

Table S1. Secretome identified proteins

N	Paragon Score	% Cov	Accession Number	Entry Name	Protein Name	Pept
1	115.41	65.52	Q01149	CO1A2_MOUSE	Collagen alpha-2(I) chain	135
2	114.31	32.78	P11276	FINC_MOUSE	Fibronectin	63
3	107.42	55.68	P11087	CO1A1_MOUSE	Collagen alpha-1(I) chain	151
4	70.43	43.82	Q3U962	CO5A2_MOUSE	Collagen alpha-2(V) chain	52
5	66.61	35.45	P08121	CO3A1_MOUSE	Collagen alpha-1(III) chain	82
6	54.31	42.87	P57780	ACTN4_MOUSE	Alpha-actinin-4	26
7	54.01	72.54	Q8BSH3	Q8BSH3_MOUSE	Tropomyosin alpha-1 chain	32
7	54.01	72.54	P58771	TPM1_MOUSE	Tropomyosin alpha-1 chain	32
8	53.45	57.51	P20152	VIME_MOUSE	Vimentin	33
9	50.45	19.62	Q80YX1	TENA_MOUSE	Tenascin	25
10	45.76	13.57	B7FAU9	B7FAU9_MOUSE	Filamin, alpha	21
10	45.76	13.52	Q8BTM8	FLNA_MOUSE	Filamin-A	21
11	39.12	22.74	P35441	TSP1_MOUSE	Thrombospondin-1	22
12	38.25	39.17	P26041	MOES_MOUSE	Moesin	19
13	37.58	63.47	P60710	ACTB_MOUSE	Actin, cytoplasmic 1	33
13	37.58	58.93	P63260	ACTG_MOUSE	Actin, cytoplasmic 2	32
14	35.94	51.49	P28653	PGS1_MOUSE	Biglycan	25
15	33.76	12.81	P01027	CO3_MOUSE	Complement C3	18
16	32.28	20.08	P10493	NID1_MOUSE	Nidogen-1	18
17	49.78	37.43	A1BN54	A1BN54_MOUSE	Alpha actinin 1a	25
17	49.78	37.22	Q7TPR4	ACTN1_MOUSE	Alpha-actinin-1	25
18	31.69	50.28	P52480	KPYM_MOUSE	Pyruvate kinase PKM	18
19	30.8	48.92	P97298	PEDF_MOUSE	Pigment epithelium-derived factor	16
20	29.35	6.411	E9PZ16	E9PZ16_MOUSE	Basement membrane-specific heparan sulfate proteoglycan core protein	18
20	29.35	6.423	B1B0C7	B1B0C7_MOUSE	Basement membrane-specific heparan sulfate proteoglycan core protein	18
21	27.79	6.122	Q60847	COCA1_MOUSE	Collagen alpha-1(XII) chain	12
21	27.74	6.234	E9PX70	E9PX70_MOUSE	Collagen alpha-1(XII) chain	12
22	26.95	37.69	Q02819	NUCB1_MOUSE	Nucleobindin-1	17
23	26.82	16.51	Q64727	VINC_MOUSE	Vinculin	13
24	25.56	26.63	P63017	HSP7C_MOUSE	Heat shock cognate 71 kDa protein	13
24	25.56	27.43	Q504P4	Q504P4_MOUSE	Heat shock cognate 71 kDa protein	13
25	23.73	14.17	P37889	FBLN2_MOUSE	Fibulin-2	15
26	23.26	40.59	P27773	PDIA3_MOUSE	Protein disulfide-isomerase A3	14
27	22.93	28.81	Q922W6	Q922W6_MOUSE	MCG9886	12
27	22.93	28.93	P28862	MMP3_MOUSE	Stromelysin-1	12
28	20.88	32.84	G5E899	G5E899_MOUSE	Plasminogen activator inhibitor 1	12
28	20.88	32.84	P22777	PAI1_MOUSE	Plasminogen activator inhibitor 1	12
29	20.52	40.55	P17182	ENOA_MOUSE	Alpha-enolase	11
30	20.31	65.67	P37804	TAGL_MOUSE	Transgelin	12
31	19.48	7.755	Q8VDD5	MYH9_MOUSE	Myosin-9	10
32	19	23.97	P09103	PDIA1_MOUSE	Protein disulfide-isomerase	10
33	18.96	30.29	P06745	G6PI_MOUSE	Glucose-6-phosphate isomerase	10
34	18.76	39.2	Q5NCU4	Q5NCU4_MOUSE	SPARC	15
34	18.76	39.07	P07214	SPRC_MOUSE	SPARC	15
35	21.29	45.16	Q6IRU2	TPM4_MOUSE	Tropomyosin alpha-4 chain	14
36	17.07	10.77	O88207	CO5A1_MOUSE	Collagen alpha-1(V) chain	11
37	16.97	17.39	P07141	CSF1_MOUSE	Macrophage colony-stimulating factor 1	9
38	16.72	8.119	Q0VD84	Q0VD84_MOUSE	Latent-transforming growth factor beta-binding protein 2	10
38	14.64	6.343	O08999	LTBP2_MOUSE	Latent-transforming growth factor beta-binding protein 2	9
39	16.38	19.49	P33434	MMP2_MOUSE	72 kDa type IV collagenase	8
40	16.01	62.15	O09164	SODE_MOUSE	Extracellular superoxide dismutase [Cu-Zn]	13
41	15.8	29.62	Q00493	CBPE_MOUSE	Carboxypeptidase E	9
42	15.64	7.915	B8JJN0	B8JJN0_MOUSE	Protein Gm20547	8
42	15.64	13.24	B8JIM5	B8JIM5_MOUSE	Complement factor B	8
42	15.64	13.27	P04186	CFAB_MOUSE	Complement factor B	8
43	15.44	24.57	P28301	LYOX_MOUSE	Protein-lysine 6-oxidase	8
44	15.29	18.62	E9QA15	E9QA15_MOUSE	Protein Cald1	11
44	15.29	26.98	Q8VCQ8	Q8VCQ8_MOUSE	Caldesmon 1	11

45	15.21	6.316	G3X977	G3X977_MOUSE	Inter-alpha trypsin inhibitor, heavy chain 2	8
45	15.21	6.342	Q61703	ITIH2_MOUSE	Inter-alpha-trypsin inhibitor heavy chain H2	8
46	14.29	82	P20065	TYB4_MOUSE	Thymosin beta-4	7
47	14.19	41.22	P63101	I433Z_MOUSE	14-3-3 protein zeta/delta	8
48	14.06	18.64	P28654	PGS2_MOUSE	Decorin	7
49	14.03	10.2	P07724	ALBU_MOUSE	Serum albumin	18
50	13.77	36.6	A6ZI44	A6ZI44_MOUSE	Fructose-bisphosphate aldolase	10
50	13.77	42.03	P05064	ALDOA_MOUSE	Fructose-bisphosphate aldolase A	10
51	13.71	29.52	O35887	CALU_MOUSE	Calumenin	7
52	33.96	55.47	D3Z618	D3Z618_MOUSE	Tropomyosin alpha-3 chain	18
53	13.46	5.016	E9QN70	E9QN70_MOUSE	Laminin subunit beta-1	5
53	13.46	5.151	P02469	LAMB1_MOUSE	Laminin subunit beta-1	5
54	13.44	16.03	P13020	GELS_MOUSE	Gelsolin	8
55	16.14	5.688	Q80X90	FLNB_MOUSE	Filamin-B	10
56	12.95	21.17	P99024	TBB5_MOUSE	Tubulin beta-5 chain	7
57	12.87	13.24	Q8BND5	QSOX1_MOUSE	Sulfhydryl oxidase 1	7
58	12.65	27.03	G3X8T9	G3X8T9_MOUSE	Serine (or cysteine) peptidase inhibitor, clade A, member 3N, isoform CRA_a	7
58	10.57	23.21	Q91WP6	SPA3N_MOUSE	Serine protease inhibitor A3N	6
59	12.61	6.385	P08122	CO4A2_MOUSE	Collagen alpha-2(IV) chain	7
60	12.53	9.574	Q640N1	AEBP1_MOUSE	Adipocyte enhancer-binding protein 1	7
61	12.48	35.95	Q62356	FSTL1_MOUSE	Follistatin-related protein 1	8
62	12.47	51.83	P17742	PPIA_MOUSE	Peptidyl-prolyl cis-trans isomerase A	7
63	12.14	7.849	P02463	CO4A1_MOUSE	Collagen alpha-1(IV) chain	10
64	33.77	53.87	A2AIM4	A2AIM4_MOUSE	Tropomyosin beta chain	19
65	11.05	20.66	P06797	CATL1_MOUSE	Cathepsin L1	7
66	10.98	34.9	G5E8N5	G5E8N5_MOUSE	L-lactate dehydrogenase	9
66	10.98	37.95	P06151	LDHA_MOUSE	L-lactate dehydrogenase A chain	9
67	10.37	15.05	P32261	ANT3_MOUSE	Antithrombin-III	5
68	10.14	39.26	P16045	LEG1_MOUSE	Galectin-1	8
69	10.11	20.21	P48759	PTX3_MOUSE	Pentraxin-related protein PTX3	5
70	10.01	10.05	P58022	LOXL2_MOUSE	Lysyl oxidase homolog 2	5
71	12.45	30.2	P62259	I433E_MOUSE	14-3-3 protein epsilon	6
72	10	45.7	Q60605	MYL6_MOUSE	Myosin light polypeptide 6	5
73	9.87	19.76	P10605	CATB_MOUSE	Cathepsin B	5
74	9.7	44.55	Q6P117	Q6P117_MOUSE	Metalloproteinase inhibitor 2	8
74	9.7	44.55	P25785	TIMP2_MOUSE	Metalloproteinase inhibitor 2	8
75	29.52	46.42	P62737	ACTA_MOUSE	Actin, aortic smooth muscle	24
75	29.98	46.42	P68033	ACTC_MOUSE	Actin, alpha cardiac muscle 1	24
75	28.99	51.33	P63268	ACTH_MOUSE	Actin, gamma-enteric smooth muscle	25
76	9.43	5.286	P97927	LAMA4_MOUSE	Laminin subunit alpha-4	6
77	9.22	6.851	E9Q035	E9Q035_MOUSE	Protein Gm20425	5
77	9.18	9.613	Q92111	TRFE_MOUSE	Serotransferrin	5
78	8.74	17.45	Q62000	MIME_MOUSE	Mimecan	4
79	8.52	20.41	P08249	MDHM_MOUSE	Malate dehydrogenase, mitochondrial	5
80	8.48	33.86	Q9DBJ1	PGAM1_MOUSE	Phosphoglycerate mutase 1	6
81	8.4	12.87	O88342	WDR1_MOUSE	WD repeat-containing protein 1	3
82	8.39	10.65	Q8BFQ1	Q8BFQ1_MOUSE	Prosaposin, isoform CRA_a	4
82	8.39	10.59	Q61207	SAP_MOUSE	Sulfated glycoprotein 1	4
82	8.39	10.71	E9PZ00	E9PZ00_MOUSE	Sulfated glycoprotein 1	4
83	8.27	16.43	D3YUE2	D3YUE2_MOUSE	Procollagen C-endopeptidase enhancer 1	5
83	8.27	17.31	Q61398	PCOC1_MOUSE	Procollagen C-endopeptidase enhancer 1	5
84	8.02	31.91	F8WH23	F8WH23_MOUSE	Insulin-like growth factor-binding protein 7	7
84	8.02	28.75	E9Q5D9	E9Q5D9_MOUSE	Insulin-like growth factor-binding protein 7	7
84	8.02	32.03	Q61581	IBP7_MOUSE	Insulin-like growth factor-binding protein 7	7
85	8	68.18	Q6ZWY8	TYB10_MOUSE	Thymosin beta-10	4
86	7.93	55.71	P62962	PROF1_MOUSE	Profilin-1	8
86	6.21	54.46	Q5SX49	Q5SX49_MOUSE	Profilin	6
87	7.74	30.71	E9PZF0	E9PZF0_MOUSE	Nucleoside diphosphate kinase	4
87	7.74	42.76	Q01768	NDKB_MOUSE	Nucleoside diphosphate kinase B	4
88	7.38	10.52	P97290	IC1_MOUSE	Plasma protease C1 inhibitor	4
88	5.47	13.26	A2ATR8	A2ATR8_MOUSE	Plasma protease C1 inhibitor	3

89	7.2	10.72	Q99K41	EMIL1_MOUSE	EMILIN-1	5
90	7.02	3.805	Q04857	CO6A1_MOUSE	Collagen alpha-1(VI) chain	3
91	6.99	2.417	P01029	CO4B_MOUSE	Complement C4-B	4
92	6.99	5.287	Q61704	ITIH3_MOUSE	Inter-alpha-trypsin inhibitor heavy chain H3	5
92	6.98	5.293	E9PVS1	E9PVS1_MOUSE	Inter-alpha-trypsin inhibitor heavy chain H3	4
93	6.82	13.07	Q9WVA4	TAGL2_MOUSE	Transgelin-2	3
94	6.79	12.9	F8WI14	F8WI14_MOUSE	Extracellular matrix protein 1	6
94	6.76	12.88	Q61508	ECM1_MOUSE	Extracellular matrix protein 1	6
95	6.61	20.98	P12032	TIMP1_MOUSE	Metalloproteinase inhibitor 1	5
96	6.41	1.149	A2AQ53	A2AQ53_MOUSE	Fibrillin-1	4
96	6.28	1.149	Q61554	FBN1_MOUSE	Fibrillin-1	4
97	7.72	8.55	P20029	GRP78_MOUSE	78 kDa glucose-regulated protein	5
98	6.34	5.865	P48678	LMNA_MOUSE	Prelamin-A/C	3
99	6.07	11.61	Q06890	CLUS_MOUSE	Clusterin	3
100	6.06	18.52	P24369	PPIB_MOUSE	Peptidyl-prolyl cis-trans isomerase B	3
101	8.4	20.65	P61982	I433G_MOUSE	14-3-3 protein gamma	4
102	6	26.43	P21460	CYT_C_MOUSE	Cystatin-C	3
102	6	36.27	A2APX3	A2APX3_MOUSE	Cystatin-C (Fragment)	3
103	6	38.46	P19788	MGP_MOUSE	Matrix Gla protein	4
104	5.76	47.06	P01887	B2MG_MOUSE	Beta-2-microglobulin	5
105	5.73	5.939	P11499	HS90B_MOUSE	Heat shock protein HSP 90-beta	3
106	5.66	25.44	Q9JJU8	SH3L1_MOUSE	SH3 domain-binding glutamic acid-rich-like protein	3
107	5.59	29.52	F8WGL3	F8WGL3_MOUSE	Cofilin-1	4
107	5.59	40.36	P18760	COF1_MOUSE	Cofilin-1	4
108	5.56	6.484	E9Q6C2	E9Q6C2_MOUSE	Complement C1s-A subcomponent	3
108	5.56	6.541	Q8CG14	CS1A_MOUSE	Complement C1s-A subcomponent	3
109	5.23	9.879	Q07797	LG3BP_MOUSE	Galectin-3-binding protein	4
110	5.23	14.77	P40124	CAP1_MOUSE	Adenylyl cyclase-associated protein 1	3
111	5.18	5.131	Q62009	POSTN_MOUSE	Periostin	3
112	5.05	4.562	O88322	NID2_MOUSE	Nidogen-2	3
113	5.01	4.218	Q01853	TERA_MOUSE	Transitional endoplasmic reticulum ATPase	3
114	4.98	11.54	P51885	LUM_MOUSE	Lumican	4
115	4.87	32.47	P08228	SODC_MOUSE	Superoxide dismutase [Cu-Zn]	3
116	4.86	20.86	P70296	PEBP1_MOUSE	Phosphatidylethanolamine-binding protein 1	2
117	5.52	2.632	E9QPE7	E9QPE7_MOUSE	Myosin-11	3
118	4.82	6.402	P15116	CADH2_MOUSE	Cadherin-2	3
118	4.27	6.832	D3YYT0	D3YYT0_MOUSE	Cadherin-2	3
119	4.77	3.407	Q08761	PROS_MOUSE	Vitamin K-dependent protein S	2
120	4.57	4.434	G3X9T8	G3X9T8_MOUSE	Ceruloplasmin	4
120	4.57	4.332	G3X8Q5	G3X8Q5_MOUSE	Ceruloplasmin	4
120	4.57	4.328	E9PZD8	E9PZD8_MOUSE	Ceruloplasmin	4
120	4.57	4.43	Q61147	CERU_MOUSE	Ceruloplasmin	4
121	4.56	6.235	P09411	PGK1_MOUSE	Phosphoglycerate kinase 1	2
122	4.47	23.04	Q99PT1	GDIR1_MOUSE	Rho GDP-dissociation inhibitor 1	3
123	4.4	20.13	Q9Z0J0	NPC2_MOUSE	Epididymal secretory protein E1	3
124	4.39	8.837	O88968	TCO2_MOUSE	Transcobalamin-2	2
125	5.26	3.437	Q61245	COBA1_MOUSE	Collagen alpha-1(XI) chain	3
126	4.22	8.408	S4R1W1	S4R1W1_MOUSE	Uncharacterized protein	2
126	4.22	8.408	P16858	G3P_MOUSE	Glyceraldehyde-3-phosphate dehydrogenase	2
127	4.09	7.576	P10126	EF1A1_MOUSE	Elongation factor 1-alpha 1	2
128	4.08	4.243	Q8CG16	C1RA_MOUSE	Complement C1r-A subcomponent	2
129	4.07	10.57	G3X8T3	G3X8T3_MOUSE	Lysosomal protective protein	3
129	4.07	10.97	P16675	PPGB_MOUSE	Lysosomal protective protein	3
130	4.06	2.925	F8VQJ3	F8VQJ3_MOUSE	Laminin subunit gamma-1	3
130	3.93	2.925	P02468	LAMC1_MOUSE	Laminin subunit gamma-1	3
131	4.04	21.54	Q64522	H2A2B_MOUSE	Histone H2A type 2-B	2
131	4	22.4	F8WIX8	F8WIX8_MOUSE	Histone H2A	2
131	4	21.54	Q8CGP7	H2A1K_MOUSE	Histone H2A type 1-K	2
131	4	21.88	Q8CGP6	H2A1H_MOUSE	Histone H2A type 1-H	2
131	4	21.54	Q8CGP5	H2A1F_MOUSE	Histone H2A type 1-F	2
131	4	21.54	Q8BFU2	H2A3_MOUSE	Histone H2A type 3	2
131	4	21.54	Q6GSS7	H2A2A_MOUSE	Histone H2A type 2-A	2

131	4	21.71	Q64523	H2A2C_MOUSE	Histone H2A type 2-C	2
131	4	21.54	P22752	H2A1_MOUSE	Histone H2A type 1	2
131	4	21.71	Q8CGP4	Q8CGP4_MOUSE	Histone H2A	2
131	4	21.71	Q8R1M2	H2AJ_MOUSE	Histone H2A.J	2
131	4	19.58	P27661	H2AX_MOUSE	Histone H2AX	2
132	4.03	3.789	Q3UPN1	Q3UPN1_MOUSE	Vascular cell adhesion protein 1	2
132	4.03	3.789	P29533	VCAM1_MOUSE	Vascular cell adhesion protein 1	2
133	4.86	8.355	Q9Z175	LOXL3_MOUSE	Lysyl oxidase homolog 3	5
133	2.77	10.81	E9Q0X7	E9Q0X7_MOUSE	Lysyl oxidase homolog 3	4
134	4.01	16.9	P01942	HBA_MOUSE	Hemoglobin subunit alpha	2
134	4	16.9	Q91VB8	Q91VB8_MOUSE	Alpha globin 1	2
135	4.01	25.39	P97315	CSRP1_MOUSE	Cysteine and glycine-rich protein 1	3
136	51.91	70.25	F8WID5	F8WID5_MOUSE	Tropomyosin alpha-1 chain	31
136	51.87	72.89	E9Q450	E9Q450_MOUSE	Tropomyosin alpha-1 chain	31
136	40.92	65.85	B7ZNL3	B7ZNL3_MOUSE	Tpm1 protein	24
136	36.76	63.71	G5E8R1	G5E8R1_MOUSE	Tropomyosin 1, alpha, isoform CRA_j	22
136	36.73	57.39	E9Q448	E9Q448_MOUSE	Tropomyosin alpha-1 chain	21
136	32.62	54.03	G5E8R2	G5E8R2_MOUSE	Tropomyosin 1, alpha, isoform CRA_k	19
137	4	2.795	Q6S9I3	Q6S9I3_MOUSE	HMW kininogen-II	2
137	4	3.896	Q6S9I2	Q6S9I2_MOUSE	HMW-kininogen-II variant	2
137	4	4.157	Q6S9I0	Q6S9I0_MOUSE	Kn2 protein	2
137	2	5.085	E0CYI5	E0CYI5_MOUSE	Protein Kn2	1
137	2	1.875	D3YTY9	D3YTY9_MOUSE	Kininogen-1	1
137	2	1.362	O08677	KNG1_MOUSE	Kininogen-1	1
138	4	5.169	Q61598	GDIB_MOUSE	Rab GDP dissociation inhibitor beta	2
139	4	4.069	B1AX58	B1AX58_MOUSE	Plastin-3	2
139	4	4.127	Q99K51	PLST_MOUSE	Plastin-3	2
139	4	4.127	Q3V0K9	PLSI_MOUSE	Plastin-1	2
140	4	15.7	P63028	TCTP_MOUSE	Translationally-controlled tumor protein	2
140	2	9.42	D3YU75	D3YU75_MOUSE	Translationally-controlled tumor protein	1
141	4	41.12	P17095	HMGA1_MOUSE	High mobility group protein HMG-I/HMG-Y	2
142	3.89	30.59	F6Y363	F6Y363_MOUSE	Uncharacterized protein	2
142	3.89	14.13	D3YX76	D3YX76_MOUSE	Glutathione S-transferase Mu 2	2
142	3.89	11.93	P15626	GSTM2_MOUSE	Glutathione S-transferase Mu 2	2
142	3.89	14.36	D3YVP6	D3YVP6_MOUSE	Glutathione S-transferase Mu 7	2
142	3.89	12.15	D3YVP5	D3YVP5_MOUSE	Glutathione S-transferase Mu 7	2
142	3.89	11.93	Q80W21	GSTM7_MOUSE	Glutathione S-transferase Mu 7	2
142	3.89	11.93	P10649	GSTM1_MOUSE	Glutathione S-transferase Mu 1	2
142	3.89	11.93	Q8R516	Q8R516_MOUSE	Glutathione S-transferase mu 4	2
142	3.89	14.13	A2AE91	A2AE91_MOUSE	Protein Gstm4	2
142	2	7.798	P19639	GSTM4_MOUSE	Glutathione S-transferase Mu 3	1
142	2	7.798	O35660	GSTM6_MOUSE	Glutathione S-transferase Mu 6	1
143	3.84	16.96	Q6GT24	Q6GT24_MOUSE	Peroxioredoxin 6	2
143	3.84	16.96	O08709	PRDX6_MOUSE	Peroxioredoxin-6	2
143	1.69	8.5	D3Z0Y2	D3Z0Y2_MOUSE	Peroxioredoxin-6	1
144	3.81	4.036	P98063	BMP1_MOUSE	Bone morphogenetic protein 1	3
145	3.8	20.49	P04918	SAA3_MOUSE	Serum amyloid A-3 protein	2
146	3.74	7.551	Q9D8N0	EF1G_MOUSE	Elongation factor 1-gamma	2
147	3.74	14.13	P97297	ADML_MOUSE	ADM	2
147	1.62	0.8197	Q3URY6	ARMC2_MOUSE	Armadillo repeat-containing protein 2	1
148	3.7	12.79	P05202	AATM_MOUSE	Aspartate aminotransferase, mitochondrial	3
149	3.66	8.173	P14211	CALR_MOUSE	Calreticulin	2
150	4.83	3.219	Q9Z1T2	TSP4_MOUSE	Thrombospondin-4	3
150	3.67	2.252	Q9R0G6	COMP_MOUSE	Cartilage oligomeric matrix protein	2
151	3.46	3.597	P19324	SERPH_MOUSE	Serpin H1	1
152	3.42	17.37	H3BLJ9	H3BLJ9_MOUSE	S-formylglutathione hydrolase	2
152	3.42	15.25	H3BKH6	H3BKH6_MOUSE	S-formylglutathione hydrolase	2
152	3.42	16.98	H3BJL6	H3BJL6_MOUSE	S-formylglutathione hydrolase	2
152	3.42	15.96	Q9R0P3	ESTD_MOUSE	S-formylglutathione hydrolase	2
152	3.42	18.07	H3BK43	H3BK43_MOUSE	S-formylglutathione hydrolase	2
153	3.36	11.08	Q9JII6	AK1A1_MOUSE	Alcohol dehydrogenase [NADP(+)]	2
154	3.33	14.65	Q61171	PRDX2_MOUSE	Peroxioredoxin-2	2

155	3.08	5.638	Q93092	TALDO_MOUSE	Transaldolase	2
156	3.04	3.583	Q8R2G6	CCD80_MOUSE	Coiled-coil domain-containing protein 80	3
157	2.95	3.86	Q8BFR4	GNS_MOUSE	N-acetylglucosamine-6-sulfatase	2
158	2.92	3.326	P68369	TBA1A_MOUSE	Tubulin alpha-1A chain	2
158	2.92	3.326	P05213	TBA1B_MOUSE	Tubulin alpha-1B chain	2
158	2.92	3.341	P68373	TBA1C_MOUSE	Tubulin alpha-1C chain	2
159	2.9	6.085	Q61553	FSCN1_MOUSE	Fascin	2
160	2.88	18.24	P08905	LYZ2_MOUSE	Lysozyme C-2	2
161	2.81	5.319	Q62523	ZYX_MOUSE	Zyxin	2
162	2.81	20.95	P10639	THIO_MOUSE	Thioredoxin	2
163	9.67	5.111	P28481	CO2A1_MOUSE	Collagen alpha-1(II) chain	10
164	4.34	25.3	P45591	COF2_MOUSE	Cofilin-2	3
165	2.68	2.695	Q08879	FBLN1_MOUSE	Fibulin-1	2
166	2.41	0.8658	P26039	TLN1_MOUSE	Talin-1	1
167	2.4	6.59	Q9QUN9	DKK3_MOUSE	Dickkopf-related protein 3	1
168	2.39	7.317	Q9QUM9	PSA6_MOUSE	Proteasome subunit alpha type-6	1
168	2.39	7.93	E0CXB1	E0CXB1_MOUSE	Proteasome subunit alpha type-6	1
169	2.39	21.9	G3UWG1	G3UWG1_MOUSE	MCG115977	2
169	2.39	21.9	P62897	CYC_MOUSE	Cytochrome c, somatic	2
170	2.38	2.864	Q8JZQ9	EIF3B_MOUSE	Eukaryotic translation initiation factor 3 subunit B	1
171	2.37	6.391	D3Z7R6	D3Z7R6_MOUSE	Calponin-2	1
171	2.37	5.574	Q08093	CNN2_MOUSE	Calponin-2	1
172	2.35	12.04	P26883	FKB1A_MOUSE	Peptidyl-prolyl cis-trans isomerase FKBP1A	2
173	2.22	4.911	Q9WVH9	FBLN5_MOUSE	Fibulin-5	3
174	2.21	3.734	Q9Z1Q5	CLIC1_MOUSE	Chloride intracellular channel protein 1	1
175	2.18	6.78	F8WIP8	F8WIP8_MOUSE	Osteopontin	1
175	2.18	6.803	P10923	OSTP_MOUSE	Osteopontin	1
176	2.17	1.697	E9Q616	E9Q616_MOUSE	Protein Ahnak	1
177	2.16	1.609	Q8K007	SULF1_MOUSE	Extracellular sulfatase Sulf-1	1
178	2.15	20.95	Q8C7E4	Q8C7E4_MOUSE	Ribonuclease 4	2
178	2.15	20.95	Q9JJH1	RNAS4_MOUSE	Ribonuclease 4	2
179	2.13	2.894	P08226	APOE_MOUSE	Apolipoprotein E	1
179	2.13	3.879	G3UWN5	G3UWN5_MOUSE	Apolipoprotein E (Fragment)	1
180	2.11	2.538	Q8CI51	PDL15_MOUSE	PDZ and LIM domain protein 5	1
181	2.08	4.146	P55288	CAD11_MOUSE	Cadherin-11	2
181	2	1.295	Q91XZ4	Q91XZ4_MOUSE	Protein Pcdhb6	1
181	2	1.284	Q91XZ2	Q91XZ2_MOUSE	MCG141292	1
182	2.08	5.66	P30412	PPIC_MOUSE	Peptidyl-prolyl cis-trans isomerase C	1
183	2.07	6.829	P18242	CATD_MOUSE	Cathepsin D	2
183	1.59	10.07	F6Y6L6	F6Y6L6_MOUSE	Cathepsin D (Fragment)	2
184	2.07	16.77	H3BLB7	H3BLB7_MOUSE	Insulin-like growth factor-binding protein 4	2
184	2.07	10.63	P47879	IBP4_MOUSE	Insulin-like growth factor-binding protein 4	2
185	2.06	2.729	P40142	TKT_MOUSE	Transketolase	1
186	2.06	2.941	Q9WUU7	CATZ_MOUSE	Cathepsin Z	1
187	2.05	27.55	P50543	S10AB_MOUSE	Protein S100-A11	2
188	2.04	13.15	Q543K9	Q543K9_MOUSE	Purine nucleoside phosphorylase	2
188	2.04	13.15	P23492	PNPH_MOUSE	Purine nucleoside phosphorylase	2
188	2	9.18	Q9D8C9	Q9D8C9_MOUSE	Purine nucleoside phosphorylase	1
189	2.03	8.75	O09131	GSTO1_MOUSE	Glutathione S-transferase omega-1	2
190	2.03	6.069	D3Z2P2	D3Z2P2_MOUSE	Protein Chill	1
190	2.03	6.037	Q61362	CH3L1_MOUSE	Chitinase-3-like protein 1	1
191	2.02	5.645	Q9Z2U0	PSA7_MOUSE	Proteasome subunit alpha type-7	1
191	2.01	5.6	Q9CWH6	PSA7L_MOUSE	Proteasome subunit alpha type-7-like	1
192	5.52	5.321	P07901	HS90A_MOUSE	Heat shock protein HSP 90-alpha	3
193	2.01	0.9744	B1B1A8	B1B1A8_MOUSE	Myosin light chain kinase, smooth muscle	1
193	2.01	0.9789	Q6PDN3	MYLK_MOUSE	Myosin light chain kinase, smooth muscle	1
194	2.01	4.07	E9PXX7	E9PXX7_MOUSE	Thioredoxin domain-containing protein 5	1
194	2.01	3.357	Q91W90	TXND5_MOUSE	Thioredoxin domain-containing protein 5	1
195	39.12	22.72	Q80YQ1	Q80YQ1_MOUSE	Thrombospondin 1	24
196	10.41	27.94	Q6XLQ8	Q6XLQ8_MOUSE	Calumenin	5
197	6.37	15.04	Q9CQV8	1433B_MOUSE	14-3-3 protein beta/alpha	3
197	4.34	16.98	A2A5N1	A2A5N1_MOUSE	14-3-3 protein beta/alpha (Fragment)	2

198	2	0.1964	E9QNY8	E9QNY8_MOUSE	Sacsin	1
198	2	0.1964	Q9JLC8	SACS_MOUSE	Sacsin	1
199	2	2.29	Q9R0H5	K2C71_MOUSE	Keratin, type II cytoskeletal 71	1
199	2	2.098	Q6IFZ6	K2C1B_MOUSE	Keratin, type II cytoskeletal 1b	1
199	2	2.226	Q6NXH9	K2C73_MOUSE	Keratin, type II cytoskeletal 73	1
199	2	2.424	Q6IFZ9	K2C74_MOUSE	Keratin, type II cytoskeletal 74	1
199	2	1.884	P04104	K2C1_MOUSE	Keratin, type II cytoskeletal 1	1
200	2	2.369	P08113	ENPL_MOUSE	Endoplasmic	1
201	2	2.166	Q3UV11	Q3UV11_MOUSE	Keratin, type II cytoskeletal 6B	1
201	2	2.135	Q9Z331	K2C6B_MOUSE	Keratin, type II cytoskeletal 6B	1
201	2	2.23	E9Q1Z0	E9Q1Z0_MOUSE	Protein 4732456N10Rik	1
201	2	2.17	P50446	K2C6A_MOUSE	Keratin, type II cytoskeletal 6A	1
201	2	2.069	Q922U2	K2C5_MOUSE	Keratin, type II cytoskeletal 5	1
201	2	2.178	Q8BGZ7	K2C75_MOUSE	Keratin, type II cytoskeletal 75	1
202	2	2.669	Q9D0F9	PGM1_MOUSE	Phosphoglucosyltransferase-1	1
203	2	1.889	Q9R0E1	PLOD3_MOUSE	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3	1
204	2	3.752	Q9JMH6	TRXR1_MOUSE	Thioredoxin reductase 1, cytoplasmic	1
205	2	4.682	P17751	TPIS_MOUSE	Triosephosphate isomerase	1
205	2	8.383	H7BXC3	H7BXC3_MOUSE	Triosephosphate isomerase	1
206	2	0.8178	Q8CG19	LTBP1_MOUSE	Latent-transforming growth factor beta-binding protein 1	1
207	2	4.828	O89017	LGMN_MOUSE	Legumain	1
208	2	3.077	Q3TNX8	Q3TNX8_MOUSE	A disintegrin and metalloproteinase with thrombospondin motifs 4	1
208	2	3.121	Q8BNJ2	ATS4_MOUSE	A disintegrin and metalloproteinase with thrombospondin motifs 4	1
209	2	10.18	Q91XV3	BASP1_MOUSE	Brain acid soluble protein 1	1
210	2	5.307	P97946	VEGFD_MOUSE	Vascular endothelial growth factor D	1
211	2	2.695	P14152	MDHC_MOUSE	Malate dehydrogenase, cytoplasmic	1
212	2	8.629	Q3UKW2	Q3UKW2_MOUSE	Calmodulin	1
212	2	11.41	P62204	CALM_MOUSE	Calmodulin	1
213	2	0.8637	G3XA20	G3XA20_MOUSE	MCG130431, isoform CRA_a	1
213	2	5.172	E0CYS1	E0CYS1_MOUSE	Protein Grip2	1
213	2	0.8991	E0CXS4	E0CXS4_MOUSE	Protein Grip2	1
214	2	2.901	Q3UPI1	F198B_MOUSE	Protein FAM198B	1
215	2	2.069	Q80X37	Q80X37_MOUSE	CD44 antigen	1
215	2	3.288	Q3U8S1	Q3U8S1_MOUSE	CD44 antigen	1
215	2	2.08	E9QKM8	E9QKM8_MOUSE	CD44 antigen	1
215	2	2.765	A2APM5	A2APM5_MOUSE	CD44 antigen	1
215	2	2.41	A2APM4	A2APM4_MOUSE	CD44 antigen	1
215	2	2.586	A2APM3	A2APM3_MOUSE	CD44 antigen	1
215	2	1.538	A2APM2	A2APM2_MOUSE	CD44 antigen	1
215	2	1.826	A2APM1	A2APM1_MOUSE	CD44 antigen	1
215	2	1.542	P15379	CD44_MOUSE	CD44 antigen	1
216	2	2.619	Q3UKN6	Q3UKN6_MOUSE	Nucleobindin-2	1
216	2	2.619	P81117	NUCB2_MOUSE	Nucleobindin-2	1
217	2	22.64	H7BWX9	H7BWX9_MOUSE	Small ubiquitin-related modifier 2	1
217	2	10.62	G3UZA7	G3UZA7_MOUSE	Small ubiquitin-related modifier 3	1
217	2	16	G3UZ60	G3UZ60_MOUSE	Small ubiquitin-related modifier 3	1
217	2	12.5	G3UWX9	G3UWX9_MOUSE	SMT3 suppressor of mif two 3 homolog 3 (Yeast), isoform CRA_b	1
217	2	14.63	G3UW19	G3UW19_MOUSE	SMT3 suppressor of mif two 3 homolog 3 (Yeast), isoform CRA_c	1
217	2	16.9	D3Z794	D3Z794_MOUSE	Small ubiquitin-related modifier 2	1
217	2	10.91	Q9Z172	SUMO3_MOUSE	Small ubiquitin-related modifier 3	1
217	2	12.63	P61957	SUMO2_MOUSE	Small ubiquitin-related modifier 2	1
218	2	4.839	Q9WV32	ARC1B_MOUSE	Actin-related protein 2/3 complex subunit 1B	1
219	2	2.539	Q9Z0K8	VNN1_MOUSE	Pantetheinase	1
220	2	7.004	Q9D1H9	MFAP4_MOUSE	Microfibril-associated glycoprotein 4	1
221	2	4.913	Q64191	ASPG_MOUSE	N(4)-(beta-N-acetylglucosaminyl)-L-asparaginase	1
222	2	1.977	P97873	LOXL1_MOUSE	Lysyl oxidase homolog 1	1
223	2	3.147	P06801	MAOX_MOUSE	NADP-dependent malic enzyme	1
224	2	20.59	O08997	ATOX1_MOUSE	Copper transport protein ATOX1	1
225	1.85	10.18	E9Q5K3	E9Q5K3_MOUSE	Protein shisa-5	1
225	1.85	7.234	Q9D710	SHSA5_MOUSE	Protein shisa-5	1
226	1.74	7.237	P61089	UBE2N_MOUSE	Ubiquitin-conjugating enzyme E2 N	1
227	1.62	13.33	Q4VWZ5	Q4VWZ5_MOUSE	Acyl-CoA-binding protein	1

227	1.62	28.57	D3Z563	D3Z563_MOUSE	Acyl-CoA-binding protein	1
227	1.62	20.69	P31786	ACBP_MOUSE	Acyl-CoA-binding protein	1
228	1.59	1.151	O89020	AFAM_MOUSE	Afamin	1
229	1.42	2.924	O35664	INAR2_MOUSE	Interferon alpha/beta receptor 2	1
230	1.41	4.202	Q60692	PSB6_MOUSE	Proteasome subunit beta type-6	1
231	1.37	4.065	Q9Z1R9	Q9Z1R9_MOUSE	MCG124046	1
231	1.37	4.065	Q9R0T7	Q9R0T7_MOUSE	MCG15085	1
231	1.37	4.065	Q9QUK9	Q9QUK9_MOUSE	MCG15083	1
231	1.37	4.065	Q792Z0	Q792Z0_MOUSE	Protein Prss3	1
231	1.37	4.082	Q792Y9	Q792Y9_MOUSE	MCG140783	1
231	1.37	4.065	Q792Y8	Q792Y8_MOUSE	MCG15081	1
232	1.32	5.983	P49722	PSA2_MOUSE	Proteasome subunit alpha type-2	1
233	1.28	4.545	Q00623	APOA1_MOUSE	Apolipoprotein A-I	1
234	1.26	0.3364	A2AVA0	SVEP1_MOUSE	Sushi, von Willebrand factor type A, EGF and pentraxin domain-containing protein 1	1
235	1.26	5.405	P10148	CCL2_MOUSE	C-C motif chemokine 2	1
237	1.25	9.633	Q6PFA2	Q6PFA2_MOUSE	Clathrin light chain A	1
237	1.25	9.13	B1AWE1	B1AWE1_MOUSE	Clathrin light chain A	1
237	1.25	9.722	B1AWE0	B1AWE0_MOUSE	Clathrin light chain A	1
237	1.25	8.468	B1AWD9	B1AWD9_MOUSE	Clathrin light chain A	1
237	1.25	8.898	B1AWD8	B1AWD8_MOUSE	Clathrin light chain A	1
237	1.25	8.936	O08585	CLCA_MOUSE	Clathrin light chain A	1
238	1.25	1.119	Q99P72	RTN4_MOUSE	Reticulon-4	1
238	1.25	3.467	Q8BHF5	Q8BHF5_MOUSE	Reticulon	1
238	1.25	3.652	Q8BH78	Q8BH78_MOUSE	Reticulon	1
239	1.23	2.13	P09055	ITB1_MOUSE	Integrin beta-1	1
240	3.63	9.756	P68510	I433F_MOUSE	14-3-3 protein eta	2
241	1.14	1.891	Q8K3X6	ANS4B_MOUSE	Ankyrin repeat and SAM domain-containing protein 4B	1
242	1.14	2.492	Q3U9N4	Q3U9N4_MOUSE	Granulins	1
242	1.14	2.547	P28798	GRN_MOUSE	Granulins	1
243	1.08	3.232	Q9QZF2	GPC1_MOUSE	Glypican-1	1
244	1.05	6.803	P02088	HBB1_MOUSE	Hemoglobin subunit beta-1	1
244	1.05	6.803	P02104	HBE_MOUSE	Hemoglobin subunit epsilon-Y2	1
244	1.05	6.803	A8DUK4	A8DUK4_MOUSE	Beta-globin	1
244	1.05	6.803	P02089	HBB2_MOUSE	Hemoglobin subunit beta-2	1
245	1.04	4.706	O70435	PSA3_MOUSE	Proteasome subunit alpha type-3	1
246	1.04	11.76	Q64433	CH10_MOUSE	10 kDa heat shock protein, mitochondrial	1
247	1.01	0.2774	E9QPE8	E9QPE8_MOUSE	Plectin	1
247	1.01	0.2771	E9QN87	E9QN87_MOUSE	Plectin	1
247	1.01	0.2771	Q9QXS1	PLEC_MOUSE	Plectin	1
248	0.92	0.9337	Q6P5F9	XPO1_MOUSE	Exportin-1	1
249	0.92	3.933	Q61477	NBL1_MOUSE	Neuroblastoma suppressor of tumorigenicity 1	1
250	0.86	2.766	Q9WVJ3	CBPQ_MOUSE	Carboxypeptidase Q	1
251	0.85	2.025	O35188	X3CL1_MOUSE	Fractalkine	1
252	0.82	1.749	P21981	TGM2_MOUSE	Protein-glutamine gamma-glutamyltransferase 2	1
254	0.8	3.241	Q8R2Y2	MUC18_MOUSE	Cell surface glycoprotein MUC18	1
255	0.8	7.767	P62806	H4_MOUSE	Histone H4	1
257	3.11	6.886	P16125	LDHB_MOUSE	L-lactate dehydrogenase B chain	2
258	0.77	4.475	Q61576	FKB10_MOUSE	Peptidyl-prolyl cis-trans isomerase FKBP10	1
258	0.77	5.544	A2A4H9	A2A4H9_MOUSE	Peptidyl-prolyl cis-trans isomerase FKBP10	1
259	0.77	3.44	E9Q1M5	E9Q1M5_MOUSE	Exostosin-2	1
259	0.77	2.389	V9GX32	V9GX32_MOUSE	Exostosin-2	1
259	0.77	1.95	P70428	EXT2_MOUSE	Exostosin-2	1
260	0.75	4.407	P14206	RSSA_MOUSE	40S ribosomal protein SA	1
261	0.74	2.293	P14719	ILRL1_MOUSE	Interleukin-1 receptor-like 1	1
262	0.72	5.263	Q99JY9	ARP3_MOUSE	Actin-related protein 3	1
263	0.71	1.46	Q3UVZ1	Q3UVZ1_MOUSE	Interleukin-1 receptor accessory protein	1
263	0.71	1.563	E9Q6I2	E9Q6I2_MOUSE	Interleukin-1 receptor accessory protein	1
263	0.71	1.754	Q61730	IL1AP_MOUSE	Interleukin-1 receptor accessory protein	1
263	0.7	2.89	G3UY13	G3UY13_MOUSE	Interleukin-1 receptor accessory protein	1

263 proteins were identified in secretome. Cov= coverage (95% confidence); Pept=peptides (95% confidence)

Table S2. Differentially secreted proteins

PROTEIN NAME	ACCESSION NUMBER	BLM-TREATED vs UNTREATED	FOLD CHANGE (FC)	p-value	Log FC	1/FC
Cadherin-2	P15116	↓	0,046715038	0,00647	-1,33054	21,40638
Calreticulin	P14211	↓	0,102657833	0,00049	-0,98861	9,741098
Heat shock protein HSP 90-alpha	P07901	↓	0,27458492	0,00099	-0,56132	3,641861
Lysyl oxidase homolog 2	P58022	↓	0,396437672	0,01057	-0,40183	2,522465
Ankyrin repeat and SAM domain-containing protein 4B	Q8K3X6	↓	0,410767852	0,02852	-0,3864	2,434465
Hemoglobin subunit beta-1	P02088	↓	0,515942982	0,00039	-0,2874	1,938199
Serine (Or cysteine) peptidase inhibitor, clade A, member 3N, isoform CRA_a	G3X8T9	↓	0,522281891	0,02788	-0,2821	1,914675
72 kDa type IV collagenase	P33434	↑	1,934282622	0,0012	0,28652	0,516988
Serum amyloid A-3 protein	P04918	↑	2,175328002	0,01385	0,337525	0,459701
Legumain	O89017	↑	2,346417766	0,00081	0,370405	0,426182
Calmodulin	Q3UKW2	↑	2,400782801	0,03844	0,380353	0,416531
14-3-3 protein eta	P68510	↑	2,544347264	0,0263	0,405576	0,393028
MCG9886	Q922W6	↑	2,564524859	2,70E-06	0,409007	0,389936
Protein Ahnak	E9Q616	↑	2,582799264	0,00282	0,412091	0,387177
Complement C1s-A subcomponent	E9Q6C2	↑	3,02805026	0,03232	0,481163	0,330246
Osteopontin	F8WIP8	↑	3,149561032	0,01764	0,49825	0,317505
Protein Chill	D3Z2P2	↑	6,229361635	0,00034	0,794444	0,16053

17 proteins resulted differentially expressed in secretome (p-value <0.05; Fold Change (FC) >2 for up-regulated (↑) proteins and 1/FC >2 for down-regulated (↓) proteins

Table S3. Identified proteins from released vesicles

N	Paragon Score	% Cov	Accession Number	Entry Name	Protein Name	Pept
1	114.62	26.51	Q60847	COCA1_MOUSE	Collagen alpha-1(XII) chain	58
2	98.63	28.38	P11276	FINC_MOUSE	Fibronectin	53
3	96.34	25.84	B7FAU9	B7FAU9_MOUSE	Filamin, alpha	46
3	96.34	25.77	Q8BTM8	FLNA_MOUSE	Filamin-A	46
4	89.33	17.96	E9PZ16	E9PZ16_MOUSE	Basement membrane-specific heparan sulfate proteoglycan core protein	48
4	87.27	17.6	B1B0C7	B1B0C7_MOUSE	Basement membrane-specific heparan sulfate proteoglycan core protein	47
5	85.7	27.59	P26039	TLN1_MOUSE	Talin-1	45
6	85.43	25.97	Q8VDD5	MYH9_MOUSE	Myosin-9	48
7	67.03	21.28	Q80YX1	TENA_MOUSE	Tenascin	35
8	54.11	27.44	P35441	TSP1_MOUSE	Thrombospondin-1	32
9	46.03	54.24	P52480	KPYM_MOUSE	Pyruvate kinase PKM	26
10	39.28	4.888	Q9JHU4	DYHC1_MOUSE	Cytoplasmic dynein 1 heavy chain 1	17
11	38.32	24.72	P11499	HS90B_MOUSE	Heat shock protein HSP 90-beta	19
12	37.62	56.76	P68033	ACTC_MOUSE	Actin, alpha cardiac muscle 1	34
13	36.96	35.29	P63017	HSP7C_MOUSE	Heat shock cognate 71 kDa protein	19
13	34.93	33.49	Q504P4	Q504P4_MOUSE	Heat shock cognate 71 kDa protein	18
14	36.68	17.03	Q5SXR6	Q5SXR6_MOUSE	Clathrin heavy chain	20
14	36.68	17.07	Q68FD5	CLH1_MOUSE	Clathrin heavy chain 1	20
15	35.47	32.68	F8WIT2	F8WIT2_MOUSE	Annexin	19
15	35.47	32.39	P14824	ANXA6_MOUSE	Annexin A6	19
16	34.67	10.46	P01027	CO3_MOUSE	Complement C3	18
17	34.24	61.49	P99024	TBB5_MOUSE	Tubulin beta-5 chain	21
18	31.93	23	A1BN54	A1BN54_MOUSE	Alpha actinin 1a	15
18	31.93	22.87	Q7TPR4	ACTN1_MOUSE	Alpha-actinin-1	15
19	31.55	41.74	P68368	TBA4A_MOUSE	Tubulin alpha-4A chain	21
20	32.67	48.39	P17182	ENOA_MOUSE	Alpha-enolase	19
21	30.54	29.65	Q01853	TERA_MOUSE	Transitional endoplasmic reticulum ATPase	16
22	30.19	45.05	P16858	G3P_MOUSE	Glyceraldehyde-3-phosphate dehydrogenase	19
22	29.64	45.05	S4R1W1	S4R1W1_MOUSE	Uncharacterized protein	19
23	27.47	50.74	P07356	ANXA2_MOUSE	Annexin A2	13
24	27.1	30.85	P26041	MOES_MOUSE	Moesin	14
25	25.78	42.92	P20152	VIME_MOUSE	Vimentin	16
26	24.74	35.93	P10126	EF1A1_MOUSE	Elongation factor 1-alpha 1	16

27	24.55	15.33	Q9WTI7	MYO1C_MOUSE	Unconventional myosin-Ic	12
28	22.76	6.569	D3YW52	D3YW52_MOUSE	Alpha-2-macroglobulin	14
28	22.76	6.622	Q61838	A2M_MOUSE	Alpha-2-macroglobulin	14
29	22.25	14.91	P11688	ITA5_MOUSE	Integrin alpha-5	12
30	22.08	17.14	P11087	CO1A1_MOUSE	Collagen alpha-1(I) chain	16
31	21.98	17.95	P58252	EF2_MOUSE	Elongation factor 2	11
32	21.38	3.102	Q91ZX7	LRP1_MOUSE	Prolow-density lipoprotein receptor-related protein 1	10
33	21.33	31.4	P80314	TCPB_MOUSE	T-complex protein 1 subunit beta	11
34	20.88	40.43	A6ZI44	A6ZI44_MOUSE	Fructose-bisphosphate aldolase	11
34	20.88	46.43	P05064	ALDOA_MOUSE	Fructose-bisphosphate aldolase A	11
35	20.66	30.06	P80315	PCPD_MOUSE	T-complex protein 1 subunit delta	11
36	18.91	24.76	P48036	ANXA5_MOUSE	Annexin A5	10
37	18.73	26.24	O88342	WDR1_MOUSE	WD repeat-containing protein 1	9
38	18.64	22.39	P80318	TCPG_MOUSE	T-complex protein 1 subunit gamma	10
38	18.64	24.06	E9Q133	E9Q133_MOUSE	T-complex protein 1 subunit gamma	10
38	16.54	21.31	Q3U0I3	Q3U0I3_MOUSE	T-complex protein 1 subunit gamma	9
39	18.36	31.3	G5E8N5	G5E8N5_MOUSE	L-lactate dehydrogenase	11
39	18.36	34.04	P06151	LDHA_MOUSE	L-lactate dehydrogenase A chain	11
40	18.27	25.7	E9Q450	E9Q450_MOUSE	Tropomyosin alpha-1 chain	9
40	18.27	25.7	Q8BSH3	Q8BSH3_MOUSE	Tropomyosin alpha-1 chain	9
40	18.27	25.7	Q8BP43	Q8BP43_MOUSE	Tropomyosin 1, alpha, isoform CRA_c	9
40	18.27	25.7	P58771	TPM1_MOUSE	Tropomyosin alpha-1 chain	9
41	17.81	18.8	P42932	TCPQ_MOUSE	T-complex protein 1 subunit theta	9
41	15.75	19.02	H3BL49	H3BL49_MOUSE	T-complex protein 1 subunit theta	8
42	17.56	30.35	P10107	ANXA1_MOUSE	Annexin A1	10
43	17.31	23.41	Q9WVK4	EHD1_MOUSE	EH domain-containing protein 1	9
44	16.79	23.92	Q07797	LG3BP_MOUSE	Galectin-3-binding protein	9
45	37.44	27.83	P07901	HS90A_MOUSE	Heat shock protein HSP 90-alpha	18
46	16.16	42.21	P35700	PRDX1_MOUSE	Peroxiredoxin-1	9
47	16.09	24.94	P09411	PGK1_MOUSE	Phosphoglycerate kinase 1	8
48	15.85	24.46	P19324	SERPH_MOUSE	Serpin H1	8
49	15.56	14.29	P09055	ITB1_MOUSE	Integrin beta-1	9
50	15.47	22.92	P50247	SAHH_MOUSE	Adenosylhomocysteinase	10
51	15.35	9.789	G3X977	G3X977_MOUSE	Inter-alpha trypsin inhibitor, heavy chain 2	9
51	15.35	9.831	Q61703	ITIH2_MOUSE	Inter-alpha-trypsin inhibitor heavy chain H2	9
52	14.81	19.01	P21956	MFGM_MOUSE	Lactadherin	7
53	14.77	34.83	P37804	TAGL_MOUSE	Transgelin	8
54	14.59	23.23	O55222	ILK_MOUSE	Integrin-linked protein kinase	7
55	14.39	9.076	P10493	NID1_MOUSE	Nidogen-1	7
56	14.34	19.35	Q03265	ATPA_MOUSE	ATP synthase subunit alpha, mitochondrial	8
56	14.34	21.27	D3Z6F5	D3Z6F5_MOUSE	ATP synthase subunit alpha	8
57	24.98	8.824	E9QPE7	E9QPE7_MOUSE	Myosin-11	12
57	20.83	7.049	O08638	MYH11_MOUSE	Myosin-11	10
58	33.61	58.13	P60710	ACTB_MOUSE	Actin, cytoplasmic 1	30
58	33.61	58.13	P63260	ACTG_MOUSE	Actin, cytoplasmic 2	30
58	25.5	50.85	E9Q1F2	E9Q1F2_MOUSE	Actin, cytoplasmic 1	22
59	14.01	16.55	P11983	TCPA_MOUSE	T-complex protein 1 subunit alpha	7
60	13.8	15.59	Q8CIB5	FERM2_MOUSE	Fermitin family homolog 2	7
61	13.59	24.14	P60843	IF4A1_MOUSE	Eukaryotic initiation factor 4A-I	7
62	12.79	3.481	O88783	FA5_MOUSE	Coagulation factor V	7
63	12.23	6.466	Q8BI06	K1199_MOUSE	Protein KIAA1199 homolog	7
64	12	8.046	E9Q3X0	E9Q3X0_MOUSE	Major vault protein	5
64	12	8.13	Q9EQK5	MVP_MOUSE	Major vault protein	5
65	12	32.17	P27661	H2AX_MOUSE	Histone H2AX	6
65	10	24.62	Q64522	H2A2B_MOUSE	Histone H2A type 2-B	5
66	11.93	20.53	P62702	RS4X_MOUSE	40S ribosomal protein S4, X isoform	6
66	9.81	15.65	Q3V1Z5	Q3V1Z5_MOUSE	Protein Rps4l	5
67	14.87	3.075	Q80X90	FLNB_MOUSE	Filamin-B	6
68	11.61	13.88	Q9D0F9	PGM1_MOUSE	Phosphoglucomutase-1	5
68	9.49	11.38	A2CEK3	A2CEK3_MOUSE	Phosphoglucomutase-2	4
69	11.59	12.26	P28271	ACOC_MOUSE	Cytoplasmic aconitate hydratase	7
70	11.52	39.29	Q6GT24	Q6GT24_MOUSE	Peroxiredoxin 6	6

70	11.52	39.29	O08709	PRDX6_MOUSE	Peroxisiredoxin-6	6
71	29.4	41.46	P68369	TBA1A_MOUSE	Tubulin alpha-1A chain	19
71	29.4	41.65	P68373	TBA1C_MOUSE	Tubulin alpha-1C chain	19
72	11.38	14.29	P21981	TGM2_MOUSE	Protein-glutamine gamma-glutamyltransferase 2	7
73	18.54	7.259	Q6GQT1	A2MP_MOUSE	Alpha-2-macroglobulin-P	17
74	11.19	6.754	Q64727	VINC_MOUSE	Vinculin	5
75	11.15	48.62	P84078	ARF1_MOUSE	ADP-ribosylation factor 1	6
75	11.15	48.62	P61205	ARF3_MOUSE	ADP-ribosylation factor 3	6
76	11.03	13.29	O08553	DPYL2_MOUSE	Dihydropyrimidinase-related protein 2	5
77	15.02	14.81	P20029	GRP78_MOUSE	78 kDa glucose-regulated protein	7
78	10.94	8.507	Q02053	UBA1_MOUSE	Ubiquitin-like modifier-activating enzyme 1	6
79	10.3	55.15	Q9R0P5	DEST_MOUSE	Destrin	8
80	10.1	10.48	P80313	TCPH_MOUSE	T-complex protein 1 subunit eta	5
81	10.08	34.62	P49722	PSA2_MOUSE	Proteasome subunit alpha type-2	5
82	15.71	19.19	Q61696	HS71A_MOUSE	Heat shock 70 kDa protein 1A	8
82	15.71	19.16	P17879	HS71B_MOUSE	Heat shock 70 kDa protein 1B	8
83	10.02	4.976	Q04857	CO6A1_MOUSE	Collagen alpha-1(VI) chain	5
84	34.2	60.9	P68372	TBB4B_MOUSE	Tubulin beta-4B chain	20
85	9.97	11.65	E9QPA6	E9QPA6_MOUSE	T-complex protein 1 subunit zeta	4
85	9.97	11.68	P80317	TCPZ_MOUSE	T-complex protein 1 subunit zeta	4
86	9.89	19.73	P20352	TF_MOUSE	Tissue factor	5
87	9.78	8.428	H7BX99	H7BX99_MOUSE	Prothrombin	5
87	9.78	8.414	P19221	THRB_MOUSE	Prothrombin	5
88	9.67	26.76	P01942	HBA_MOUSE	Hemoglobin subunit alpha	9
88	9.48	26.76	Q91VB8	Q91VB8_MOUSE	Alpha globin 1	9
89	9.66	38.31	Q9D1G1	RAB1B_MOUSE	Ras-related protein Rab-1B	5
90	9.52	24.37	J3QP71	J3QP71_MOUSE	Basigin (Fragment)	5
91	9.41	29.79	P35980	RL18_MOUSE	60S ribosomal protein L18	5
91	7.94	33.09	G3UZK4	G3UZK4_MOUSE	60S ribosomal protein L18	4
92	9.39	1.675	E9PWQ3	E9PWQ3_MOUSE	Protein Col6a3	4
92	9.36	2.055	J3QQ16	J3QQ16_MOUSE	Protein Col6a3	4
93	9.27	17.9	Q9D8E6	RL4_MOUSE	60S ribosomal protein L4	5
94	9.25	13.79	O70475	UGDH_MOUSE	UDP-glucose 6-dehydrogenase	4
95	9.18	45.71	P62962	PROF1_MOUSE	Profilin-1	6
95	8	50	Q5SX49	Q5SX49_MOUSE	Profilin	5
96	9.05	30.89	H3BLJ9	H3BLJ9_MOUSE	S-formylglutathione hydrolase	5
96	9.05	28.37	Q9R0P3	ESTD_MOUSE	S-formylglutathione hydrolase	5
97	8.98	28.02	P51150	RAB7A_MOUSE	Ras-related protein Rab-7a	5
98	8.97	9.895	Q8BVQ9	Q8BVQ9_MOUSE	26S protease regulatory subunit 7	4
98	8.97	10.85	P46471	PR57_MOUSE	26S protease regulatory subunit 7	4
99	8.91	8.634	P58022	LOXL2_MOUSE	Lysyl oxidase homolog 2	5
100	9.27	10.23	Q8K1B8	URP2_MOUSE	Fermitin family homolog 3	5
101	8.6	21.46	P61982	I433G_MOUSE	14-3-3 protein gamma	4
102	8.43	10.8	G3UWA6	G3UWA6_MOUSE	4F2 cell-surface antigen heavy chain	4
102	8.43	11.6	P10852	4F2_MOUSE	4F2 cell-surface antigen heavy chain	4
103	8.38	26.77	Q9DBJ1	PGAM1_MOUSE	Phosphoglycerate mutase 1	4
104	8.27	1.997	P19096	FAS_MOUSE	Fatty acid synthase	4
105	8.25	39.74	Q60605	MYL6_MOUSE	Myosin light polypeptide 6	5
106	8.14	0.965	E9Q1Y3	E9Q1Y3_MOUSE	Apolipoprotein B-100 (Fragment)	4
106	8.14	0.9545	E9Q414	APOB_MOUSE	Apolipoprotein B-100	4
107	8.09	5.338	P04104	K2C1_MOUSE	Keratin, type II cytoskeletal 1	4
108	8.08	7.821	P13020	GELS_MOUSE	Gelsolin	4
109	8.06	23.94	E9Q6X0	E9Q6X0_MOUSE	Microtubule-associated protein RP/EB family member 2	5
109	8.06	20.86	Q8R001	MARE2_MOUSE	Microtubule-associated protein RP/EB family member 2	5
110	8.03	41.75	P62806	H4_MOUSE	Histone H4	4
111	8.03	29.25	A8DUK4	A8DUK4_MOUSE	Beta-globin	6
111	8	21.77	P02089	HBB2_MOUSE	Hemoglobin subunit beta-2	5
111	8	21.77	P02088	HBB1_MOUSE	Hemoglobin subunit beta-1	5
112	14.01	18.85	A2AQ07	TBB1_MOUSE	Tubulin beta-1 chain	9
113	8	16.46	O35490	BHMT1_MOUSE	Betaine--homocysteine S-methyltransferase 1	4
114	7.85	4.668	P37889	FBLN2_MOUSE	Fibulin-2	5
115	7.91	15	P62192	PRS4_MOUSE	26S protease regulatory subunit 4	4

116	7.69	20.16	Q9Z2U0	PSA7_MOUSE	Proteasome subunit alpha type-7	4
117	7.67	18.24	E9PUX4	E9PUX4_MOUSE	60S ribosomal protein L6	4
117	7.67	18.24	P47911	RL6_MOUSE	60S ribosomal protein L6	4
118	7.66	19.17	L7N202	L7N202_MOUSE	Uncharacterized protein	4
118	7.66	19.17	D3YXT4	D3YXT4_MOUSE	Uncharacterized protein	4
118	7.66	19.17	P12970	RL7A_MOUSE	60S ribosomal protein L7a	4
119	7.5	7.585	E9Q616	E9Q616_MOUSE	Protein Ahnak	7
120	7.47	11.9	Q9D8N0	EF1G_MOUSE	Elongation factor 1-gamma	4
121	7.43	5.822	P70168	IMB1_MOUSE	Importin subunit beta-1	4
122	7.4	9.427	P80316	TCPE_MOUSE	T-complex protein 1 subunit epsilon	4
123	7.22	6.579	P07724	ALBU_MOUSE	Serum albumin	9
124	7.09	16.89	P43274	H14_MOUSE	Histone H1.4	4
124	5.24	10.86	P43277	H13_MOUSE	Histone H1.3	3
124	5.24	11.32	P15864	H12_MOUSE	Histone H1.2	3
125	7.02	18.75	P62242	RS8_MOUSE	40S ribosomal protein S8	3
126	6.92	7.484	Q8K0E8	FIBB_MOUSE	Fibrinogen beta chain	4
127	6.86	23.12	Q9WVA4	TAGL2_MOUSE	Transgelin-2	3
128	6.84	11.97	Q61553	FSCN1_MOUSE	Fascin	5
129	6.81	3.088	Q3V117	Q3V117_MOUSE	ATP-citrate synthase	3
129	6.81	3.116	Q91V92	ACLY_MOUSE	ATP-citrate synthase	3
130	6.76	6.061	A2A513	A2A513_MOUSE	Keratin, type I cytoskeletal 10	3
130	6.76	5.965	P02535	K1C10_MOUSE	Keratin, type I cytoskeletal 10	3
131	6.68	4.985	Q8VDN2	AT1A1_MOUSE	Sodium/potassium-transporting ATPase subunit alpha-1	4
132	6.66	26.87	Q8CBB6	Q8CBB6_MOUSE	Histone H2B	3
132	6.66	28.57	Q8CGP2	H2B1P_MOUSE	Histone H2B type 1-P	3
132	6.66	28.57	Q8CGP1	H2B1K_MOUSE	Histone H2B type 1-K	3
132	6.66	28.57	Q6ZWY9	H2B1C_MOUSE	Histone H2B type 1-C/E/G	3
132	6.66	28.57	Q64525	H2B2B_MOUSE	Histone H2B type 2-B	3
132	6.66	28.57	Q64478	H2B1H_MOUSE	Histone H2B type 1-H	3
132	6.66	28.57	Q64475	H2B1B_MOUSE	Histone H2B type 1-B	3
132	6.66	28.57	P10854	H2B1M_MOUSE	Histone H2B type 1-M	3
132	6.66	28.57	P10853	H2B1F_MOUSE	Histone H2B type 1-F/J/L	3
132	6.05	30	G3X9D5	G3X9D5_MOUSE	Histone H2B type 2-B	3
133	23.36	15.46	P57780	ACTN4_MOUSE	Alpha-actinin-4	11
134	6.56	14.65	P08752	GNAI2_MOUSE	Guanine nucleotide-binding protein G(i) subunit alpha-2	4
135	6.55	3.644	Q01149	CO1A2_MOUSE	Collagen alpha-2(I) chain	3
136	6.54	11.63	Q61753	SERA_MOUSE	D-3-phosphoglycerate dehydrogenase	4
137	6.53	19.06	P17751	TPIS_MOUSE	Triosephosphate isomerase	3
137	6	34.13	H7BXC3	H7BXC3_MOUSE	Triosephosphate isomerase	3
138	6.45	12.95	Q9CXW7	Q9CXW7_MOUSE	40S ribosomal protein S9	3
138	6.45	13.24	D3YWH9	D3YWH9_MOUSE	40S ribosomal protein S9	3
138	6.45	9.278	Q6ZWN5	RS9_MOUSE	40S ribosomal protein S9	3
139	6.43	13.9	P14206	RSSA_MOUSE	40S ribosomal protein SA	3
140	6.37	5.741	Q8R1F1	NIBL1_MOUSE	Niban-like protein 1	3
141	6.37	12.07	Q62465	VAT1_MOUSE	Synaptic vesicle membrane protein VAT-1 homolog	4
142	6.32	12.3	P26645	MARCS_MOUSE	Myristoylated alanine-rich C-kinase substrate	3
143	6.26	16.57	P51885	LUM_MOUSE	Lumican	4
144	6.21	4.419	O88322	NID2_MOUSE	Nidogen-2	3
145	6.19	8.507	P56480	ATPB_MOUSE	ATP synthase subunit beta, mitochondrial	3
146	6.16	18.01	Q9R1P0	PSA4_MOUSE	Proteasome subunit alpha type-4	3
147	6.15	8.228	P40124	CAP1_MOUSE	Adenylyl cyclase-associated protein 1	3
148	8.33	21.14	Q9CQV8	1433B_MOUSE	14-3-3 protein beta/alpha	4
149	6.06	4.389	Q99P72	RTN4_MOUSE	Reticulon-4	3
149	6.06	13.6	Q8BHF5	Q8BHF5_MOUSE	Reticulon	3
149	6.06	14.33	Q8BH78	Q8BH78_MOUSE	Reticulon	3
150	6.45	4.901	Q9R0G6	COMP_MOUSE	Cartilage oligomeric matrix protein	4
151	6.02	19.9	P60766	CDC42_MOUSE	Cell division control protein 42 homolog	3
152	8.21	24.9	P63101	1433Z_MOUSE	14-3-3 protein zeta/delta	4
153	6	23.35	F8WGL3	F8WGL3_MOUSE	Cofilin-1	3
153	6	31.93	P18760	COF1_MOUSE	Cofilin-1	3
154	5.96	9.462	P32261	ANT3_MOUSE	Antithrombin-III	4
155	5.96	24.39	P17742	PPIA_MOUSE	Peptidyl-prolyl cis-trans isomerase A	3

156	5.93	15.74	P62492	RB11A_MOUSE	Ras-related protein Rab-11A	3
156	5.93	22.82	G3UY29	G3UY29_MOUSE	MCG22989, isoform CRA_a	3
156	5.93	22.22	E9Q3P9	E9Q3P9_MOUSE	Ras-related protein Rab-11A	3
156	5.93	15.6	P46638	RB11B_MOUSE	Ras-related protein Rab-11B	3
156	3.77	11.92	G3UZD3	G3UZD3_MOUSE	Ras-related protein Rab-11B	2
157	5.92	25.17	P62301	RS13_MOUSE	40S ribosomal protein S13	3
158	5.91	18.52	P62827	RAN_MOUSE	GTP-binding nuclear protein Ran	3
158	3.76	10.19	Q14AA6	Q14AA6_MOUSE	MCG49183	2
159	5.9	10.53	Q99JY9	ARP3_MOUSE	Actin-related protein 3	3
160	5.83	2.661	Q8R0Y6	AL1L1_MOUSE	Cytosolic 10-formyltetrahydrofolate dehydrogenase	2
161	5.82	7.781	Q61646	HPT_MOUSE	Haptoglobin	4
162	5.77	5.603	Q76MZ3	2AAA_MOUSE	Serine/threonine-protein phosphatase 2A 65 kDa regulatory subunit A alpha isoform	2
163	5.76	11.67	P68040	GBLP_MOUSE	Guanine nucleotide-binding protein subunit beta-2-like 1	3
164	5.75	1.302	O08710	THYG_MOUSE	Thyroglobulin	3
165	5.69	19.86	P14131	RS16_MOUSE	40S ribosomal protein S16	3
166	7.75	14.86	O35639	ANXA3_MOUSE	Annexin A3	4
167	5.47	21.05	F6YVP7	F6YVP7_MOUSE	Uncharacterized protein	3
167	5.47	21.05	P62270	RS18_MOUSE	40S ribosomal protein S18	3
167	3.34	18.69	S4R1N6	S4R1N6_MOUSE	40S ribosomal protein S18	2
168	5.47	20.65	Q99JI6	RAP1B_MOUSE	Ras-related protein Rap-1b	3
168	4.07	12.5	P62835	RAP1A_MOUSE	Ras-related protein Rap-1A	2
169	5.46	68	P20065	TYB4_MOUSE	Thymosin beta-4	3
170	5.43	10	O09131	GSTO1_MOUSE	Glutathione S-transferase omega-1	3
171	5.4	3.108	D3Z7D5	D3Z7D5_MOUSE	Collagen alpha-2(VI) chain	3
171	5.4	2.805	Q02788	C06A2_MOUSE	Collagen alpha-2(VI) chain	3
172	5.38	13.28	P28653	PGS1_MOUSE	Biglycan	3
173	7.62	20	P62259	1433E_MOUSE	14-3-3 protein epsilon	4
174	9.48	7.232	P08113	ENPL_MOUSE	Endoplasmic	5
175	5.3	15.14	P14869	RLA0_MOUSE	60S acidic ribosomal protein P0	4
175	5.3	15.14	E9Q070	E9Q070_MOUSE	Uncharacterized protein	4
176	5.27	12.13	Q61598	GDIB_MOUSE	Rab GDP dissociation inhibitor beta	4
177	5.24	19.12	P62071	RRAS2_MOUSE	Ras-related protein R-Ras2	3
177	3.14	12.39	P10833	RRAS_MOUSE	Ras-related protein R-Ras	2
178	5.21	2.925	Q61704	ITIH3_MOUSE	Inter-alpha-trypsin inhibitor heavy chain H3	3
178	5.21	3.72	E9PVS1	E9PVS1_MOUSE	Inter-alpha-trypsin inhibitor heavy chain H3	3
179	5.17	15.81	Q9QYB1	CLIC4_MOUSE	Chloride intracellular channel protein 4	3
180	5.13	11.11	P14148	RL7_MOUSE	60S ribosomal protein L7	2
181	5.01	3.803	Q8BU30	SYIC_MOUSE	Isoleucine--tRNA ligase, cytoplasmic	3
182	4.93	10.21	Q8C1B7	SEP11_MOUSE	Septin-11	3
183	4.84	8.904	E0CXM2	E0CXM2_MOUSE	Argininosuccinate lyase	3
183	4.84	8.405	Q91Y10	ARLY_MOUSE	Argininosuccinate lyase	3
184	4.77	4.826	Q3U367	Q3U367_MOUSE	4-trimethylaminobutyraldehyde dehydrogenase	2
184	4.77	5.061	Q9JLJ2	AL9A1_MOUSE	4-trimethylaminobutyraldehyde dehydrogenase	2
185	4.76	10.56	Q9DCD0	6PGD_MOUSE	6-phosphogluconate dehydrogenase, decarboxylating	3
186	4.75	10.48	Q9WV32	ARC1B_MOUSE	Actin-related protein 2/3 complex subunit 1B	3
187	4.69	6.193	Q8VCM7	FIBG_MOUSE	Fibrinogen gamma chain	3
188	8.79	36.67	P61750	ARF4_MOUSE	ADP-ribosylation factor 4	4
188	6.73	29.41	E9Q798	E9Q798_MOUSE	ADP-ribosylation factor 4	3
189	4.65	4.258	Q9WU78	PDC6L_MOUSE	Programmed cell death 6-interacting protein	3
190	6.11	12.76	P62908	RS3_MOUSE	40S ribosomal protein S3	3
190	6.11	16.23	D3YV43	D3YV43_MOUSE	40S ribosomal protein S3	3
191	4.64	5.943	E9QP62	E9QP62_MOUSE	LIM and senescent cell antigen-like-containing domain protein 1	2
191	4.64	7.077	Q99JW4	LIMS1_MOUSE	LIM and senescent cell antigen-like-containing domain protein 1	2
191	2.57	3.226	Q91XD2	LIMS2_MOUSE	LIM and senescent cell antigen-like-containing domain protein 2	1
192	4.61	5.835	P50516	VATA_MOUSE	V-type proton ATPase catalytic subunit A	2
193	4.46	12.55	Q9R1P4	PSA1_MOUSE	Proteasome subunit alpha type-1	2
194	4.45	2.833	Q3TXS7	PSMD1_MOUSE	26S proteasome non-ATPase regulatory subunit 1	2
195	4.37	5.624	Q9CZD3	SYG_MOUSE	Glycine--tRNA ligase	2
196	4.33	17.03	P09528	FRIH_MOUSE	Ferritin heavy chain	3
197	4.3	26.97	E9PZF0	E9PZF0_MOUSE	Nucleoside diphosphate kinase	3
197	4.3	28.29	Q01768	NDKB_MOUSE	Nucleoside diphosphate kinase B	3

197	2.91	19.08	P15532	NDKA_MOUSE	Nucleoside diphosphate kinase A	2
198	4.29	5.405	Q9CWX9	PUR9_MOUSE	Bifunctional purine biosynthesis protein PURH	2
199	4.27	9.353	P97298	PEDF_MOUSE	Pigment epithelium-derived factor	3
200	4.23	4.715	P09103	PDIA1_MOUSE	Protein disulfide-isomerase	2
201	4.23	19.53	J3QK04	J3QK04_MOUSE	MCG67952	2
201	4.23	10.78	E9QNP0	E9QNP0_MOUSE	KxDL motif-containing protein 1	2
201	4.23	19.53	P62984	RL40_MOUSE	Ubiquitin-60S ribosomal protein L40	2
201	4.23	16.03	P62983	RS27A_MOUSE	Ubiquitin-40S ribosomal protein S27a	2
201	4.23	30.65	P0CG50	UBC_MOUSE	Polyubiquitin-C	2
201	4.23	32.79	P0CG49	UBB_MOUSE	Polyubiquitin-B	2
202	4.2	3.976	P38647	GRP75_MOUSE	Stress-70 protein, mitochondrial	2
203	4.2	14.71	Q91V55	Q91V55_MOUSE	40S ribosomal protein S5	2
203	4.08	14.71	P97461	RS5_MOUSE	40S ribosomal protein S5	2
204	4.16	0.6383	E9QMZ5	E9QMZ5_MOUSE	Plectin	2
204	4.16	0.6182	Q9QXS1	PLEC_MOUSE	Plectin	2
204	4.16	0.6612	E9Q3W4	E9Q3W4_MOUSE	Plectin	2
205	4.15	6.897	H3BJ97	H3BJ97_MOUSE	Tubulointerstitial nephritis antigen-like	2
205	4.15	6.438	Q99JR5	TINAL_MOUSE	Tubulointerstitial nephritis antigen-like	2
206	4.12	4.397	Q9EQH3	VPS35_MOUSE	Vacuolar protein sorting-associated protein 35	2
207	4.11	6.716	G5E899	G5E899_MOUSE	Plasminogen activator inhibitor 1	2
207	4.11	6.716	P22777	PAI1_MOUSE	Plasminogen activator inhibitor 1	2
208	4.11	8.74	Q99JI4	PSMD6_MOUSE	26S proteasome non-ATPase regulatory subunit 6	2
209	4.45	5.081	Q9QWL7	K1C17_MOUSE	Keratin, type I cytoskeletal 17	2
209	3.61	2.686	Q61781	K1C14_MOUSE	Keratin, type I cytoskeletal 14	1
210	4.06	12.45	Q9Z1Q5	CLIC1_MOUSE	Chloride intracellular channel protein 1	2
211	4.06	9.763	P08249	MDHM_MOUSE	Malate dehydrogenase, mitochondrial	2
212	6.23	17.55	P68254	I433T_MOUSE	14-3-3 protein theta	3
213	4.05	7.456	Q9D8W5	PSD12_MOUSE	26S proteasome non-ATPase regulatory subunit 12	2
213	4.05	8.134	Q3TRH2	Q3TRH2_MOUSE	26S proteasome non-ATPase regulatory subunit 12	2
214	4.05	12.2	Q9DB05	SNAA_MOUSE	Alpha-soluble NSF attachment protein	2
215	4.02	6.822	P51655	GPC4_MOUSE	Glypican-4	3
216	4.01	3.323	Q62167	DDX3X_MOUSE	ATP-dependent RNA helicase DDX3X	2
216	4.01	3.333	P16381	DDX3L_MOUSE	Putative ATP-dependent RNA helicase P110	2
216	4.01	3.343	Q62095	DDX3Y_MOUSE	ATP-dependent RNA helicase DDX3Y	2
217	4.01	3.825	Q8BH61	F13A_MOUSE	Coagulation factor XIII A chain	2
218	4.01	16.75	Q3UKW2	Q3UKW2_MOUSE	Calmodulin	3
218	4.01	22.15	P62204	CALM_MOUSE	Calmodulin	3
219	4.01	4.787	Q62523	ZYX_MOUSE	Zyxin	2
220	4.01	28.89	P16045	LEG1_MOUSE	Galactin-1	3
221	4	4.615	Q8JZK9	HMCS1_MOUSE	Hydroxymethylglutaryl-CoA synthase, cytoplasmic	2
221	2	2.165	P54869	HMCS2_MOUSE	Hydroxymethylglutaryl-CoA synthase, mitochondrial	1
222	4	15.85	Q9CPX4	Q9CPX4_MOUSE	Ferritin	4
222	4	15.85	P29391	FRIL1_MOUSE	Ferritin light chain 1	4
222	4	15.85	P49945	FRIL2_MOUSE	Ferritin light chain 2	4
222	2	15.48	H3BKD3	H3BKD3_MOUSE	Ferritin	3
223	4	15.69	Q99PT1	GDIR1_MOUSE	Rho GDP-dissociation inhibitor 1	2
224	4	7.595	Q3THS6	METK2_MOUSE	S-adenosylmethionine synthase isoform type-2	2
225	4	6.122	Q9R0N0	GALK1_MOUSE	Galactokinase	2
226	4	19.91	Q91XV3	BASP1_MOUSE	Brain acid soluble protein 1	3
227	4	16.58	P97315	CSRP1_MOUSE	Cysteine and glycine-rich protein 1	2
228	4	22.69	P60867	RS20_MOUSE	40S ribosomal protein S20	2
229	4	5.729	P51410	RL9_MOUSE	60S ribosomal protein L9	2
230	4	18.22	P35762	CD81_MOUSE	CD81 antigen	3
231	4	12.78	P08030	APT_MOUSE	Adenine phosphoribosyltransferase	2
232	4	10.53	D3Z7R6	D3Z7R6_MOUSE	Calponin-2	2
232	4	9.18	Q08093	CNN2_MOUSE	Calponin-2	2
233	3.94	8.757	J3QP68	J3QP68_MOUSE	Uncharacterized protein	2
233	3.94	7.416	E9PW66	E9PW66_MOUSE	Nucleosome assembly protein 1-like 1	2
233	3.94	7.928	P28656	NP1L1_MOUSE	Nucleosome assembly protein 1-like 1	2
234	3.91	12.03	Q9Z2U1	PSA5_MOUSE	Proteasome subunit alpha type-5	2
234	3.88	12.03	D3YX79	D3YX79_MOUSE	Proteasome subunit alpha type	2
235	3.9	1.064	E9QAI5	E9QAI5_MOUSE	DNA fragmentation factor subunit beta	2

235	3.9	1.034	B2RQC6	PYR1_MOUSE	CAD protein	2
236	3.89	5.538	Q9JII6	AK1A1_MOUSE	Alcohol dehydrogenase [NADP(+)]	2
236	2.66	2.658	Q9DCT1	AKCL2_MOUSE	1,5-anhydro-D-fructose reductase	1
237	3.86	3.587	P47856	GFPT1_MOUSE	Glutamine--fructose-6-phosphate aminotransferase [isomerizing] 1	2
238	3.85	6.397	E9Q242	E9Q242_MOUSE	Adenylosuccinate lyase	2
238	3.85	6.198	P54822	PUR8_MOUSE	Adenylosuccinate lyase	2
238	2	4.471	E9Q3T7	E9Q3T7_MOUSE	Adenylosuccinate lyase	1
239	3.84	7	A2AGN7	A2AGN7_MOUSE	26S protease regulatory subunit 6A	2
239	3.84	6.335	O88685	PRS6A_MOUSE	26S protease regulatory subunit 6A	2
239	3.84	6.208	B7ZCF1	B7ZCF1_MOUSE	26S protease regulatory subunit 6A	2
240	3.84	13.08	A2AMW0	A2AMW0_MOUSE	Capping protein (Actin filament) muscle Z-line, beta, isoform CRA_a	2
240	3.84	12.27	P47757	CAPZB_MOUSE	F-actin-capping protein subunit beta	2
241	3.82	5.946	Q99K85	SERC_MOUSE	Phosphoserine aminotransferase	2
241	3.62	5.995	Q3U6K9	Q3U6K9_MOUSE	Phosphoserine aminotransferase	2
242	3.82	7.868	P61161	ARP2_MOUSE	Actin-related protein 2	2
243	3.71	2.06	Q9ET54	PALLD_MOUSE	Palladin	2
244	3.67	13.07	P62717	RL18A_MOUSE	60S ribosomal protein L18a	2
245	3.66	2.596	Q61768	KINH_MOUSE	Kinesin-1 heavy chain	2
246	3.62	19.17	Q9QUI0	RHOA_MOUSE	Transforming protein RhoA	3
246	1.5	12.95	Q62159	RHOC_MOUSE	Rho-related GTP-binding protein RhoC	2
247	3.6	13.11	Q923D2	BLVRB_MOUSE	Flavin reductase (NADPH)	2
247	3.6	10.93	E9PZC3	E9PZC3_MOUSE	Flavin reductase (NADPH)	2
247	1.48	8.333	E9PZC4	E9PZC4_MOUSE	Flavin reductase (NADPH)	1
248	3.57	3.64	E9QKM8	E9QKM8_MOUSE	CD44 antigen	2
248	3.56	4.839	A2APM5	A2APM5_MOUSE	CD44 antigen	2
248	3.56	2.699	P15379	CD44_MOUSE	CD44 antigen	2
249	3.54	7.455	P62334	PRS10_MOUSE	26S protease regulatory subunit 10B	2
250	3.53	3.253	Q3TTY5	K22E_MOUSE	Keratin, type II cytoskeletal 2 epidermal	2
251	3.47	6.619	Q8BP47	SYNC_MOUSE	Asparagine--tRNA ligase, cytoplasmic	2
252	3.46	5.665	P11438	LAMP1_MOUSE	Lysosome-associated membrane glycoprotein 1	2
253	3.38	6.897	Q8K1K2	Q8K1K2_MOUSE	26S protease regulatory subunit 8	2
253	3.38	5.911	PRS8_MOUSE	PRS8_MOUSE	26S protease regulatory subunit 8	2
254	3.33	3.514	P82198	BGH3_MOUSE	Transforming growth factor-beta-induced protein ig-h3	2
255	3.33	9.04	Q8CBR6	TSK_MOUSE	Tskushin	2
256	3.32	8.057	Q9JHH6	CBPB2_MOUSE	Carboxypeptidase B2	2
257	3.38	10.48	P16125	LDHB_MOUSE	L-lactate dehydrogenase B chain	3
258	28.94	53.26	Q7TMM9	TBB2A_MOUSE	Tubulin beta-2A chain	18
259	3.22	1.683	P14211	CALR_MOUSE	Calreticulin	1
260	5.39	21.77	P02104	HBE_MOUSE	Hemoglobin subunit epsilon-Y2	6
260	3.19	14.97	Q9CR49	Q9CR49_MOUSE	Hemoglobin Y, beta-like embryonic chain	4
260	1.31	6.122	P04444	HBBZ_MOUSE	Hemoglobin subunit beta-H1	3
261	3.19	2.681	P97464	EXT1_MOUSE	Exostosin-1	2
262	3.12	5.45	Q8BG32	PSD11_MOUSE	26S proteasome non-ATPase regulatory subunit 11	2
262	2.99	14.37	G3UXL5	G3UXL5_MOUSE	26S proteasome non-ATPase regulatory subunit 11 (Fragment)	2
262	2.99	11	G3UYH2	G3UYH2_MOUSE	26S proteasome non-ATPase regulatory subunit 11 (Fragment)	2
263	3.12	4.469	P63085	MK01_MOUSE	Mitogen-activated protein kinase 1	2
264	3.09	9.35	Q9QUM9	PSA6_MOUSE	Proteasome subunit alpha type-6	2
264	2.03	5.727	E0CXB1	E0CXB1_MOUSE	Proteasome subunit alpha type-6	1
265	3.08	15.58	P08228	SODC_MOUSE	Superoxide dismutase [Cu-Zn]	2
266	3.02	6.734	Q08091	CNN1_MOUSE	Calponin-1	2
267	3.02	20.87	P62855	RS26_MOUSE	40S ribosomal protein S26	2
268	2.97	8.029	P28301	LYOX_MOUSE	Protein-lysine 6-oxidase	2
269	2.96	23.7	P63276	RS17_MOUSE	40S ribosomal protein S17	2
270	2.9	2.275	Q9WV91	FPRP_MOUSE	Prostaglandin F2 receptor negative regulator	1
271	2.95	4.275	E9Q1Z0	E9Q1Z0_MOUSE	Protein 4732456N10Rik	2
271	2.09	2.069	Q922U2	K2C5_MOUSE	Keratin, type II cytoskeletal 5	1
271	2.09	2.17	P50446	K2C6A_MOUSE	Keratin, type II cytoskeletal 6A	1
271	2.09	2.166	Q3UV11	Q3UV11_MOUSE	Keratin, type II cytoskeletal 6B	1
271	2.09	2.135	Q9Z331	K2C6B_MOUSE	Keratin, type II cytoskeletal 6B	1
271	2.09	2.178	Q8BGZ7	K2C75_MOUSE	Keratin, type II cytoskeletal 75	1
272	2.87	5.315	Q91ZJ5	UGPA_MOUSE	UTP--glucose-1-phosphate uridylyltransferase	2

273	2.85	1.882	Q9ET01	PYGL_MOUSE	Glycogen phosphorylase, liver form	1
273	2.85	2.108	Q3UEJ6	Q3UEJ6_MOUSE	Phosphorylase	1
274	2.85	9.239	D3YX76	D3YX76_MOUSE	Glutathione S-transferase Mu 2	1
274	2.82	7.798	P10649	GSTM1_MOUSE	Glutathione S-transferase Mu 1	1
274	2.85	7.798	P15626	GSTM2_MOUSE	Glutathione S-transferase Mu 2	1
274	2.78	7.798	Q8R5I6	Q8R5I6_MOUSE	Glutathione S-transferase mu 4	1
274	2.78	9.239	A2AE91	A2AE91_MOUSE	Protein Gstm4	1
274	2.78	20	F6Y363	F6Y363_MOUSE	Uncharacterized protein	1
274	2.78	9.392	D3YVP6	D3YVP6_MOUSE	Glutathione S-transferase Mu 7	1
274	2.78	7.944	D3YVP5	D3YVP5_MOUSE	Glutathione S-transferase Mu 7	1
274	2.78	7.798	Q80W21	GSTM7_MOUSE	Glutathione S-transferase Mu 7	1
274	2	7.798	P19639	GSTM4_MOUSE	Glutathione S-transferase Mu 3	1
274	2	7.798	O35660	GSTM6_MOUSE	Glutathione S-transferase Mu 6	1
275	2.81	8.78	Q9R1P1	PSB3_MOUSE	Proteasome subunit beta type-3	2
276	2.79	6.863	E9QAZ2	E9QAZ2_MOUSE	Ribosomal protein L15	1
276	2.79	6.863	Q9CZM2	RL15_MOUSE	60S ribosomal protein L15	1
277	2.78	2.476	E9QB01	E9QB01_MOUSE	Neural cell adhesion molecule 1	1
278	2.73	4.984	E9Q3V6	E9Q3V6_MOUSE	Septin-2	1
278	2.73	4.432	P42208	SEPT2_MOUSE	Septin-2	1
279	2.72	0.6904	P01029	CO4B_MOUSE	Complement C4-B	1
280	2.69	1.415	P29341	PABP1_MOUSE	Polyadenylate-binding protein 1	1
280	2	2.362	Q8C7D3	Q8C7D3_MOUSE	Poly A binding protein, cytoplasmic 5	1
281	2.66	4.265	P47963	RL13_MOUSE	60S ribosomal protein L13	1
282	2.6	2.155	E9PV24	E9PV24_MOUSE	Protein Fga	2
283	2.55	7.432	P14115	RL27A_MOUSE	60S ribosomal protein L27a	1
284	2.54	4.492	E9Q5A0	E9Q5A0_MOUSE	60S ribosomal protein L13a	2
284	2.54	9.36	P19253	RL13A_MOUSE	60S ribosomal protein L13a	2
284	2.08	5.405	S4R281	S4R281_MOUSE	60S ribosomal protein L13a	1
285	2.53	3.064	P21279	GNAQ_MOUSE	Guanine nucleotide-binding protein G(q) subunit alpha	1
285	2.49	3.064	P21278	GNA11_MOUSE	Guanine nucleotide-binding protein subunit alpha-11	1
285	1.79	3.099	P30677	GNA14_MOUSE	Guanine nucleotide-binding protein subunit alpha-14	1
286	2.53	4.977	L7N240	L7N240_MOUSE	Protein Gm6139	1
286	2.53	3.754	J3QMG5	J3QMG5_MOUSE	Uncharacterized protein	1
286	2.53	3.754	P25444	RS2_MOUSE	40S ribosomal protein S2	1
286	2.53	3.642	D3YWJ3	D3YWJ3_MOUSE	40S ribosomal protein S2	1
286	2.41	3.971	J3QM94	J3QM94_MOUSE	Uncharacterized protein	1
286	2.41	4.044	E9Q1N8	E9Q1N8_MOUSE	Uncharacterized protein	1
286	2.41	4.015	F6YTZ4	F6YTZ4_MOUSE	Uncharacterized protein	1
286	1.78	3.767	D3Z536	D3Z536_MOUSE	Uncharacterized protein	1
287	10.21	11.59	Q9QXY6	EHD3_MOUSE	EH domain-containing protein 3	5
288	2.5	6.701	Q9R0Y5	KAD1_MOUSE	Adenylate kinase isoenzyme 1	1
289	2.46	4.399	P35564	CALX_MOUSE	Calnexin	2
290	2.45	3.131	P00687	AMY1_MOUSE	Alpha-amylase 1	1
291	2.45	2.434	D3YUE2	D3YUE2_MOUSE	Procollagen C-endopeptidase enhancer 1	1
291	2.45	2.564	Q61398	PCOC1_MOUSE	Procollagen C-endopeptidase enhancer 1	1
292	2.39	1.11	P98063	BMP1_MOUSE	Bone morphogenetic protein 1	1
292	2.28	1.087	Q9WVM6	TLL2_MOUSE	Tolloid-like protein 2	1
292	2.28	1.106	E9Q5B9	E9Q5B9_MOUSE	Tolloid-like protein 2	1
293	2.38	5.455	P35979	RL12_MOUSE	60S ribosomal protein L12	1
294	2.37	6.618	P61358	RL27_MOUSE	60S ribosomal protein L27	1
295	2.36	4.57	Q9QZQ8	H2AY_MOUSE	Core histone macro-H2A.1	1
295	2	4.57	Q8CCK0	H2AW_MOUSE	Core histone macro-H2A.2	1
296	2.34	1.475	Q99K41	EMIL1_MOUSE	EMILIN-1	1
297	2.34	9.639	P62754	RS6_MOUSE	40S ribosomal protein S6	2
298	2.34	7.656	P14602	HSPB1_MOUSE	Heat shock protein beta-1	1
298	2.34	10.88	D3YZ06	D3YZ06_MOUSE	Heat shock protein beta-1	1
299	2.29	2.138	Q3U2G2	Q3U2G2_MOUSE	Heat shock 70 kDa protein 4	1
299	2.29	2.14	Q61316	HSP74_MOUSE	Heat shock 70 kDa protein 4	1
300	2.29	1.354	P70698	PYRG1_MOUSE	CTP synthase 1	1
301	2.29	3.383	P40237	CD82_MOUSE	CD82 antigen	1
302	2.28	1.571	P63038	CH60_MOUSE	60 kDa heat shock protein, mitochondrial	1
303	2.27	6.439	D3Z6C3	D3Z6C3_MOUSE	40S ribosomal protein S3a	1

303	2.27	6.439	P97351	RS3A_MOUSE	40S ribosomal protein S3a	1
303	2.21	6.439	D3Z7W7	D3Z7W7_MOUSE	40S ribosomal protein S3a	1
304	2.26	9.091	Q61171	PRDX2_MOUSE	Peroxisiredoxin-2	1
305	2.26	5.14	Q6ZVW3	RL10_MOUSE	60S ribosomal protein L10	1
305	2.26	5.14	P86048	RL10L_MOUSE	60S ribosomal protein L10-like	1
306	2.25	0.9955	Q8BIV3	RNP6_MOUSE	Ran-binding protein 6	1
306	2.12	1.003	Q8BKC5	IPO5_MOUSE	Importin-5	1
307	2.22	4.667	Q9CVB6	ARPC2_MOUSE	Actin-related protein 2/3 complex subunit 2	1
307	2.12	4.93	D3YXG6	D3YXG6_MOUSE	Actin-related protein 2/3 complex subunit 2	1
308	2.24	4.236	Q8BH64	EHD2_MOUSE	EH domain-containing protein 2	2
309	2.21	5.53	Q9CR57	RL14_MOUSE	60S ribosomal protein L14	1
310	2.21	7.407	P01831	THY1_MOUSE	Thy-1 membrane glycoprotein	1
311	2.18	4.714	P47962	RL5_MOUSE	60S ribosomal protein L5	1
312	2.17	8.333	Q9D3D9	ATPD_MOUSE	ATP synthase subunit delta, mitochondrial	1
313	2.16	5.313	O35682	MYADM_MOUSE	Myeloid-associated differentiation marker	1
314	2.15	5.349	P05202	AATM_MOUSE	Aspartate aminotransferase, mitochondrial	1
315	2.14	0.9334	F8VQJ3	F8VQJ3_MOUSE	Laminin subunit gamma-1	1
315	2.13	0.9334	P02468	LAMC1_MOUSE	Laminin subunit gamma-1	1
316	2.13	3.282	Q9JJN5	CBPN_MOUSE	Carboxypeptidase N catalytic chain	1
317	2.12	3.836	Q9ES46	PARVB_MOUSE	Beta-parvin	1
318	2.1	2.468	G3X909	G3X909_MOUSE	Slit homolog 2 protein	1
318	2.1	1.381	Q9R1B9	SLIT2_MOUSE	Slit homolog 2 protein	1
319	4.26	9.756	P68510	I433F_MOUSE	14-3-3 protein eta	2
320	2.09	5.991	Q5XJF6	Q5XJF6_MOUSE	Ribosomal protein	1
320	2.09	5.991	P53026	RL10A_MOUSE	60S ribosomal protein L10a	1
321	2.14	2.26	Q8VED5	K2C79_MOUSE	Keratin, type II cytoskeletal 79	1
322	2.08	2.308	P12382	K6PL_MOUSE	6-phosphofructokinase, liver type	1
323	2.07	2.505	Q922W6	Q922W6_MOUSE	MCG9886	1
323	2.07	2.516	P28862	MMP3_MOUSE	Stromelysin-1	1
323	2.07	2.521	O55123	MMP10_MOUSE	Stromelysin-2	1
324	2.07	3.855	Q8BWP8	B3GN1_MOUSE	N-acetyllactosaminide beta-1,3-N-acetylglucosaminyltransferase	1
325	2.06	0.1964	E9QNY8	E9QNY8_MOUSE	Sacsin	1
325	2.06	0.1964	Q9JLC8	SACS_MOUSE	Sacsin	1
326	2.06	2.453	Q8VCQ8	Q8VCQ8_MOUSE	Caldesmon 1	1
326	2.06	2.347	D3Z6I7	D3Z6I7_MOUSE	Protein Cald1	1
327	2.06	2.976	Q8BJY1	PSMD5_MOUSE	26S proteasome non-ATPase regulatory subunit 5	1
328	2.06	4.786	P63037	DNJA1_MOUSE	DnaJ homolog subfamily A member 1	1
329	2.06	2.484	Q8VGW5	Q8VGW5_MOUSE	Olfactory receptor	1
330	11.58	24.03	Q8BTU6	Q8BTU6_MOUSE	Eukaryotic initiation factor 4A-II	6
330	11.58	21.38	P10630	IF4A2_MOUSE	Eukaryotic initiation factor 4A-II	6
330	7.43	18.27	E9Q561	E9Q561_MOUSE	Eukaryotic initiation factor 4A-II	4
331	4.06	3.169	Q7TQD7	Q7TQD7_MOUSE	Myo1b protein	2
331	4.06	3.252	P46735	MYO1B_MOUSE	Unconventional myosin-Ib	2
332	2.05	1.661	J3KMQ2	J3KMQ2_MOUSE	Uncharacterized protein	1
332	2.05	1.652	Q8VDM4	PSMD2_MOUSE	26S proteasome non-ATPase regulatory subunit 2	1
333	2.05	3.241	Q8R2Y2	MUC18_MOUSE	Cell surface glycoprotein MUC18	1
334	2.05	3.403	Q9D6X6	PRS23_MOUSE	Serine protease 23	1
335	2.04	0.9229	B2RXS4	PLXB2_MOUSE	Plexin-B2	1
336	2.04	3.167	Q9DBV4	MXRA8_MOUSE	Matrix-remodeling-associated protein 8	1
337	2.04	1.604	Q61024	ASNS_MOUSE	Asparagine synthetase [glutamine-hydrolyzing]	1
338	2.04	2.864	Q8JZQ9	EIF3B_MOUSE	Eukaryotic translation initiation factor 3 subunit B	1
339	2.04	5.576	O88456	CPNS1_MOUSE	Calpain small subunit 1	1
340	2.04	5.556	Q9CQC9	SAR1B_MOUSE	GTP-binding protein SAR1b	1
341	4.04	3.833	G3X925	G3X925_MOUSE	Pyruvate kinase	2
341	4.04	3.833	P53657	KPYR_MOUSE	Pyruvate kinase PKLR	2
341	4.01	4.052	E9Q509	E9Q509_MOUSE	Pyruvate kinase	2
342	2.03	0.9921	A2AKI5	A2AKI5_MOUSE	Integrin alpha-V light chain	1
342	2.03	0.9579	P43406	ITAV_MOUSE	Integrin alpha-V	1
343	2.03	1.863	E0CXB9	E0CXB9_MOUSE	Catenin alpha-2	1
343	2.03	1.889	Q61301	CTNA2_MOUSE	Catenin alpha-2	1
343	2.03	5.056	Q8BS72	Q8BS72_MOUSE	Catenin (Cadherin associated protein), alpha 2, isoform CRA_c	1
344	2.03	3.497	P47754	CAZA2_MOUSE	F-actin-capping protein subunit alpha-2	1

344	2.03	5.747	D6RCW7	D6RCW7_MOUSE	F-actin-capping protein subunit alpha-2	1
344	2	3.497	Q5RKN9	Q5RKN9_MOUSE	Capping protein (Actin filament) muscle Z-line, alpha 1	1
344	2	3.497	P47753	CAZA1_MOUSE	F-actin-capping protein subunit alpha-1	1
345	2.03	5.014	Q99J77	Q99J77_MOUSE	N-acetylneuraminic acid synthase (Sialic acid synthase)	1
346	2.08	1.311	E9Q0F0	E9Q0F0_MOUSE	Protein Krt78	1
347	2.02	3.39	Q8C2Q7	Q8C2Q7_MOUSE	Heterogeneous nuclear ribonucleoprotein H	1
347	2.02	3.563	O35737	HNRH1_MOUSE	Heterogeneous nuclear ribonucleoprotein H	1
347	2.02	3.563	P70333	HNRH2_MOUSE	Heterogeneous nuclear ribonucleoprotein H2	1
347	2.02	9.357	J3QPH6	J3QPH6_MOUSE	Uncharacterized protein	1
348	2.02	2.537	Q9Z2W0	DNPEP_MOUSE	Aspartyl aminopeptidase	1
349	3.71	6.364	Q9DAW9	CNN3_MOUSE	Calponin-3	2
350	2.11	1.779	O54890	ITB3_MOUSE	Integrin beta-3	1
351	2.01	8.442	Q9CYL5	GAPR1_MOUSE	Golgi-associated plant pathogenesis-related protein 1	1
352	2.01	1.626	Q3UPL0	SC31A_MOUSE	Protein transport protein Sec31A	1
353	2.01	6.226	P62918	RL8_MOUSE	60S ribosomal protein L8	1
354	37.62	56.76	P62737	ACTA_MOUSE	Actin, aortic smooth muscle	34
354	35.59	53.46	P63268	ACTH_MOUSE	Actin, gamma-enteric smooth muscle	32
355	6.08	5.944	Q6IFZ6	K2C1B_MOUSE	Keratin, type II cytoskeletal 1b	3
356	6	16.5	P61027	RAB10_MOUSE	Ras-related protein Rab-10	3
357	2.07	3.264	Q93092	TALDO_MOUSE	Transaldolase	1
358	2	1.662	Q9D0R2	SYTC_MOUSE	Threonine--tRNA ligase, cytoplasmic	1
359	2	2.252	Q3UE92	Q3UE92_MOUSE	X-prolyl aminopeptidase (Aminopeptidase P) 1, soluble, isoform CRA_b	1
359	2	2.362	S4R1I3	S4R1I3_MOUSE	Xaa-Pro aminopeptidase 1	1
359	2	2.408	Q6P1B1	XPP1_MOUSE	Xaa-Pro aminopeptidase 1	1
360	2	0.5455	E9Q9L6	E9Q9L6_MOUSE	Neurobeachin-like protein 2	1
360	2	0.547	Q6ZQA0	NBEL2_MOUSE	Neurobeachin-like protein 2	1
361	2	4.943	Q61792	LASP1_MOUSE	LIM and SH3 domain protein 1	1
362	2	1.183	Q8R0K2	TRI31_MOUSE	E3 ubiquitin-protein ligase TRIM31	1
362	0.59	2.449	G3UZP2	G3UZP2_MOUSE	N6-adenosine-methyltransferase 70 kDa subunit	1
362	0.59	1.034	Q8C3P7	MTA70_MOUSE	N6-adenosine-methyltransferase subunit METTL3	1
363	2	4.642	Q8CFQ9	Q8CFQ9_MOUSE	Fusion, derived from t(1216) malignant liposarcoma (Human)	1
363	2	4.633	P56959	FUS_MOUSE	RNA-binding protein FUS	1
363	2	8.571	Q91VQ2	Q91VQ2_MOUSE	Fus protein	1
364	2	4.167	Q3UF75	Q3UF75_MOUSE	Alpha-parvin	1
364	2	3.763	Q9EPC1	PARVA_MOUSE	Alpha-parvin	1
365	2	3.483	A2AQE4	A2AQE4_MOUSE	COP9 signalosome complex subunit 2	1
365	2	3.16	P61202	CSN2_MOUSE	COP9 signalosome complex subunit 2	1
366	2	6.867	Q8JZS0	LIN7A_MOUSE	Protein lin-7 homolog A	1
366	2	8.122	O88952	LIN7C_MOUSE	Protein lin-7 homolog C	1
367	2	1.702	Q08879	FBLN1_MOUSE	Fibulin-1	1
368	2	3.571	Q06890	CLUS_MOUSE	Clusterin	1
369	2	2.283	P16301	LCAT_MOUSE	Phosphatidylcholine-sterol acyltransferase	1
370	2	4.144	Q922I7	Q922I7_MOUSE	MCG13402, isoform CRA_c	1
370	2	4.703	Q8CB58	Q8CB58_MOUSE	MCG13402, isoform CRA_d	1
370	2	4.348	Q8BGJ5	Q8BGJ5_MOUSE	MCG13402, isoform CRA_a	1
370	2	4.364	P17225	PTBP1_MOUSE	Polypyrimidine tract-binding protein 1	1
371	2	8.12	Q8C266	Q8C266_MOUSE	Ras-related protein Rab-5C	1
371	2	8.796	P35278	RAB5C_MOUSE	Ras-related protein Rab-5C	1
372	2	1.365	E9QPE2	E9QPE2_MOUSE	Tyrosine-protein kinase receptor	1
372	2	1.36	E9QN12	E9QN12_MOUSE	Tyrosine-protein kinase receptor	1
372	2	1.366	P05622	PGFRB_MOUSE	Platelet-derived growth factor receptor beta	1
373	2	4.075	D3YZ61	D3YZ61_MOUSE	Complement C1q tumor necrosis factor-related protein 3	1
373	2	5.285	Q9ES30	C1QT3_MOUSE	Complement C1q tumor necrosis factor-related protein 3	1
374	2	1.19	Q3U7R1	ESYT1_MOUSE	Extended synaptotagmin-1	1
375	2	2.766	P57787	MOT4_MOUSE	Monocarboxylate transporter 4	1
376	2	1.695	P57716	NICA_MOUSE	Nicastrin	1
377	2	7.955	Q5SQB0	Q5SQB0_MOUSE	Nucleophosmin	1
377	2	7.721	E9Q5T3	E9Q5T3_MOUSE	Uncharacterized protein	1
377	2	7.192	Q61937	NPM_MOUSE	Nucleophosmin	1
378	2	3.681	Q3UAM9	Q3UAM9_MOUSE	Endoglin	1
378	2	3.744	E9Q5I7	E9Q5I7_MOUSE	Endoglin	1

378	2	3.675	Q63961	EGLN_MOUSE	Endoglin	1
379	2	11.76	B0R1E3	B0R1E3_MOUSE	Histidine triad nucleotide-binding protein 1	1
379	2	11.11	P70349	HINT1_MOUSE	Histidine triad nucleotide-binding protein 1	1
380	2	3.987	Q9DCN2	NB5R3_MOUSE	NADH-cytochrome b5 reductase 3	1
380	2	3.834	F2Z456	F2Z456_MOUSE	NADH-cytochrome b5 reductase 3	1
381	2	8.387	Q9D6U8	F162A_MOUSE	Protein FAM162A	1
382	2	9.231	Q62048	PEA15_MOUSE	Astrocytic phosphoprotein PEA-15	1
383	2	4.202	Q60692	PSB6_MOUSE	Proteasome subunit beta type-6	1
384	2	4.334	P63087	PP1G_MOUSE	Serine/threonine-protein phosphatase PP1-gamma catalytic subunit	1
384	2	4.281	P62141	PP1B_MOUSE	Serine/threonine-protein phosphatase PP1-beta catalytic subunit	1
384	2	4.242	P62137	PP1A_MOUSE	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit	1
385	2	8.14	P63028	TCTP_MOUSE	Translationally-controlled tumor protein	1
386	2	2.99	P22437	PGH1_MOUSE	Prostaglandin G/H synthase 1	1
387	2	4.065	Q9Z1R9	Q9Z1R9_MOUSE	MCG124046	1
387	2	4.065	Q9R0T7	Q9R0T7_MOUSE	MCG15085	1
387	2	4.065	Q9QUK9	Q9QUK9_MOUSE	MCG15083	1
387	2	4.065	Q792Z0	Q792Z0_MOUSE	Protein Prss3	1
387	2	4.082	Q792Y9	Q792Y9_MOUSE	MCG140783	1
387	2	4.065	Q792Y8	Q792Y8_MOUSE	MCG15081	1
388	2	11.34	J3QJZ3	J3QJZ3_MOUSE	MCG116065	1
388	2	11.46	F6SVV1	F6SVV1_MOUSE	Protein Gm9493	1
388	2	11.34	P62082	RS7_MOUSE	40S ribosomal protein S7	1
389	2	10.18	G5E8T0	G5E8T0_MOUSE	DnaJ (Hsp40) homolog, subfamily C, member 5, isoform CRA_b	1
389	2	8.586	P60904	DNJC5_MOUSE	DnaJ homolog subfamily C member 5	1
390	2	4.054	E9Q6L7	E9Q6L7_MOUSE	Glutathione S-transferase	1
390	2	4.036	P13745	GSTA1_MOUSE	Glutathione S-transferase A1	1
390	2	4.054	P10648	GSTA2_MOUSE	Glutathione S-transferase A2	1
391	2	14.04	E9Q3T0	E9Q3T0_MOUSE	Uncharacterized protein	1
391	2	14.04	P47955	RLA1_MOUSE	60S acidic ribosomal protein P1	1
392	2	6.296	Q8QZY6	TSN14_MOUSE	Tetraspanin-14	1
393	2	5.686	Q64374	RGN_MOUSE	Regucalcin	1
394	2	4.62	Q61735	CD47_MOUSE	Leukocyte surface antigen CD47	1
395	2	8.609	P62264	RS14_MOUSE	40S ribosomal protein S14	1
396	1.98	0.9879	Q8R1B4	EIF3C_MOUSE	Eukaryotic translation initiation factor 3 subunit C	1
397	1.96	5.696	Q9D358	PPAC_MOUSE	Low molecular weight phosphotyrosine protein phosphatase	1
397	1.96	5.696	Q561M1	Q561M1_MOUSE	Acp1 protein	1
398	1.95	1.977	E9Q6A9	E9Q6A9_MOUSE	Catenin beta-1	1
398	1.95	1.536	Q02248	CTNB1_MOUSE	Catenin beta-1	1
399	1.95	3.261	O70326	GREM1_MOUSE	Gremlin-1	1
399	1.59	3.571	O88273	GREM2_MOUSE	Gremlin-2	1
400	1.94	3.579	Q9D1A2	CNDP2_MOUSE	Cytosolic non-specific dipeptidase	1
401	1.94	10.57	G3UWD7	G3UWD7_MOUSE	MCG123152	2
401	1.94	10.57	Q6ZWW7	RL35_MOUSE	60S ribosomal protein L35	2
402	1.93	2.868	Q8R1Q8	DC1L1_MOUSE	Cytoplasmic dynein 1 light intermediate chain 1	1
403	1.85	5.759	P12815	PDCD6_MOUSE	Programmed cell death protein 6	1
404	1.83	4.362	P51881	ADT2_MOUSE	ADP/ATP translocase 2	1
405	1.8	7.5	P28667	MRP_MOUSE	MARCKS-related protein	1
406	1.77	0.6035	Q9JKF1	IQGA1_MOUSE	Ras GTPase-activating-like protein IQGAP1	1
407	1.74	2.66	P61164	ACTZ_MOUSE	Alpha-centractin	1
408	3.82	23.3	S4R232	S4R232_MOUSE	Ras-related protein Rab-4B	2
408	1.72	6.736	Q3TEG7	Q3TEG7_MOUSE	Ras-related protein Rab-2B	1
408	1.72	6.019	P59279	RAB2B_MOUSE	Ras-related protein Rab-2B	1
408	1.72	6.132	P53994	RAB2A_MOUSE	Ras-related protein Rab-2A	1
409	1.7	2.769	Q9QZD9	EIF3I_MOUSE	Eukaryotic translation initiation factor 3 subunit I	1
410	1.68	1.518	O70318	E41L2_MOUSE	Band 4.1-like protein 2	1
411	1.64	3.378	Q60932	VDAC1_MOUSE	Voltage-dependent anion-selective channel protein 1	1
411	1.62	3.521	J3QMG3	J3QMG3_MOUSE	Voltage-dependent anion-selective channel protein 3	1
411	1.62	3.534	Q60931	VDAC3_MOUSE	Voltage-dependent anion-selective channel protein 3	1
413	1.62	2.376	Q9WTM5	RUVB2_MOUSE	RuvB-like 2	1
414	1.62	6.838	Q9D1R9	RL34_MOUSE	60S ribosomal protein L34	1
415	1.62	3.333	Q922H4	GMPPA_MOUSE	Mannose-1-phosphate guanyltransferase alpha	1
416	1.6	0.9732	F8WHL2	F8WHL2_MOUSE	Coatomer subunit alpha	1

416	1.6	0.9804	Q8CIE6	COPA_MOUSE	Coatmer subunit alpha	1
417	1.57	4.155	Q9DCH4	EIF3F_MOUSE	Eukaryotic translation initiation factor 3 subunit F	1
418	1.54	3.047	Q3UM45	PP1R7_MOUSE	Protein phosphatase 1 regulatory subunit 7	1
419	1.52	3.294	Q9DCL9	PUR6_MOUSE	Multifunctional protein ADE2	1
420	1.5	0	P27773	PDIA3_MOUSE	Protein disulfide-isomerase A3	0
421	1.48	1.074	Q62009	POSTN_MOUSE	Periostin	1
422	1.46	0.796	Q3UDE9	Q3UDE9_MOUSE	Protein-tyrosine kinase 2-beta	1
422	1.46	0.7929	Q9QVP9	FAK2_MOUSE	Protein-tyrosine kinase 2-beta	1
423	1.46	1.116	Q80UF4	SDCG8_MOUSE	Serologically defined colon cancer antigen 8 homolog	1
424	1.46	4.819	G3UZJ4	G3UZJ4_MOUSE	Peroxisome oxidin-5, mitochondrial	1
424	1.46	3.81	P99029	PRDX5_MOUSE	Peroxisome oxidin-5, mitochondrial	1
426	18.75	19.24	Q922F4	TBB6_MOUSE	Tubulin beta-6 chain	9
427	1.37	3.39	Q9CY64	BIEA_MOUSE	Biliverdin reductase A	1
428	1.36	3.81	Q6ZWX6	IF2A_MOUSE	Eukaryotic translation initiation factor 2 subunit 1	1
429	1.33	0.7128	Q6ZQ06	CE162_MOUSE	Centrosomal protein of 162 kDa	1
430	1.33	0	P62245	RS15A_MOUSE	40S ribosomal protein S15a	0
431	1.33	6.195	P50518	VATE1_MOUSE	V-type proton ATPase subunit E 1	1
432	1.33	7.527	Q8VEH3	ARL8A_MOUSE	ADP-ribosylation factor-like protein 8A	1
433	1.29	2.887	Q04447	KCRB_MOUSE	Creatine kinase B-type	1
434	1.28	2.589	P63330	PP2AA_MOUSE	Serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform	1
434	1.28	2.589	P62715	PP2AB_MOUSE	Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform	1
435	1.35	1.542	Q8C194	PYGB_MOUSE	Glycogen phosphorylase, brain form	1
436	1.31	2.294	O55131	SEPT7_MOUSE	Septin-7	1
437	1.26	0	Q922D8	C1TC_MOUSE	C-1-tetrahydrofolate synthase, cytoplasmic	0
438	1.24	6.59	E9Q5I9	E9Q5I9_MOUSE	26S proteasome non-ATPase regulatory subunit 13	2
438	1.24	6.117	Q9WVJ2	PSD13_MOUSE	26S proteasome non-ATPase regulatory subunit 13	2
439	1.24	1.682	E9Q903	E9Q903_MOUSE	Catenin delta-1	1
439	1.24	1.599	P30999	CTND1_MOUSE	Catenin delta-1	1
440	1.23	0.4907	E9QN70	E9QN70_MOUSE	Laminin subunit beta-1	1
440	1.23	0.5039	P02469	LAMB1_MOUSE	Laminin subunit beta-1	1
441	1.21	6.962	P62281	RS11_MOUSE	40S ribosomal protein S11	1
442	1.26	0.6068	P16546	SPTN1_MOUSE	Spectrin alpha chain, non-erythrocytic 1	1
443	1.19	2.033	P17809	GTR1_MOUSE	Solute carrier family 2, facilitated glucose transporter member 1	1
444	8.48	1.798	Q8VHX6	FLNC_MOUSE	Filamin-C	4
445	1.16	4.969	Q8C3W1	CA198_MOUSE	Uncharacterized protein C1orf198 homolog	1
446	1.14	4.943	Q9R1Q6	T176B_MOUSE	Transmembrane protein 176B	1
447	1.13	3.189	Q5FWK3	RHG01_MOUSE	Rho GTPase-activating protein 1	1
448	1.19	1.866	E9PV16	E9PV16_MOUSE	Adenosylhomocysteinase	1
448	1.19	1.961	F8WGT1	F8WGT1_MOUSE	Adenosylhomocysteinase	1
448	1.19	1.958	Q68FL4	SAHH3_MOUSE	Putative adenosylhomocysteinase 3	1
448	1.19	2.362	F8WI65	F8WI65_MOUSE	Adenosylhomocysteinase	1
448	1.18	2.264	Q80SW1	SAHH2_MOUSE	Putative adenosylhomocysteinase 2	1
448	1.18	2.97	H3BKT5	H3BKT5_MOUSE	Adenosylhomocysteinase	1
450	1.08	10.16	P67984	RL22_MOUSE	60S ribosomal protein L22	1
451	1.05	2.564	P68181	KAPCB_MOUSE	cAMP-dependent protein kinase catalytic subunit beta	1
451	0.99	2.564	P05132	KAPCA_MOUSE	cAMP-dependent protein kinase catalytic subunit alpha	1
452	1.03	0.9449	Q6PAJ1	BCR_MOUSE	Breakpoint cluster region protein	1
453	1.01	4.706	O70435	PSA3_MOUSE	Proteasome subunit alpha type-3	1
454	1	2.527	Q9D031	Q9D031_MOUSE	Ras suppressor protein 1	1
454	1	2.692	A2AUR7	A2AUR7_MOUSE	Ras suppressor protein 1	1
454	1	2.527	Q01730	RSU1_MOUSE	Ras suppressor protein 1	1
455	0.99	7.2	P62852	RS25_MOUSE	40S ribosomal protein S25	1
456	0.98	3.861	P15327	PMGE_MOUSE	Bisphosphoglycerate mutase	1
457	0.97	2.05	P29758	OAT_MOUSE	Ornithine aminotransferase, mitochondrial	1
458	0.97	2.655	P46412	GPX3_MOUSE	Glutathione peroxidase 3	1
459	0.95	0.4307	Q4FE56	Q4FE56_MOUSE	Ubiquitin carboxyl-terminal hydrolase	1
459	0.95	0.4299	P70398	USP9X_MOUSE	Probable ubiquitin carboxyl-terminal hydrolase FAF-X	1
460	0.95	4.558	Q99MQ4	ASPN_MOUSE	Asporin	1
461	0.95	14.29	Q6ZWU9	RS27_MOUSE	40S ribosomal protein S27	1
462	0.94	12.09	Q9WUL7	ARL3_MOUSE	ADP-ribosylation factor-like protein 3	1

463	0.93	5.435	Q9CPR4	RL17_MOUSE	60S ribosomal protein L17	1
463	0.92	5.435	Q6ZWZ7	Q6ZWZ7_MOUSE	60S ribosomal protein L17	1
464	0.92	1.603	O89029	MATN4_MOUSE	Matrilin-4	1

464 proteins were identified in secretome. Cov= coverage (95% confidence); Pept=peptides (95% confidence)

Table S4. Differentially expressed proteins in released vesicles

PROTEIN NAME	ACCESSION NUMBER	BLM-TREATED vs UNTREATED	FOLD CHANGE (FC)	p-value	Log FC	1/FC
Flavin reductase (NADPH)	Q923D2	↓	0,084374775	0,00028	-1,073787374	11,85188
Carboxypeptidase N catalytic chain	Q9JJN5	↓	0,131941644	9,48E-05	-0,87961811	7,579108
40S ribosomal protein S20	P60867	↓	0,16852229	9,41E-05	-0,773342649	5,933933
Chloride intracellular channel protein 4	Q9QYB1	↓	0,169985302	0,00317	-0,769588629	5,882862
40S ribosomal protein S3a	D3Z6C3	↓	0,190732682	0,00064	-0,719574884	5,24294
V-type proton ATPase subunit E 1	P50518	↓	0,273940867	0,02028	-0,562343175	3,650423
Coatomer subunit alpha	F8WHL2	↓	0,283611644	4,44E-05	-0,547275943	3,525948
MCG116065	J3QJZ3	↓	0,286306257	0,00979	-0,54316916	3,492763
60S ribosomal protein L12	P35979	↓	0,287049412	0,00792	-0,542043338	3,483721
Carboxypeptidase B2	Q9JHH6	↓	0,289664712	0,00538	-0,538104408	3,452267
Isoleucine--tRNA ligase, cytoplasmic	Q8BU30	↓	0,298578655	0,01748	-0,524941242	3,349201
Alpha-amylase 1	P00687	↓	0,318206137	0,00338	-0,497291448	3,142617
Asparagine--tRNA ligase, cytoplasmic	Q8BP47	↓	0,332681961	0,00882	-0,477970747	3,005874
Actin, aortic smooth muscle	P62737	↓	0,36513173	0,00063	-0,437550425	2,738738
Extended synaptotagmin-1	Q3U7R1	↓	0,365513059	0,02519	-0,437097102	2,73588
Pigment epithelium-derived factor	P97298	↓	0,368204008	0,00055	-0,433911489	2,715886
Peroxiredoxin-2	Q61171	↓	0,381225097	0,02979	-0,418818516	2,623122
Calponin-2	D3Z7R6	↓	0,385525126	0,03586	-0,413947312	2,593865
Nucleophosmin	Q5SQB0	↓	0,388477687	0,01073	-0,410633921	2,57415
Ferritin	Q9CPX4	↓	0,392014503	6,25E-05	-0,406697865	2,550926
Galectin-1	P16045	↓	0,413026273	0,03728	-0,384022322	2,421153
40S ribosomal protein S13	P62301	↓	0,414547193	1,85E-05	-0,382426021	2,412271
Cell division control protein 42 homolog	P60766	↓	0,417775072	0,04111	-0,379057477	2,393633
Ras-related protein Rab-4B	S4R232	↓	0,432693267	0,03271	-0,363819862	2,311106
Peroxiredoxin 6	Q6GT24	↓	0,436190077	0,00044	-0,360324219	2,292579
Coagulation factor V	O88783	↓	0,444372305	0,0006	-0,352253015	2,250365
Cytoplasmic dynein 1 light intermediate chain 1	Q8R1Q8	↓	0,448817425	0,02424	-0,34793029	2,228077
Gelsolin	P13020	↓	0,489923941	0,00038	-0,309871338	2,041133
CD44 antigen	E9QKM8	↓	0,492610164	0,02925	-0,307496631	2,030003
Transgelin-2	Q9WVA4	↓	0,495537584	0,00252	-0,304923401	2,01801
Calmodulin	Q3UKW2	↓	0,497889323	1,01E-05	-0,302867187	2,008478
40S ribosomal protein S26	P62855	↓	0,511733614	0,00026	-0,290956055	1,954142
40S ribosomal protein S17	P63276	↓	0,523779624	0,04248	-0,2808514	1,9092
Procollagen C-endopeptidase enhancer 1	D3YUE2	↑	1,909925628	0,01252	0,281016456	0,523581
Serum albumin	P07724	↑	1,979657961	6,07E-05	0,296590161	0,505138
60S ribosomal protein L27a	P14115	↑	2,049514016	0,0373	0,311650893	0,487921
Aspartyl aminopeptidase	Q9Z2W0	↑	2,36703472	0,02126	0,374204628	0,42247
Septin-2	E9Q3V6	↑	2,963863763	0,03626	0,471858237	0,337397
Keratin, type II cytoskeletal 79	Q8VED5	↑	3,150931201	0,00048	0,498438921	0,317366
Protein-tyrosine kinase 2-beta	Q3UDE9	↑	3,271554545	1,49E-05	0,514754165	0,305665
Filamin-C	D3Z576	↑	3,327518977	4,78E-05	0,522120541	0,300524
Keratin, type II cytoskeletal 1	P04104	↑	4,243563785	0,0066	0,627730734	0,235651
Keratin, type I cytoskeletal 10	A2A513	↑	4,539055807	5,24E-05	0,656965522	0,22031
Protein Krt78	E9Q0F0	↑	6,705846852	0,00334	0,826453631	0,149124

44 proteins resulted differentially expressed in released vesicles (p-value <0.05; Fold Change (FC) >2 for up-regulated (↑) proteins and 1/FC >2 for down-regulated (↓) proteins

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