	IPI00004310	36 kDa	0	0	29	18	0	0	23	0	0	0.0535	-	0.0	-
LYPLA1 cDNA FLJ60607, highly similar to Acyl-protein thioe	IPI00007321	28 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
LYVE1 Lymphatic vessel endothelial hyaluronic acid recept	IPI00290856	35 kDa	39	47	12	7	167	144	43	9	155	0.0061	0.0111	16.9	3.6
LYZ Lysozyme C	IPI00019038	17 kDa	17	15	46	45	12	9	16	46	11	0.0022	0.1075	0.2	0.7
MADCAM1 Isoform 1 of Mucosal addressin cell adhesion n	IPI00289931	40 kDa	20	18	16	8	15	8	19	12	12	0.9203	0.1556	1.0	0.6
MAN1A1 Mannosidase, alpha, class 1A, member 1, isoform	IPI00439446	75 kDa	15	21	25	18	5	0	18	22	2	0.0537	0.0559	0.1	0.1
MAN2A1 Alpha-mannosidase 2	IPI00003802	131 kDa	13	14	0	0	0	0	13	0	0	-	0.0009	-	0.0
MAN2B1 Lysosomal alpha-mannosidase	IPI00012989	114 kDa	0	0	0	0	5	4	0	0	4	0.0270	0.0270	-	-
MAN2B2 Isoform 1 of Epididymis-specific alpha-mannosid:	IPI00328488	114 kDa	17	9	3	0	30	30	13	2	30	0.0039	0.0509	17.1	2.3
MANBA Beta-mannosidase	IPI00298793	101 kDa	43	51	19	20	51	46	47	19	49	0.0080	0.7440	2.5	1.0
MAPK1 Mitogen-activated protein kinase 1	IPI00003479	41 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
MAPRE1 Microtubule-associated protein RP/EB family mer	IPI00017596	30 kDa	0	0	5	0	0	0	0	2	0	0.4226	-	0.0	-
MARCKS Myristoylated alanine-rich C-kinase substrate	IPI00219301	32 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
MASP2 Isoform 1 of Mannan-binding lectin serine protease	IPI00294713	76 kDa	120	146	63	49	58	56	133	56	57	0.8744	0.0289	1.0	0.4
MATN4 matrilin 4 isoform 3 precursor	IPI00012325	55 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
MCAM Isoform 1 of Cell surface glycoprotein MUC18	IPI00016334	72 kDa	25	23	16	0	12	14	24	8	13	0.5884	0.0147	1.6	0.6
MDH1 Malate dehydrogenase, cytoplasmic	IPI00291005	36 kDa	4	7	5	8	0	0	5	6	0	0.0687	0.0644	0.0	0.0
MDH2 Malate dehydrogenase, mitochondrial	IPI00291006	36 kDa	6	0	2	0	0	0	3	1	0	0.4226	0.4226	0.0	0.0
MEGF8 Isoform 1 of Multiple epidermal growth factor-like	IPI00027310	303 kDa	56	28	7	10	27	24	42	8	26	0.0168	0.3719	3.1	0.6
MEGF9 Multiple epidermal growth factor-like domains 9	IPI00401283	63 kDa	6	9	0	4	4	4	8	2	4	0.5168	0.1326	1.8	0.5
MFAP4 Microfibril-associated glycoprotein 4	IPI00022792	29 kDa	0	0	3	0	0	0	0	2	0	0.4226	-	0.0	-
MF12 Isoform 1 of Melanotransferrin	IPI00029275	80 kDa	22	13	22	26	9	0	17	24	4	0.0544	0.1788	0.2	0.3

MGAM Maltase-glucoamylase, intestinal	IPI00220143	210 kDa	405	334	79	83	435	397	370	81	416	0.0033	0.3657	5.1	1.1
MIA3 Isoform 1 of Melanoma inhibitory activity protein 3	IPI00455473	214 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
MIIF;LOC284889 Macrophage migration inhibitory factor	IPI00293276	12 kDa	3	3	0	0	4	4	3	0	4	0.0006	0.2366	-	1.1
MME Neprilysin	IPI00247063	86 kDa	77	68	17	7	7	6	72	12	7	0.4179	0.0048	0.6	0.1
MMP7 Matrilysin	IPI00013400	30 kDa	9	9	2	5	0	0	9	4	0	0.1314	0.0001	0.0	0.0
MMP8 Neutrophil collagenase	IPI00027846	53 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
MMP9 Matrix metalloproteinase-9	IPI00027509	78 kDa	0	0	79	67	5	4	0	73	4	0.0077	0.0270	0.1	-
MMRN1 Multimerin-1	IPI00012269	138 kDa	0	0	0	0	0	6	0	0	3	0.4226	0.4226	-	-
MMRN2 Multimerin-2	IPI00015525	104 kDa	14	14	15	22	9	2	14	18	6	0.1084	0.1185	0.3	0.4
MNDA Myeloid cell nuclear differentiation antigen	IPI00013163	46 kDa	0	0	10	8	0	0	0	9	0	0.0143	-	0.0	-
MOC52 Molybdenum cofactor synthesis protein 2 small subunit	IPI00002968	10 kDa	7	7	2	0	2	4	7	1	3	0.2816	0.0177	2.6	0.4
MPO Isoform H17 of Myeloperoxidase	IPI00007244	84 kDa	0	0	292	255	6	0	0	273	3	0.0048	0.4226	0.0	-
MPST 3-mercaptopyruvate sulfurtransferase	IPI00165360	33 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
MPZL1 Isoform 1 of Myelin protein zero-like protein 1	IPI00022558	29 kDa	2	0	0	0	0	4	1	0	2	0.4226	0.7406	-	1.8
MRCL3 Myosin regulatory light chain MRCL3 variant	IPI00604523	20 kDa	0	0	10	12	0	0	11	0	0	0.0065	-	0.0	-
MSLN Isoform 2 of Mesothelin	IPI00025110	68 kDa	10	13	0	0	2	5	11	0	4	0.0844	0.0473	-	0.3
MSMB Isoform PSP94 of Beta-microseminoprotein	IPI00414609	13 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
MSN Moesin	IPI00219365	68 kDa	64	54	117	90	46	39	59	103	43	0.0488	0.1116	0.4	0.7
MST1 macrophage stimulating 1	IPI00292218	82 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
MUC1 Isoform 1 of Mucin-1	IPI00013955	122 kDa	53	58	59	71	46	45	55	65	45	0.0811	0.0532	0.7	0.8
MUC20 Isoform 1 of Mucin-20	IPI00885179	72 kDa	23	28	35	31	17	13	25	33	15	0.0236	0.0873	0.5	0.6
MUC5B mucin 5, subtype B, tracheobronchial	IPI00855918	597 kDa	3	0	7	5	0	0	2	6	0	0.0143	0.4226	0.0	0.0
MUC6 mucin 6, gastric	IPI00401776	257 kDa	27	26	7	15	4	0	27	11	2	0.1763	0.0057	0.2	0.1
MUPCDH Isoform 3 of Mucin and cadherin-like protein	IPI00180687	53 kDa	10	10	0	0	0	7	10	0	4	0.4226	0.2026	-	0.3
MXRA5 Matrix-remodeling-associated protein 5	IPI00012347	312 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
MXRA8 Isoform 2 of Matrix-remodeling-associated protein	IPI00153049	50 kDa	52	52	90	106	16	18	52	98	17	0.0095	0.0005	0.2	0.3
MYH9 Isoform 1 of Myosin-9	IPI00019502	227 kDa	13	6	146	124	0	0	9	135	0	0.0066	0.1222	0.0	0.0
MYL6B;MYL6 Isoform Non-muscle of Myosin light polypeptide chain	IPI00335168	17 kDa	3	3	12	22	5	5	3	17	5	0.1465	0.0245	0.3	1.5
MYLK Isoform 2 of Myosin light chain kinase, smooth muscle	IPI00221255	203 kDa	0	5	3	4	0	6	2	4	3	0.8076	0.8780	0.8	1.3
MYO1C myosin IC isoform a	IPI00743335	122 kDa	15	7	7	0	10	8	11	3	9	0.2552	0.6990	2.6	0.8
MYO1D Isoform 1 of Myosin-I d	IPI00329719	116 kDa	4	3	0	0	0	0	4	0	0	-	0.0053	-	0.0
Myosin-reactive immunoglobulin light chain variable region	IPI00829980	12 kDa	0	8	0	0	0	4	4	0	2	0.4226	0.6591	-	0.4
NAGA Alpha-N-acetylgalactosaminidase	IPI00414909	47 kDa	14	12	0	0	36	32	13	0	34	0.0037	0.0127	-	2.7
NAGLU Alpha-N-acetylglucosaminidase	IPI00008787	82 kDa	60	78	17	23	70	65	69	20	67	0.0061	0.8642	3.3	1.0
NAPSA Napsin-A	IPI00014055	45 kDa	14	10	6	4	9	14	12	5	11	0.1514	0.8432	2.3	0.9
NCAM1 Isoform 2 of Neural cell adhesion molecule 1	IPI00435020	93 kDa	16	14	10	11	40	20	15	11	30	0.1894	0.2685	2.8	2.0
NCCRP1 FBA domain-containing protein LOC342897	IPI00247167	31 kDa	0	0	6	15	0	0	0	10	0	0.1523	-	0.0	-
NEGR1 Neuronal growth regulator 1	IPI00176221	39 kDa	23	26	13	0	21	26	25	6	24	0.1276	0.7332	3.7	1.0
NEO1 Isoform 1 of Neogenin	IPI00023814	160 kDa	8	10	8	4	6	7	9	6	7	0.8107	0.1830	1.1	0.7
NEU1 Sialidase-1	IPI00029817	45 kDa	24	13	0	0	4	5	18	0	4	0.0136	0.1313	-	0.2
NGFR Tumor necrosis factor receptor superfamily member 1	IPI00027436	45 kDa	20	18	27	31	12	14	19	29	13	0.0246	0.0374	0.5	0.7
NHLRC3 NHL repeat-containing protein 3	IPI00552937	38 kDa	11	12	2	0	14	13	11	1	13	0.0097	0.0395	11.5	1.2
NID1 Isoform 1 of Nidogen-1	IPI00026944	136 kDa	52	58	22	29	17	25	55	25	21	0.4884	0.0185	0.8	0.4
NME2 Nucleoside diphosphate kinase	IPI00604590	33 kDa	3	8	9	11	0	6	10	0	0	0.0065	0.1605	0.0	0.0
NOMO3;NOMO1 Nodal modulator 1	IPI00329352	134 kDa	3	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
NOV Protein NOV homolog	IPI00011140	39 kDa	28	21	22	26	7	15	24	24	11	0.1046	0.1373	0.5	0.5
NP cDNA FLJ25678 fis, clone TST04067, highly similar to PU	IPI00017672	33 kDa	0	0	5	0	0	0	0	2	0	0.4226	-	0.0	-

NPC2 cDNA FLJ59142, highly similar to Epididymal secretor	IPI00301579	22 kDa	68	59	53	52	98	123	63	53	111	0.0425	0.0699	2.1	1.7
NQO2 Ribosyldihyronicotinamide dehydrogenase [quinor	IPI00219129	26 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
NRAS GTPase NRas	IPI00000005	21 kDa	0	5	0	0	0	0	2	0	0	-	0.4226	-	0.0
NRCAM Isoform 1 of Neuronal cell adhesion molecule	IPI00333776	144 kDa	5	3	0	0	0	0	4	0	0	-	0.0318	-	0.0
NUCB1 Nucleobindin-1	IPI00295542	54 kDa	16	17	13	15	0	0	17	14	0	0.0065	0.0015	0.0	0.0
NUDT1 Isoform p26 of 7,8-dihydro-8-oxoguanine triphosph	IPI00004392	23 kDa	10	8	0	0	6	7	9	0	7	0.0043	0.1548	-	0.7
NUTF2 Nuclear transport factor 2	IPI00009901	14 kDa	14	14	9	11	9	6	14	10	7	0.2291	0.0422	0.7	0.5
OLFM4 Olfactomedin-4	IPI00022255	57 kDa	18	16	31	18	19	21	17	24	20	0.5803	0.2134	0.8	1.2
OLR1 Oxidized low-density lipoprotein receptor 1	IPI00001759	31 kDa	5	3	14	14	0	0	4	14	0	0.0001	0.0318	0.0	0.0
OPCML Opioid-binding protein/cell adhesion molecule	IPI00001662	38 kDa	13	10	13	10	16	18	12	11	17	0.0824	0.0751	1.5	1.5
ORM1 Alpha-1-acid glycoprotein 1	IPI00022429	24 kDa	165	189	88	93	366	348	177	90	357	0.0012	0.0069	3.9	2.0
ORM2 Alpha-1-acid glycoprotein 2	IPI00020091	24 kDa	123	132	57	60	285	281	128	58	283	0.0001	0.0011	4.9	2.2
OSCAR Isoform 6 of Osteoclast associated immunoglobulin	IPI00107731	28 kDa	22	29	28	35	31	21	25	32	26	0.4756	0.9072	0.8	1.0
OSTF1 Osteoclast-stimulating factor 1	IPI00414836	24 kDa	0	0	5	10	0	0	0	7	0	0.1018	-	0.0	-
P4HB Protein disulfide-isomerase	IPI00010796	57 kDa	0	6	15	18	0	0	3	16	0	0.0065	0.4226	0.0	0.0
P76 Putative phospholipase B-like 2	IPI00169285	65 kDa	17	9	2	0	36	32	13	1	34	0.0052	0.0418	29.4	2.6
PACSN3 Protein kinase C and casein kinase substrate in ne	IPI00329572	48 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
PAPPA2 Isoform 1 of Pappalysin-2	IPI00013569	199 kDa	147	144	29	31	87	74	145	30	81	0.0156	0.0098	2.7	0.6
PARK7 Protein DJ-1	IPI00298547	20 kDa	11	10	7	5	0	5	11	6	2	0.2623	0.0733	0.4	0.2
PCBD1 Pterin-4-alpha-carbinolamine dehydratase	IPI00218568	12 kDa	2	0	0	0	2	2	1	0	2	0.0006	0.2907	-	2.4
PCBP1 Poly(rC)-binding protein 1	IPI00016610	37 kDa	4	0	13	14	0	0	2	13	0	0.0011	0.4226	0.0	0.0
PCDH1 Isoform 1 of Protocadherin-1	IPI00000024	115 kDa	32	33	0	5	19	22	33	3	21	0.0330	0.0268	7.5	0.6
PCDH12 PCDH12 protein	IPI00009851	129 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
PCDH19 Isoform 2 of Protocadherin-19	IPI00290350	121 kDa	3	0	0	0	2	2	2	0	2	0.0006	0.6003	-	1.6
PCDH24 Protocadherin-24	IPI00307446	142 kDa	38	46	35	41	95	98	42	38	96	0.0037	0.0066	2.5	2.3
PCDH9 Isoform 2 of Protocadherin-9	IPI00006967	132 kDa	4	3	3	5	5	7	4	4	6	0.3906	0.1694	1.4	1.6
PCDHA9 Isoform 1 of Protocadherin alpha-9	IPI00001493	102 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
PCDHGA12;PCDHGC3 Isoform 1 of Protocadherin gamma-C	IPI00001872	101 kDa	10	12	13	8	0	0	11	10	0	0.0445	0.0049	0.0	0.0
PCOLCE Procollagen C-endopeptidase enhancer 1	IPI00299738	48 kDa	25	25	15	14	24	20	25	14	22	0.0586	0.2035	1.5	0.9
PCOLCE2 Procollagen C-endopeptidase enhancer 2	IPI00002543	46 kDa	3	3	0	0	0	2	3	0	1	0.4226	0.2314	-	0.4
PCSK1N ProSAAS	IPI00002280	27 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
PCYOX1 Prenylcysteine oxidase 1	IPI00384280	57 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
PDCD1LG2 Isoform 1 of Programmed cell death 1 ligand 2	IPI00414542	31 kDa	14	13	14	16	0	5	13	15	2	0.0409	0.0466	0.2	0.2
PDCD6 Programmed cell death protein 6	IPI00025277	22 kDa	8	8	8	10	2	6	8	9	4	0.1304	0.1545	0.5	0.5
PDCD6IP PDCD6IP protein	IPI00246058	97 kDa	67	61	39	35	12	13	64	37	13	0.0065	0.0034	0.3	0.2
PDGFRB Beta-type platelet-derived growth factor receptor	IPI00015902	124 kDa	13	5	6	7	0	5	9	6	2	0.2453	0.3130	0.4	0.3
PEBP1 Phosphatidylethanolamine-binding protein 1	IPI00219446	21 kDa	20	26	28	22	9	11	23	25	10	0.0408	0.0570	0.4	0.4
PEBP4 Phosphatidylethanolamine-binding protein 4	IPI00163563	26 kDa	7	6	0	4	4	6	6	2	5	0.3530	0.3398	2.4	0.8
PEF1 Peflin	IPI00018235	30 kDa	0	0	7	7	0	0	0	7	0	0.0001	-	0.0	-
PFN1 Profilin-1	IPI00216691	15 kDa	17	16	43	44	11	0	17	43	6	0.0215	0.1900	0.1	0.3
PGA4;PGA5;PGA3 pepsinogen 3, group I	IPI00736755	42 kDa	132	135	72	84	66	72	133	78	69	0.3257	0.0028	0.9	0.5
PGC Gastricsin	IPI00022213	42 kDa	0	0	0	0	6	6	0	0	6	0.0006	0.0006	-	-
PGCP Putative uncharacterized protein ENSP00000323500	IPI00005794	60 kDa	12	15	15	8	66	48	13	12	57	0.0398	0.0386	4.9	4.2
PGD 6-phosphogluconate dehydrogenase, decarboxylating	IPI00219525	53 kDa	6	6	43	42	0	0	6	43	0	0.0001	0.0004	0.0	0.0
PGK1 Phosphoglycerate kinase 1	IPI00169383	45 kDa	21	17	22	12	0	0	19	17	0	0.0722	0.0093	0.0	0.0
PGLS 6-phosphogluconolactonase	IPI00029997	28 kDa	22	17	0	0	0	0	20	0	0	-	0.0141	-	0.0
PGLYRP1 Peptidoglycan recognition protein	IPI00021085	22 kDa	53	56	46	41	31	44	55	44	37	0.4651	0.1184	0.9	0.7

PGLYRP2 Isoform 1 of N-acetylmuramoyl-L-alanine amidas	IPI00163207	62 kDa	33	43	5	0	39	31	38	2	35	0.0192	0.6604	15.0	0.9
PGM1 Isoform 1 of Phosphoglucomutase-1	IPI00219526	61 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
PHPT1 14 kDa phosphohistidine phosphatase	IPI00299977	14 kDa	5	7	0	5	0	0	6	3	0	0.4226	0.0248	0.0	0.0
PI16 Isoform 1 of Peptidase inhibitor 16	IPI00301143	49 kDa	90	78	6	3	108	108	84	4	108	0.0002	0.0557	25.3	1.3
PI3 Elafin	IPI00021434	12 kDa	14	14	8	14	7	9	14	11	8	0.4988	0.0321	0.8	0.6
PIGR Polymeric immunoglobulin receptor	IPI00004573	83 kDa	274	295	330	306	244	194	284	318	219	0.0692	0.1360	0.7	0.8
PIK3IP1 Isoform 1 of Phosphoinositide-3-kinase-interacting	IPI00298388	28 kDa	60	65	80	105	44	51	62	92	47	0.0738	0.0723	0.5	0.8
PIP Prolactin-inducible protein	IPI00022974	17 kDa	16	14	31	31	15	13	15	31	14	0.0031	0.5810	0.4	0.9
PJ12239	IPI00896424	9 kDa	0	0	3	3	6	0	0	3	3	0.9975	0.4226	1.0	-
PKM2 Isoform M1 of Pyruvate kinase isozymes M1/M2	IPI00220644	58 kDa	10	12	14	19	0	13	11	16	7	0.2900	0.5821	0.4	0.6
PLA2G15 1-O-acylceramide synthase	IPI00301459	47 kDa	6	0	0	0	9	8	3	0	8	0.0006	0.2095	-	2.8
PLAU Urokinase-type plasminogen activator	IPI00296180	49 kDa	39	30	60	86	10	18	34	73	14	0.0475	0.0744	0.2	0.4
PLAUR Isoform 1 of Urokinase plasminogen activator surfa	IPI00010676	37 kDa	5	8	3	0	6	6	7	2	6	0.1311	0.7902	3.5	0.9
PLD3 Phospholipase D3	IPI00328243	55 kDa	3	3	0	0	11	6	3	0	9	0.0836	0.1824	-	2.6
PLG Plasminogen	IPI00019580	91 kDa	24	25	20	23	50	43	25	21	46	0.0251	0.0278	2.2	1.9
PLSCR1 Phospholipid scramblase 1	IPI00005181	35 kDa	4	7	8	12	4	5	5	10	4	0.1082	0.5092	0.4	0.8
PLXDC1 Isoform 1 of Plexin domain-containing protein 1	IPI00410122	56 kDa	0	3	0	0	0	2	2	0	1	0.4226	0.8187	-	0.7
PLXDC2 Isoform 1 of Plexin domain-containing protein 2	IPI00044369	60 kDa	15	14	20	0	24	15	14	10	19	0.4610	0.3471	2.0	1.4
PODXL Podocalyxin-like protein 1	IPI00299116	56 kDa	49	50	52	46	35	37	49	49	36	0.0474	0.0049	0.7	0.7
PPIA Peptidyl-prolyl cis-trans isomerase A	IPI00419585	18 kDa	16	14	25	38	5	6	15	32	5	0.0534	0.0153	0.2	0.4
PPIB Peptidyl-prolyl cis-trans isomerase B	IPI00646304	24 kDa	10	13	7	10	0	0	11	8	0	0.0238	0.0136	0.0	0.0
PPL Perioplakin	IPI00298057	205 kDa	0	0	0	0	4	0	0	0	2	0.4226	0.4226	-	-
PRCP Lysosomal Pro-X carboxypeptidase	IPI00001593	56 kDa	32	39	20	12	46	44	36	16	45	0.0176	0.1319	2.8	1.3
PRDX1 Peroxiredoxin-1	IPI00000874	22 kDa	11	14	29	23	11	8	12	26	10	0.0373	0.3180	0.4	0.8
PRDX2 Peroxiredoxin-2	IPI00027350	22 kDa	9	16	30	19	16	11	13	25	13	0.2118	0.8694	0.5	1.1
PRDX5 Isoform Mitochondrial of Peroxiredoxin-5, mitochoi	IPI00024915	22 kDa	4	5	6	11	0	0	4	8	0	0.0823	0.0049	0.0	0.0
PRDX6 Peroxiredoxin-6	IPI00220301	25 kDa	7	7	16	14	0	0	7	15	0	0.0075	0.0000	0.0	0.0
PRG2 Bone marrow proteoglycan	IPI00010341	25 kDa	93	90	82	97	106	96	91	89	101	0.3277	0.2168	1.1	1.1
PRG4 Isoform A of Proteoglycan 4	IPI00024825	151 kDa	20	12	0	7	22	21	16	3	22	0.0333	0.2914	6.4	1.4
PRKCSH cDNA FLJ59211, highly similar to Glucosidase 2 sut	IPI00026154	60 kDa	13	10	28	10	11	17	12	19	14	0.6647	0.5397	0.7	1.2
PRND Prion-like protein doppel	IPI00018275	20 kDa	0	2	7	0	0	0	1	3	0	0.4226	0.4226	0.0	0.0
PROCR Endothelial protein C receptor precursor	IPI00009276	31 kDa	46	48	49	56	31	22	47	52	27	0.0455	0.0449	0.5	0.6
PROM1 Prominin-1	IPI00012540	97 kDa	52	56	36	39	36	30	54	38	33	0.3200	0.0323	0.9	0.6
PROM2 Isoform 1 of Prominin-2	IPI00295988	92 kDa	10	9	10	10	4	5	10	10	4	0.0132	0.0136	0.4	0.4
protein (Fragment)	IPI00827839	12 kDa	11	10	0	0	14	0	11	0	7	0.4226	0.6311	-	0.6
PROZ Isoform 1 of Vitamin K-dependent protein Z	IPI00027843	45 kDa	8	5	90	82	0	0	6	86	0	0.0025	0.0654	0.0	0.0
PRSS2 Protease serine 2 isoform B	IPI00011695	28 kDa	0	0	0	0	4	4	0	0	4	0.0006	0.0006	-	-
PRSS8 Prostasin	IPI00329538	36 kDa	20	21	17	0	9	9	20	9	9	0.9676	0.0022	1.0	0.4
PRTN3 Myeloblastin	IPI00027409	28 kDa	0	0	44	37	0	0	0	40	0	0.0079	-	0.0	-
PSAP Isoform Sap-mu-0 of Proactivator polypeptide	IPI00012503	58 kDa	73	168	100	101	208	193	121	100	200	0.0056	0.2403	2.0	1.7
PSAT1 cDNA FLJ56437, highly similar to Phosphoserine ami	IPI00001734	45 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
PSCA Prostate stem cell antigen	IPI00013446	13 kDa	21	22	30	35	31	33	21	33	32	0.8381	0.0104	1.0	1.5
PSMA3 Isoform 2 of Proteasome subunit alpha type-3	IPI00171199	28 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
PSMB2 Proteasome subunit beta type-2	IPI00028006	23 kDa	0	0	0	3	0	0	0	1	0	0.4226	-	0.0	-
PSMB4 Proteasome subunit beta type-4	IPI00555956	29 kDa	0	0	0	3	0	0	0	1	0	0.4226	-	0.0	-
PSMB5 Proteasome subunit beta type-5	IPI00479306	28 kDa	3	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
PSMB6 Proteasome subunit beta type-6	IPI00000811	25 kDa	0	2	0	4	0	0	1	2	0	0.4226	0.4226	0.0	0.0

PSME1 Proteasome activator complex subunit 1	IPI00479722	29 kDa	0	0	5	7	0	0	0	6	0	0.0344	-	0.0	-
PTER Phosphotriesterase-related protein	IPI00100933	39 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
PTGDS Prostaglandin-H2 D-isomerase	IPI00013179	21 kDa	218	225	89	131	387	414	221	110	400	0.0072	0.0060	3.6	1.8
PTGR1 Prostaglandin reductase 1	IPI00292657	36 kDa	6	5	0	0	0	0	5	0	0	-	0.0168	-	0.0
PTK7 PTK7 protein tyrosine kinase 7 isoform c precursor	IPI00168813	104 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
PTPRC Protein tyrosine phosphatase, receptor type, C	IPI00155168	131 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
PTPRF Receptor-type tyrosine-protein phosphatase F	IPI00107831	212 kDa	2	0	0	0	2	2	1	0	2	0.0006	0.2907	-	2.4
PTPRJ Receptor-type tyrosine-protein phosphatase eta pre	IPI00290328	152 kDa	48	40	50	71	55	40	44	60	47	0.4208	0.7269	0.8	1.1
PTPRK Isoform 1 of Receptor-type tyrosine-protein phosph	IPI00015756	162 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
PTPRM Receptor-type tyrosine-protein phosphatase mu	IPI00293849	164 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
PTPRS Isoform PTPS of Receptor-type tyrosine-protein pho	IPI00289831	217 kDa	20	17	21	18	0	7	19	19	4	0.0558	0.0579	0.2	0.2
PVR Isoform Beta of Poliovirus receptor	IPI00219425	40 kDa	82	90	118	116	55	54	86	117	55	0.0004	0.0153	0.5	0.6
PVRL1 Isoform Delta of Poliovirus receptor-related protein	IPI00003648	57 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
PVRL2 Isoform Delta of Poliovirus receptor-related protein	IPI00022661	58 kDa	45	44	23	23	22	31	44	23	27	0.5000	0.0517	1.1	0.6
PVRL4 Poliovirus receptor-related protein 4	IPI00043992	55 kDa	29	22	16	10	4	0	25	13	2	0.1025	0.0278	0.1	0.1
PYCARD Isoform 1 of Apoptosis-associated speck-like prote	IPI00001699	22 kDa	0	0	7	10	0	0	0	8	0	0.0238	-	0.0	-
PYGM Glycogen phosphorylase, muscle form	IPI00218130	97 kDa	9	18	20	15	14	8	14	17	11	0.2182	0.6645	0.6	0.8
QDPR Dihydropteridine reductase	IPI00014439	26 kDa	5	0	0	0	0	0	3	0	0	-	0.4226	-	0.0
QPCT Glutaminyl-peptide cyclotransferase	IPI00003919	41 kDa	135	121	157	140	52	48	128	149	50	0.0079	0.0087	0.3	0.4
QPRT Nicotinate-nucleotide pyrophosphorylase [carboxyla	IPI00300086	31 kDa	16	15	0	0	0	0	15	0	0	-	0.0011	-	0.0
QSOX1 Isoform 1 of Sulfhydryl oxidase 1	IPI00003590	83 kDa	56	53	35	26	29	19	54	30	24	0.4239	0.0262	0.8	0.4
RAB10 Ras-related protein Rab-10	IPI00016513	23 kDa	8	13	16	20	0	11	10	18	5	0.1511	0.4789	0.3	0.5
RAB11B Ras-related protein Rab-11B	IPI00020436	24 kDa	5	2	10	14	0	0	4	12	0	0.0172	0.1135	0.0	0.0
RAB1B Ras-related protein Rab-1B	IPI00008964	22 kDa	8	9	10	0	0	0	9	5	0	0.4226	0.0049	0.0	0.0
RAB5C Ras-related protein Rab-5C	IPI00016339	23 kDa	3	2	5	4	0	0	3	4	0	0.0039	0.0168	0.0	0.0
RAB7A Ras-related protein Rab-7a	IPI00016342	23 kDa	0	2	3	4	0	0	1	4	0	0.0065	0.4226	0.0	0.0
RAC1 Isoform A of Ras-related C3 botulinum toxin substrat	IPI00010271	21 kDa	13	12	15	18	6	6	12	16	6	0.0163	0.0146	0.4	0.5
RAC2 Ras-related C3 botulinum toxin substrate 2	IPI00010270	21 kDa	0	0	0	15	0	0	0	7	0	0.4226	-	0.0	-
RAP1B Ras-related protein Rap-1b	IPI00015148	21 kDa	8	7	6	8	0	2	7	7	1	0.0745	0.0404	0.2	0.2
RARRES2 Retinoic acid receptor responder protein 2	IPI00019176	19 kDa	15	12	3	11	6	12	13	7	9	0.7310	0.3274	1.3	0.7
RBP1 retinol binding protein 1, cellular isoform a	IPI00219718	22 kDa	0	0	0	0	2	0	0	0	1	0.4226	0.4226	-	-
RBP4 Retinol-binding protein 4	IPI00022420	23 kDa	124	111	69	69	146	175	117	69	160	0.0253	0.1174	2.3	1.4
RBP5 Retinol-binding protein 5	IPI00219782	16 kDa	3	5	2	0	4	4	4	1	4	0.1662	0.8572	3.1	1.0
RDX Radixin	IPI00903145	69 kDa	49	38	67	0	40	35	44	34	38	0.9151	0.4247	1.1	0.9
REG1A Lithostathine-1-alpha	IPI00009027	19 kDa	125	132	104	93	208	195	129	98	201	0.0069	0.0101	2.0	1.6
REG1B Lithostathine-1-beta	IPI00009197	19 kDa	0	0	0	0	109	103	0	0	106	0.0010	0.0010	-	-
RELT Tumor necrosis factor receptor superfamily member	IPI00064377	46 kDa	21	16	16	23	17	15	19	20	16	0.4592	0.4972	0.8	0.9
RETN Resistin	IPI00006988	11 kDa	6	10	15	20	26	27	8	18	27	0.0829	0.0145	1.5	3.3
RHCG Ammonium transporter Rh type C	IPI00008820	53 kDa	14	0	10	0	0	0	7	5	0	0.4226	0.4226	0.0	0.0
Rheumatoid factor #REF! light chain (Fragment)	IPI00829956	13 kDa	39	29	24	27	29	24	34	26	26	0.9145	0.3041	1.0	0.8
Rheumatoid factor RF	IPI00748265	13 kDa	0	0	0	0	0	4	0	0	2	0.4226	0.4226	-	-
RHOA Transforming protein RhoA	IPI00478231	22 kDa	18	16	14	25	4	4	17	19	4	0.0994	0.0049	0.2	0.2
RNASE1 Ribonuclease pancreatic	IPI00014048	18 kDa	387	385	441	511	257	310	386	476	284	0.0476	0.0596	0.6	0.7
RNASE3 Eosinophil cationic protein	IPI00025427	18 kDa	0	0	9	10	0	0	0	9	0	0.0002	-	0.0	-
RNASE4 Ribonuclease 4	IPI00029699	17 kDa	0	5	0	0	0	0	2	0	0	-	0.4226	-	0.0
RNASE6 Ribonuclease K6	IPI00004114	17 kDa	0	2	0	0	7	7	1	0	7	0.0006	0.0344	-	6.3
RNASE7 Ribonuclease 7	IPI00000270	17 kDa	0	0	6	5	0	0	0	6	0	0.0009	-	0.0	-



RNASET2 Isoform 1 of Ribonuclease T2	IPI00414896	29 kDa	27	15	7	5	60	57	21	6	58	0.0010	0.0266	9.4	2.8
RNF13 RING finger protein 13	IPI00151036	43 kDa	0	0	0	0	5	7	0	0	6	0.0294	0.0294	-	-
RNF167 E3 ubiquitin-protein ligase RNF167	IPI00023511	38 kDa	3	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
RNH1 Ribonuclease inhibitor	IPI00550069	50 kDa	3	3	0	0	0	0	3	0	0	-	0.0049	-	0.0
ROBO4 Isoform 1 of Roundabout homolog 4	IPI00103871	107 kDa	179	150	134	121	40	57	164	128	48	0.0177	0.0205	0.4	0.3
ROR1 receptor tyrosine kinase-like orphan receptor 1 isoform 1	IPI00644416	44 kDa	8	0	0	0	0	6	4	0	3	0.4226	0.8531	-	0.7
ROR2 Tyrosine-protein kinase transmembrane receptor RC1	IPI00304999	105 kDa	14	15	12	15	6	9	14	13	8	0.1465	0.0590	0.6	0.5
RRAS2 Ras-related protein R-Ras2	IPI00012512	23 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
RTN3 Isoform 3 of Reticulon-3	IPI00028946	26 kDa	0	0	8	12	0	0	0	10	0	0.0392	-	0.0	-
RTN4RL2 Reticulon-4 receptor-like 2	IPI00328746	46 kDa	27	26	20	25	29	35	27	22	32	0.1413	0.2639	1.4	1.2
S100A10 Protein S100-A10	IPI00183695	11 kDa	0	0	3	0	0	0	0	2	0	0.4226	-	0.0	-
S100A11 Protein S100-A11	IPI00013895	12 kDa	8	15	35	46	19	20	11	41	19	0.0683	0.1571	0.5	1.7
S100A12 Protein S100-A12	IPI00218131	11 kDa	0	0	28	31	0	0	0	30	0	0.0036	-	0.0	-
S100A14 Protein S100-A14	IPI00010214	12 kDa	0	0	0	3	0	0	0	1	0	0.4226	-	0.0	-
S100A16 Protein S100-A16	IPI00062120	12 kDa	0	0	5	0	0	0	0	2	0	0.4226	-	0.0	-
S100A2 Protein S100-A2	IPI00019869	11 kDa	0	3	0	5	0	0	2	3	0	0.4226	0.4226	0.0	0.0
S100A4 Protein S100-A4	IPI00032313	12 kDa	0	0	7	10	0	0	0	8	0	0.0238	-	0.0	-
S100A6 Protein S100-A6	IPI00027463	10 kDa	8	9	7	8	11	9	9	8	10	0.1212	0.2465	1.4	1.2
S100A7 Protein S100-A7	IPI00219806	11 kDa	10	13	38	39	17	20	11	39	19	0.0054	0.0594	0.5	1.7
S100A8 Protein S100-A8	IPI00007047	11 kDa	48	69	254	263	90	77	59	258	83	0.0020	0.1836	0.3	1.4
S100A9 Protein S100-A9	IPI00027462	13 kDa	39	58	233	330	56	53	48	281	55	0.0428	0.5727	0.2	1.1
S100P Protein S100-P	IPI00017526	10 kDa	2	0	13	15	2	6	1	14	4	0.0421	0.2479	0.3	4.2
SAMM50 Sorting and assembly machinery component 50 family class B member 1	IPI00412713	52 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
SAT2 Diamine acetyltransferase 2	IPI00061651	19 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
SCARB2 Lysosome membrane protein 2	IPI00217766	54 kDa	3	0	0	0	4	0	2	0	2	0.4226	0.8926	-	1.2
SCGB1A1 Uteroglobin	IPI00006705	10 kDa	9	13	0	0	22	21	11	0	22	0.0006	0.0291	-	2.0
SCNN1A Isoform 2 of Amiloride-sensitive sodium channel subunit alpha 1	IPI00334114	82 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
SCP2 Isoform SCPx of Non-specific lipid-transfer protein 2	IPI00026105	59 kDa	0	0	2	0	0	0	0	1	0	0.4226	-	0.0	-
SCPEP1 Isoform 1 of Retinoid-inducible serine carboxypeptidase 1	IPI00012426	51 kDa	20	22	5	0	24	24	21	2	24	0.0116	0.1038	10.2	1.1
SCUBE1 SCUBE1 protein	IPI00395866	37 kDa	6	6	3	0	0	0	6	2	0	0.4226	0.0004	0.0	0.0
SCUBE2 Isoform 1 of Signal peptide, CUB and EGF-like domain protein 2	IPI00024880	110 kDa	7	0	6	0	0	0	4	3	0	0.4226	0.4226	0.0	0.0
SDC4 Syndecan-4	IPI00011564	22 kDa	25	30	42	37	30	25	27	39	27	0.0773	0.9724	0.7	1.0
SDCBP Syntenin-1	IPI00299086	32 kDa	7	8	15	15	2	0	8	15	1	0.0081	0.0433	0.1	0.2
SDF4 45 kDa calcium-binding protein	IPI00106646	42 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
SECTM1 Secreted and transmembrane protein 1	IPI00170635	27 kDa	122	139	69	72	52	51	131	71	52	0.0062	0.0119	0.7	0.4
SELENBP1 cDNA FLJ55757, highly similar to Selenium-binding protein 1	IPI00012303	57 kDa	14	10	0	3	34	35	12	1	35	0.0025	0.0083	25.4	2.8
SEMASA Semaphorin-5A	IPI00013880	121 kDa	6	5	0	0	0	2	5	0	1	0.4226	0.0952	-	0.2
SERPINA1 Isoform 1 of Alpha-1-antitrypsin	IPI00553177	47 kDa	484	522	518	473	483	426	503	495	454	0.3763	0.2894	0.9	0.9
SERPINA3 cDNA FLJ35730 fis, clone TEST12003131, highly similar to SERPINA1	IPI00550991	51 kDa	205	214	140	101	323	290	210	120	306	0.0188	0.0311	2.5	1.5
SERPINA4 Kallistatin	IPI00328609	49 kDa	14	15	17	10	0	2	14	13	1	0.0956	0.0091	0.1	0.1
SERPINA5 Plasma serine protease inhibitor	IPI00007221	46 kDa	181	197	235	218	235	202	189	226	219	0.7133	0.2469	1.0	1.2
SERPINA6 Corticosteroid-binding globulin	IPI00027482	45 kDa	33	28	0	0	36	32	30	0	34	0.0037	0.3919	-	1.1
SERPINA7 Thyroxine-binding globulin	IPI00292946	46 kDa	58	69	23	26	65	59	64	25	62	0.0068	0.8136	2.5	1.0
SERPINB1 Leukocyte elastase inhibitor	IPI00027444	43 kDa	29	25	142	139	21	25	27	141	23	0.0005	0.2480	0.2	0.8
SERPINB12 SERPINB12 protein	IPI00643202	48 kDa	3	0	10	11	4	0	2	11	2	0.0428	0.8926	0.2	1.2
SERPINB13 Isoform 1 of Serpin B13	IPI00006560	44 kDa	0	0	14	10	0	0	0	12	0	0.0329	-	0.0	-
SERPINB3 Isoform 1 of Serpin B3	IPI00022204	45 kDa	48	43	188	211	71	65	45	199	68	0.0084	0.0296	0.3	1.5

SERPINB4 Serpin B4	IPI00010303	45 kDa	0	0	126	158	44	0	0	142	22	0.0467	0.4226	0.2	-
SERPINB6 Putative uncharacterized protein DKFZp686I042	IPI00413451	46 kDa	4	0	15	16	6	9	2	16	8	0.0458	0.1514	0.5	3.9
SERPINF1 Pigment epithelium-derived factor	IPI00006114	46 kDa	13	12	0	0	0	0	12	0	0	-	0.0036	-	0.0
SERPING1 Plasma protease C1 inhibitor	IPI00291866	55 kDa	350	396	428	433	182	169	373	431	175	0.0007	0.0144	0.4	0.5
SERPINI1 Neuroserpin	IPI00016150	46 kDa	14	10	6	0	6	4	12	3	5	0.5965	0.0836	1.7	0.4
SEZGL2 Isoform 3 of Seizure 6-like protein 2	IPI00018276	92 kDa	9	8	7	10	0	6	9	8	3	0.2431	0.2034	0.4	0.3
SFN Isoform 1 of 14-3-3 protein sigma	IPI00013890	28 kDa	4	0	23	27	0	0	2	25	0	0.0065	0.4226	0.0	0.0
SGSH N-sulphoglucosamine sulphohydrolase	IPI00019988	57 kDa	25	20	0	0	16	14	22	0	15	0.0042	0.1325	-	0.7
SH3BGR1 SH3 domain-binding glutamic acid-rich-like prote	IPI00025318	13 kDa	3	0	8	12	6	6	2	10	6	0.1866	0.0940	0.6	4.0
SH3BGR3 SH3 domain-binding glutamic acid-rich-like prot	IPI00746352	10 kDa	22	30	9	12	45	63	26	11	54	0.0418	0.1051	5.0	2.1
SHISA5 Isoform 1 of Protein shisa-5	IPI00166039	26 kDa	13	10	13	11	11	15	12	12	13	0.5864	0.5839	1.1	1.1
SHMT1 Isoform 1 of Serine hydroxymethyltransferase, cytc	IPI00002519	53 kDa	4	8	0	0	0	0	6	0	0	-	0.0972	-	0.0
SIAE Isoform 1 of Sialate O-acetyltransferase	IPI00010949	58 kDa	37	35	0	0	47	64	36	0	56	0.0215	0.1422	-	1.6
similar to Hepatitis B virus receptor binding protein	IPI00883855	12 kDa	10	26	0	0	39	32	18	0	35	0.0088	0.1962	-	1.9
similar to Immunglobulin heavy chain variable region	IPI00883765	14 kDa	0	9	0	0	12	12	5	0	12	0.0006	0.2449	-	2.6
SIRPA signal-regulatory protein alpha precursor	IPI00332887	55 kDa	78	82	52	45	144	125	80	49	135	0.0135	0.0297	2.8	1.7
SIRPB1 43 kDa protein	IPI00844132	43 kDa	37	36	31	20	77	76	36	26	76	0.0115	0.0006	3.0	2.1
SLAMF1 Isoform 1 of Signaling lymphocytic activation mole	IPI00012469	37 kDa	0	0	0	0	0	2	0	0	1	0.4226	0.4226	-	-
SLC12A1 Isoform A of Solute carrier family 12 member 1	IPI00443898	121 kDa	150	134	88	79	83	96	142	83	90	0.5128	0.0366	1.1	0.6
SLC12A3 solute carrier family 12, member 3 isoform 1	IPI00646907	114 kDa	70	78	30	25	0	0	74	27	0	0.0103	0.0031	0.0	0.0
SLC26A4 Pendrin	IPI00012842	86 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
SLC2A3 Solute carrier family 2, facilitated glucose transport	IPI00003909	54 kDa	0	0	5	0	0	0	0	2	0	0.4226	-	0.0	-
SLC2A5 Solute carrier family 2, facilitated glucose transport	IPI00027452	55 kDa	4	0	8	0	0	0	2	4	0	0.4226	0.4226	0.0	0.0
SLC3A2;LOC442497 4F2 cell-surface antigen heavy chain	IPI00027493	58 kDa	5	6	0	0	0	0	5	0	0	-	0.0049	-	0.0
SLC44A2 Isoform 1 of Choline transporter-like protein 2	IPI00549521	80 kDa	25	13	47	37	9	7	19	42	8	0.0241	0.2206	0.2	0.4
SLC44A4 Isoform 2 of Choline transporter-like protein 4	IPI00641073	79 kDa	0	12	7	8	14	0	6	8	7	0.9263	0.9148	0.9	1.2
SLC9A3R1 Ezrin-radixin-moesin-binding phosphoprotein 5c	IPI00003527	39 kDa	8	10	0	0	0	0	9	0	0	-	0.0162	-	0.0
SLK Isoform 1 of STE20-like serine/threonine-protein kinase	IPI00022827	143 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
SLPI Antileukoproteinase	IPI00008580	14 kDa	9	3	3	0	2	0	6	2	1	0.8390	0.2426	0.7	0.2
SLURP1 Secreted Ly-6/uPAR-related protein 1	IPI00022620	11 kDa	24	23	29	30	25	41	24	29	33	0.7003	0.3651	1.1	1.4
SMO Smoothened homolog	IPI00018471	86 kDa	0	0	6	5	0	0	0	6	0	0.0009	-	0.0	-
SMPDL3A Acid sphingomyelinase-like phosphodiesterase 3	IPI00178767	51 kDa	0	0	0	0	24	17	0	0	20	0.0297	0.0297	-	-
SNCG Gamma-synuclein	IPI00297714	13 kDa	0	3	0	0	0	0	2	0	0	-	0.4226	-	0.0
SOD1 Superoxide dismutase [Cu-Zn]	IPI00218733	16 kDa	9	8	7	7	6	24	9	7	15	0.4529	0.5396	2.2	1.8
SOD3 Extracellular superoxide dismutase [Cu-Zn]	IPI00027827	26 kDa	35	30	0	8	9	11	32	4	10	0.3147	0.0138	2.4	0.3
SORD Sorbitol dehydrogenase	IPI00216057	38 kDa	11	3	0	0	0	0	7	0	0	-	0.1954	-	0.0
SORL1 Sortilin-related receptor	IPI00022608	248 kDa	97	89	13	18	45	33	93	15	39	0.0647	0.0172	2.6	0.4
SORT1 Sortilin	IPI00217882	92 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
sp_ALBU_BOVIN	IPIsp_ALBU_BOVI	69 kDa	355	392	434	434	364	325	373	434	345	0.0450	0.3990	0.8	0.9
sp_ANT3_HUMAN	IPIsp_ANT3_HUM	53 kDa	43	47	47	12	70	67	45	30	69	0.1598	0.0103	2.3	1.5
sp_CAS1_BOVIN	IPIsp_CAS1_BOVII	25 kDa	0	0	3	0	0	0	0	2	0	0.4226	-	0.0	-
sp_TRFL_HUMAN	IPIsp_TRFL_HUM	78 kDa	12	6	604	581	57	34	9	593	46	0.0009	0.0901	0.1	5.2
sp_TRYP_PIG	IPIsp_TRYP_PIG	24 kDa	831	875	1110	1035	2179	1812	853	1073	1996	0.0388	0.0252	1.9	2.3
SPARCL1 15 kDa protein	IPI00793166	15 kDa	8	0	0	0	0	0	4	0	0	-	0.4226	-	0.0
SPARCL1 SPARC-like protein 1	IPI00296777	75 kDa	92	73	52	39	25	21	82	46	23	0.0741	0.0267	0.5	0.3
SPINK1 Pancreatic secretory trypsin inhibitor	IPI00020687	9 kDa	10	12	5	5	7	12	11	5	10	0.1736	0.6760	1.9	0.9
SPINT1 Isoform 2 of Kunitz-type protease inhibitor 1	IPI00011643	57 kDa	13	12	15	11	0	8	12	13	4	0.1966	0.1930	0.3	0.3

SPINT2 Kunitz-type protease inhibitor 2	IPI00011662	28 kDa	17	21	23	27	19	21	19	25	20	0.1639	0.6774	0.8	1.1
SPOCK2 Testican-2	IPI00006128	47 kDa	4	9	0	0	7	0	7	0	4	0.4226	0.5920	-	0.6
SPP1 Isoform A of Osteopontin	IPI00021000	35 kDa	344	319	178	195	173	183	332	187	178	0.4755	0.0076	1.0	0.5
SPRR1A Cornifin-A	IPI00914840	10 kDa	38	31	80	108	14	15	35	94	15	0.0293	0.0300	0.2	0.4
SPRR1B Cornifin-B	IPI00304903	10 kDa	23	0	42	64	0	0	12	53	0	0.0418	0.4226	0.0	0.0
SPRR1B Small proline rich protein	IPI00873761	8 kDa	0	0	0	53	0	0	0	27	0	0.4226	-	0.0	-
SPRR2A Small proline-rich protein 2A	IPI00017993	8 kDa	5	6	28	29	0	0	5	28	0	0.0002	0.0049	0.0	0.0
SPRR2D Small proline-rich protein 2D	IPI00386598	8 kDa	0	0	0	25	0	0	0	12	0	0.4226	-	0.0	-
SPRR3 Small proline-rich protein 3	IPI00082931	18 kDa	104	108	288	339	20	22	106	314	21	0.0075	0.0009	0.1	0.2
SPTAN1 cDNA FLJ61399, highly similar to Spectrin alpha ch	IPI00744706	282 kDa	0	0	6	3	0	0	0	4	0	0.1089	-	0.0	-
SRI Sorcin	IPI00027175	22 kDa	6	10	7	8	0	0	8	8	0	0.0065	0.0644	0.0	0.0
STOM Erythrocyte band 7 integral membrane protein	IPI00219682	32 kDa	10	0	37	34	2	2	5	36	2	0.0021	0.6579	0.1	0.5
SULF2 Isoform 1 of Extracellular sulfatase Sulf-2	IPI00297252	100 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
SUSD2 Sushi domain-containing protein 2	IPI00021302	90 kDa	12	13	9	10	0	0	12	9	0	0.0002	0.0007	0.0	0.0
TAGLN2 Transgelin-2	IPI00550363	22 kDa	5	5	12	11	0	0	5	11	0	0.0009	0.0017	0.0	0.0
TALDO1 Transaldolase	IPI00744692	38 kDa	7	0	45	57	0	0	4	51	0	0.0136	0.4226	0.0	0.0
TBCA Tubulin-specific chaperone A	IPI00217236	13 kDa	0	2	0	8	0	0	1	4	0	0.4226	0.4226	0.0	0.0
TF Serotransferrin	IPI00022463	77 kDa	636	579	557	516	377	411	608	536	394	0.0334	0.0232	0.7	0.6
TFF1 Trefoil factor 1	IPI00022283	9 kDa	13	15	12	10	22	19	14	11	21	0.0376	0.0793	2.0	1.5
TFF2 Trefoil factor 2	IPI00010675	14 kDa	117	141	96	106	68	87	129	101	78	0.1645	0.0785	0.8	0.6
TFF3 trefoil factor 3 precursor	IPI00018909	14 kDa	21	23	16	18	21	30	22	17	25	0.1884	0.5221	1.5	1.2
TGFBR1 TGF-beta receptor type-1	IPI00005733	56 kDa	7	13	2	3	0	0	10	3	0	0.0065	0.0740	0.0	0.0
TGFBR2 Isoform 1 of TGF-beta receptor type-2	IPI00020431	65 kDa	0	0	0	0	4	2	0	0	3	0.0468	0.0468	-	-
TGM3 Protein-glutamine gamma-glutamyltransferase E	IPI00300376	77 kDa	0	0	5	0	0	0	0	2	0	0.4226	-	0.0	-
TGM4 Protein-glutamine gamma-glutamyltransferase 4	IPI00290396	77 kDa	16	8	0	0	0	0	12	0	0	-	0.0937	-	0.0
TGOLN2 Isoform TGN51 of Trans-Golgi network integral m	IPI00012545	51 kDa	8	3	12	0	4	2	6	6	3	0.6845	0.3759	0.5	0.5
THBD Thrombomodulin	IPI00010737	60 kDa	6	0	0	0	0	0	3	0	0	-	0.4226	-	0.0
THBS1 Thrombospondin-1	IPI00296099	129 kDa	21	16	15	12	30	19	19	14	24	0.1977	0.4336	1.8	1.3
THY1 Thy-1 membrane glycoprotein	IPI00022892	18 kDa	14	15	0	10	16	15	14	5	16	0.1481	0.1794	3.3	1.1
TIMP2 Metalloproteinase inhibitor 2	IPI00027166	24 kDa	18	18	25	16	0	0	18	21	0	0.0445	0.0001	0.0	0.0
TKT cDNA FLJ54957, highly similar to Transketolase	IPI00643920	69 kDa	0	0	17	27	0	0	0	22	0	0.0456	-	0.0	-
TM7SF3 Transmembrane 7 superfamily member 3	IPI00009797	64 kDa	0	0	0	4	0	0	0	2	0	0.4226	-	0.0	-
TMBIM1 Transmembrane BAX inhibitor motif-containing p	IPI00290452	35 kDa	9	0	9	0	0	0	5	5	0	0.4226	0.4226	0.0	0.0
TMED7 Transmembrane emp24 domain-containing proteir	IPI00032825	25 kDa	4	2	2	0	6	6	3	1	6	0.0523	0.0775	5.2	1.9
TMEM106B Transmembrane protein 106B	IPI00395903	31 kDa	22	12	10	10	10	12	17	10	11	0.4725	0.3848	1.1	0.6
TMEM132A Isoform 1 of Transmembrane protein 132A	IPI00301865	110 kDa	8	5	0	0	0	0	6	0	0	-	0.0654	-	0.0
TMEM149 Isoform 1 of Transmembrane protein 149	IPI00002910	38 kDa	6	6	3	8	6	6	6	6	6	0.9273	0.4440	1.0	1.0
TMOD3 Tropomodulin-3	IPI00005087	40 kDa	0	0	2	5	0	0	0	4	0	0.1314	-	0.0	-
TNC Isoform 1 of Tenascin	IPI00031008	241 kDa	14	18	24	31	7	7	16	28	7	0.0280	0.0567	0.3	0.4
TNFRSF12A Isoform 1 of Tumor necrosis factor receptor su	IPI00010277	14 kDa	0	0	0	0	4	0	0	0	2	0.4226	0.4226	-	-
TNFRSF14 Tumor necrosis factor receptor superfamily men	IPI00024331	30 kDa	5	6	16	19	5	4	5	18	4	0.0140	0.3007	0.2	0.8
TNFRSF1B Isoform 1 of Tumor necrosis factor receptor sup	IPI00023501	48 kDa	20	16	15	16	19	22	18	16	21	0.1366	0.4551	1.3	1.1
TNXB Isoform XB of Tenascin-X	IPI00025276	464 kDa	25	29	30	38	19	12	27	34	15	0.0699	0.0964	0.4	0.6
TOLLIP Toll-interacting protein	IPI00100154	30 kDa	0	0	2	3	0	0	0	3	0	0.0065	-	0.0	-
TP53I3 Isoform 1 of Putative quinone oxidoreductase	IPI00384643	36 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
TPI1 Isoform 1 of Triosephosphate isomerase	IPI00465028	31 kDa	26	10	29	50	7	13	18	40	10	0.1172	0.4389	0.3	0.6
TPM3 Isoform 2 of Tropomyosin alpha-3 chain	IPI00218319	29 kDa	0	0	58	72	0	0	0	65	0	0.0119	-	0.0	-

TPM4 Isoform 1 of Tropomyosin alpha-4 chain	IPI00010779	29 kDa	0	0	41	38	0	0	0	39	0	0.0009	-	0.0	-
TPM4 Isoform 2 of Tropomyosin alpha-4 chain	IPI00216975	33 kDa	0	0	45	38	0	0	0	42	0	0.0070	-	0.0	-
TPP1 Putative uncharacterized protein TPP1	IPI00554538	60 kDa	12	21	7	11	19	17	16	9	18	0.0604	0.8091	2.0	1.1
TPT1 Tumor protein, translationally-controlled 1	IPI00009943	22 kDa	2	0	0	0	0	0	1	0	0	-	0.4226	-	0.0
TRHDE Thyrotropin-releasing hormone-degrading ectoenzyme	IPI00007798	117 kDa	26	25	9	11	16	13	26	10	15	0.1270	0.0206	1.4	0.6
TSG101 Isoform 1 of Tumor susceptibility gene 101 protein	IPI00018434	44 kDa	10	9	7	8	6	8	10	8	7	0.8187	0.1651	1.0	0.8
TSPAN1 Tetraspanin-1	IPI00030936	26 kDa	12	10	29	16	5	0	11	23	2	0.0968	0.0799	0.1	0.2
TTL3;ARPC4 Actin-related protein 2/3 complex subunit 4	IPI00554811	20 kDa	2	0	5	5	0	0	1	5	0	0.0065	0.4226	0.0	0.0
TTN Isoform 2 of Titin	IPI00023283	3806 kDa	10	0	15	0	0	0	5	8	0	0.4226	0.4226	0.0	0.0
TTR Transthyretin	IPI00022432	16 kDa	24	24	16	18	10	12	24	17	11	0.0368	0.0050	0.6	0.5
TUBA1C TUBA1C protein	IPI00166768	37 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
TUBB2C Tubulin beta-2C chain	IPI00007752	50 kDa	7	3	0	0	0	0	5	0	0	-	0.0983	-	0.0
TWSG1 Isoform 1 of Twisted gastrulation protein homolog	IPI00410487	25 kDa	0	0	0	0	0	4	0	0	2	0.4226	0.4226	-	-
TXN Thioredoxin	IPI00216298	12 kDa	0	6	7	8	7	7	3	8	7	0.7031	0.2670	1.0	2.5
TXNDC5 Thioredoxin domain-containing protein 5	IPI00171438	48 kDa	7	6	0	0	0	0	6	0	0	-	0.0093	-	0.0
UBA1 Ubiquitin-like modifier-activating enzyme 1	IPI00645078	118 kDa	0	5	0	0	0	0	2	0	0	-	0.4226	-	0.0
UBC;RPS27A;UBB ubiquitin and ribosomal protein S27a precursor	IPI00179330	18 kDa	159	121	115	135	106	110	140	125	108	0.2432	0.2351	0.9	0.8
UBE2L3 Ubiquitin-conjugating enzyme E2 L3	IPI00021347	18 kDa	0	0	5	0	0	0	0	2	0	0.4226	-	0.0	-
UBE2N Ubiquitin-conjugating enzyme E2 N	IPI00003949	17 kDa	3	5	2	8	0	0	4	5	0	0.2152	0.0419	0.0	0.0
UBE2V1 Isoform 3 of Ubiquitin-conjugating enzyme E2 variable	IPI00472498	16 kDa	2	3	0	4	0	0	3	2	0	0.4226	0.0644	0.0	0.0
UEVLD cDNA FLJ54696, highly similar to Homo sapiens UEV1L	IPI00440160	50 kDa	2	0	0	3	0	0	1	1	0	0.4226	0.4226	0.0	0.0
UMOD Isoform 1 of Uromodulin	IPI00013945	70 kDa	2486	2520	4483	4566	2422	2709	2503	4524	2565	0.0058	0.7093	0.6	1.0
UNC5C Isoform 1 of Netrin receptor UNC5C	IPI00293757	103 kDa	0	2	0	0	0	0	1	0	0	-	0.4226	-	0.0
Uncharacterized protein ENSP00000348237	IPI00453476	29 kDa	8	7	7	10	0	0	7	8	0	0.0238	0.0053	0.0	0.0
Uncharacterized protein ENSP00000375035	IPI00735451	13 kDa	0	8	5	0	0	0	4	2	0	0.4226	0.4226	0.0	0.0
Uncharacterized protein ENSP00000383556	IPI00872531	23 kDa	2	5	13	12	0	0	3	12	0	0.0004	0.1268	0.0	0.0
UPK1A Isoform 1 of Uroplakin-1a	IPI00011279	29 kDa	5	0	44	50	0	0	3	47	0	0.0046	0.4226	0.0	0.0
UPK1B Uroplakin-1b	IPI00215889	30 kDa	0	0	8	0	0	0	0	4	0	0.4226	-	0.0	-
UPK2 Uroplakin-2	IPI00012113	19 kDa	0	3	0	3	4	4	2	1	4	0.2372	0.3845	2.7	2.1
VASN Vasorin	IPI00395488	72 kDa	164	195	145	162	133	136	179	153	135	0.1647	0.1006	0.9	0.8
VCAM1 Isoform 1 of Vascular cell adhesion protein 1	IPI00018136	81 kDa	30	28	3	4	67	71	29	4	69	0.0009	0.0030	18.3	2.4
VCL Isoform 1 of Vinculin	IPI00291175	117 kDa	3	2	54	49	0	0	3	52	0	0.0027	0.0168	0.0	0.0
VDAC1 Voltage-dependent anion-selective channel protein 1	IPI00216308	31 kDa	0	5	0	0	0	0	2	0	0	-	0.4226	-	0.0
VIM Vimentin	IPI00418471	54 kDa	0	0	96	150	0	0	0	123	0	0.0445	-	0.0	-
VMO1 Vitelline membrane outer layer protein 1 homolog	IPI00216914	22 kDa	47	61	61	75	25	21	54	68	23	0.0233	0.0508	0.3	0.4
VNN1 Pantetheinase	IPI00030871	57 kDa	17	17	8	4	29	34	17	6	31	0.0183	0.0373	5.2	1.8
VPS28 Vacuolar protein sorting-associated protein 28 homolog	IPI00007155	25 kDa	6	8	9	8	0	0	7	9	0	0.0039	0.0209	0.0	0.0
VPS37B Vacuolar protein sorting-associated protein 37B	IPI00002926	31 kDa	3	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
VPS37D Vacuolar protein sorting-associated protein 37D	IPI00374354	40 kDa	4	0	0	0	0	0	2	0	0	-	0.4226	-	0.0
VPS4A Vacuolar protein sorting-associating protein 4A	IPI00411356	49 kDa	4	7	8	5	0	0	5	7	0	0.0364	0.0644	0.0	0.0
VPS4B Vacuolar protein sorting-associating protein 4B	IPI00182728	49 kDa	3	0	6	0	0	0	2	3	0	0.4226	0.4226	0.0	0.0
VSIG4 Isoform 1 of V-set and immunoglobulin domain-containing protein 4	IPI00027038	44 kDa	5	7	6	3	7	5	6	4	6	0.4650	0.9409	1.4	1.0
VTA1 LYST-interacting protein LIP5 (Fragment)	IPI00844002	26 kDa	7	7	5	5	15	0	7	5	7	0.7765	0.9521	1.5	1.1
VTN Vitronectin	IPI00298971	54 kDa	63	84	52	67	71	77	74	59	74	0.2087	0.9793	1.2	1.0
VWF von Willebrand factor	IPI00023014	309 kDa	0	0	0	0	4	5	0	0	4	0.0136	0.0136	-	-
WFDC2 Isoform 1 of WAP four-disulfide core domain protein 2	IPI00291488	13 kDa	91	114	94	106	58	63	103	100	61	0.0266	0.0698	0.6	0.6
WISP2 WNT1-inducible-signaling pathway protein 2	IPI00022052	27 kDa	14	26	8	12	9	18	20	10	13	0.6030	0.4581	1.3	0.7

XPNPEP2 Xaa-Pro aminopeptidase 2	IPI00439344	76 kDa	2	6	0	0	0	0	0	4	0	0	-	0.1751	-	0.0
YWHAB Isoform Short of 14-3-3 protein beta/alpha	IPI00759832	28 kDa	10	7	22	26	0	0	8	24	0	0.0065	0.0318	0.0	0.0	
YWHAE 14-3-3 protein epsilon	IPI00000816	29 kDa	8	10	21	19	0	0	9	20	0	0.0020	0.0162	0.0	0.0	
YWHAG 14-3-3 protein gamma	IPI00220642	28 kDa	0	7	0	12	0	0	3	6	0	0.4226	0.4226	0.0	0.0	
YWHAH 14-3-3 protein eta	IPI00216319	28 kDa	0	0	0	11	0	0	0	5	0	0.4226	-	0.0	-	
YWHAQ 14-3-3 protein theta	IPI00018146	28 kDa	6	5	0	12	0	0	5	6	0	0.4226	0.0168	0.0	0.0	
YWHAZ 14-3-3 protein zeta/delta	IPI00021263	28 kDa	13	12	49	59	0	2	12	54	1	0.0094	0.0155	0.0	0.1	
ZNF749;HLA-DRB3;LOC100133484;HLA-DRB2;LOC10013361	IPI00019449	18 kDa	186	196	141	167	142	143	191	154	142	0.4587	0.0103	0.9	0.7	
	IPI00827939	12 kDa	0	6	0	0	0	0	3	0	0	-	0.4226	-	0.0	
	IPI00387105	12 kDa	5	5	0	0	0	0	5	0	0	-	0.0017	-	0.0	
	IPI00470652	26 kDa	15	0	0	0	0	0	8	0	0	-	0.4226	-	0.0	