Supplementary Table 8: list of proteins which abundance is significantly modified in response to cell exposure to 10 micrometers PS particles only

acc number	gene_name	description	protein_set_score	coverage	MW	#peptides	T test 10 µm	ratio 10µm/ctrl
Q8CHM7	Hacl1	2-hydroxyacyl-CoA lyase 1	35.49	1.38	63616	1	0.00103131	114423.065
Q9DBB8	Dhdh	Trans-1,2-dihydrobenzene-1,2-diol dehydrogenase	57.41	3.6	36301	1	0.03095805	2.53325757
P46460	Nsf	Vesicle-fusing ATPase	1002.63	26.75	82613	17	0.00995622	1.26470001
Q9WV32	Arpc1b	Actin-related protein 2/3 complex subunit 1B	943.68	56.18	41064	16	0.01401055	1.35958458
Q5DQR4	Stxbp5l	Syntaxin-binding protein 5-like	39.04	0.93	131844	1	0.03121855	1.92836955
P56380	Nudt2	Bis(5'-nucleosyl)-tetraphosphatase [asymmetrical]	58.76	5.44	16989	1	0.00967413	2.79225382
P39052	Dnm2	Dynamin-2	959.39	24.6	98230	19	0.00649374	1.48021129
O88569	Hnrnpa2b1	Heterogeneous nuclear ribonucleoproteins A2/B1	2156.49	66.86	37403	28	0.01232795	0.58024091
Q7TNG5	Eml2	Echinoderm microtubule-associated protein-like 2	152.47	9.4	70734	3	0.0197952	2.16611198
Q8R404	Mic13	MICOS complex subunit MIC13	72.83	33.61	13373	2	0.01978335	1.9633823
Q3TDN2	Faf2	FAS-associated factor 2	64.36	2.7	52471	1	0.01856693	1.92676694
P26817	Grk2	Beta-adrenergic receptor kinase 1	417.71	14.22	79785	9	0.01786779	1.54137887
Q921F4	Hnrnpll	Heterogeneous nuclear ribonucleoprotein L-like	420.45	17.77	64125	7	0.0023345	1.93666313
Q3ULJ0	Gpd1l	Glycerol-3-phosphate dehydrogenase 1-like protein	152.89	10.54	38226	3	0.03245336	1.82724
Q8JZN5	Acad9	Acyl-CoA dehydrogenase family member 9, mitochondrial	411.4	13.6	68722	8	0.02447541	1.69731438
P99028	Uqcrh	Cytochrome b-c1 complex subunit 6, mitochondrial	49.72	20.22	10435	1	0.00919064	0.54476739
Q11136	Pepd	Xaa-Pro dipeptidase	613.22	24.75	55029	11	0.00490075	2.10540499
Q8BTY2	Slc4a7	Sodium bicarbonate cotransporter 3	137	3.87	116514	3	0.04391624	4.71258204
Q8BL97	Srsf7	Serine/arginine-rich splicing factor 7	374.51	22.1	30818	8	0.02762868	0.5454023
O35382	Exoc4	Exocyst complex component 4	109.49	3.38	110545	2	0.02791135	2.24808361
Q9R1C7	Prpf40a	Pre-mRNA-processing factor 40 homolog A	172.11	5.14	108481	3	0.00247031	1.74094741
P28271	Aco1	Cytoplasmic aconitate hydratase	242.46	7.76	98126	5	0.03298348	1.75288802
Q80UU2	Rpp38	Ribonuclease P protein subunit p38	42.67	3.57	31129	1	0.04530645	2.78405564
P68368	Tuba4a	Tubulin alpha-4A chain	2081.07	60.27	49924	30	0.0083177	1.74684098
Q3V0K9	Pls1	Plastin-1	651.95	7.3	70408	11	0.01378457	2.38292608
P70290	Mpp1	55 kDa erythrocyte membrane protein	264.75	13.73	52227	5	0.02243023	1.86847418
P48193	Epb41	Protein 4.1	214.64	8.16	95911	6	0.01055574	1.349381
Q99N27	Snx1	Sorting nexin-1	517.91	18.39	59044	9	0.01865755	1.88332886
Q6P069	Sri	Sorcin	114.87	11.62	21627	2	0.01990951	2.53468565
Q66H50	Far1	Fatty acyl-CoA reductase 1	278.78	15.53	59268	5	0.00330977	0.50237227
Q8BLN5	Lss	Lanosterol synthase	50.39	1.64	83141	1	0.01711236	2.59881896
Q91YU8	Ppan	Suppressor of SWI4 1 homolog	200.54	9.36	52756	4	0.03920366	0.64911872
Q9DC61	Pmpca	Mitochondrial-processing peptidase subunit alpha	190.19	12.79	58279	4	0.0007781	1.88690031
P35922	Fmr1	Synaptic functional regulator FMR1	186.6	6.03	68989	3	0.04709514	1.34285042
O70404	Vamp8	Vesicle-associated membrane protein 8	70.24	16.83	11451	2	0.02411946	1.38383685
Q8BMD8	Slc25a24	Calcium-binding mitochondrial carrier protein SCaMC-1	381.77	27.37	52902	8	0.00088194	1.50571302
Q8R4R6	Nup35	Nucleoporin NUP35	284.53	29.54	34786	6	0.04171081	0.49001616
Q9D855	Uqcrb	Cytochrome b-c1 complex subunit 7	38.76	9.01	13527	1	0.01964793	3.20467027
P26040	Ezr	Ezrin	1063.09	20.48	69407	17	0.0491082	1.47419035
P26041	Msn	Moesin	3455.891	67.94	67767	55	0.01774231	1.50229486
Q9ER88	Dap3	28S ribosomal protein S29, mitochondrial	255.45	13.3	44699	4	0.04578958	1.55736428
Q61207	Psap	Prosaposin	146.14	5.57	61422	3	0.00577969	2.00173867
Q61462	Cyba	Cytochrome b-245 light chain	36.45	3.65	20748	1	0.00456931	0.56511364
Q05144	Rac2	Ras-related C3 botulinum toxin substrate 2	569.5	55.21	21441	10	0.01077756	1.56689397
Q4QRB4	Tubb3	Tubulin beta-3 chain	1717.98	38.89	50419	26	0.01288737	1.77290912
P0CC09	Hist2h2aa3	Histone H2A type 2-A 3	783.08	58.46	14095	9	0.02677283	0.23753055
Q9WUB4	Dctn6	Dynactin subunit 6	40.93	9.47	20670	1	0.01264455	2.39060875
A2A432	Cul4b	Cullin-4B	188.72	3.2	110699	4	0.03445436	1.43655863
Q9QVP9	Ptk2b	Protein-tyrosine kinase 2-beta	324.75	7.63	115794	6	0.00707352	2.14264294

P27601	Gna13	Guanine nucleotide-binding protein subunit alpha-13	45.3	2.65	44055	1	0.00744753	3.99742208
O35405	Pld3	Phospholipase D3	119.57	6.97	54389	2	0.01563888	1.44538782
Q9CR51	Atp6v1g1	V-type proton ATPase subunit G 1	237.23	36.44	13724	3	0.03411705	1.36159699
Q920Q4	Vps16	Vacuolar protein sorting-associated protein 16 homolog	165.2	6.2	94928	3	0.00092836	3.20800462
O55131	Sept7	Septin-7	558.53	28.67	50550	10	0.00421421	1.50803424
P40142	Tkt	Transketolase	2339.46	60.51	67630	35	0.03312203	1.55656044
Q64522	Hist2h2ab	Histone H2A type 2-B	594.15	57.69	14013	7	0.02214729	0.15431597
Q9Z0H3	Smarcb1	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily B member 1	145.36	7.79	44141	2	0.04680762	0.61691396
Q62625	Map1lc3b	Microtubule-associated proteins 1A/1B light chain 3B	59.17	9.86	16394	2	0.02985878	2.03107769
Q922Q1	Marc2	Mitochondrial amidoxime reducing component 2	395.54	36.09	38194	9	0.04424054	0.69197073
O70133	Dhx9	ATP-dependent RNA helicase A	2133.99	27.17	149475	37	0.0492269	0.71232173
Q9CPQ1	Cox6c	Cytochrome c oxidase subunit 6C	148.04	48.68	8469	3	0.02699581	1.51952271
P01900	H2-D1	H-2 class I histocompatibility antigen, D-D alpha chain	494.02	31.23	41110	10	0.02204534	1.29223611
Q14C51	Ptcd3	Pentatricopeptide repeat domain-containing protein 3, mitochondrial	76.14	3.5	77796	2	0.00395843	1.49459697
Q8QZZ7	Tprkb	EKC/KEOPS complex subunit Tprkb	127.57	10.29	19556	2	0.03190643	2.66133625
O89112	Lancl1	LanC-like protein 1	112.57	6.02	45341	2	0.00649552	3.288913
Q9DBH5	Lman2	Vesicular integral-membrane protein VIP36	239.28	20.67	40430	5	0.02705431	1.67948783
O09044	Snap23	Synaptosomal-associated protein 23	61.12	6.67	23261	1	0.02286721	1.91126916
B0BNF1	Sept8	Septin-8	301.53	17.42	51252	6	0.01391366	2.72820171
P05943	S100a10	Protein S100-A10	76.63	17.89	11075	1	0.00580994	2.48181249
P53563	Bcl2l1	Bcl-2-like protein 1	131.51	14.16	26158	2	0.01703365	1.41257646
O54783	Chkb	Choline/ethanolamine kinase	56.35	5.33	45100	1	0.00099418	5.16189275
Q68FR7	Ltv1	Protein LTV1 homolog	57.63	2.55	53562	1	0.02503165	3.09972878
P62960	Ybx1	Nuclease-sensitive element-binding protein 1	954.34	49.07	35730	11	0.01295742	1.49139137
Q4V7C7	Actr3	Actin-related protein 3	1214.16	60.05	47357	21	0.00305077	2.00344021
P43247	Msh2	DNA mismatch repair protein Msh2	690.67	13.48	104151	11	0.02770002	1.69006561
A9UMV8	H2afj	Histone H2A.J	646.79	58.91	14045	8	0.03489401	0.26332684
O89017	Lgmn	Legumain	53.01	2.76	49373	1	0.00600115	3.92173995
Q9D8U8	Snx5	Sorting nexin-5	737.63	47.77	46797	15	0.01457515	1.5952763
Q61390	Cct6b	T-complex protein 1 subunit zeta-2	295.82	13.75	58185	7	0.03118866	1.49573849
Q8VDM4	Psmd2	26S proteasome non-ATPase regulatory subunit 2	1200.03	30.95	100203	20	0.00692264	1.85454293
O35092	Timm17a	Mitochondrial import inner membrane translocase subunit Tim17-A	93.75	29.82	18038	2	0.03505455	0.42592945
P02262		Histone H2A type 1	644.55	58.46	14077	8	0.03607446	0.26000611
Q9R0C8	Vav3	Guanine nucleotide exchange factor VAV3	65.16	3.54	97968	2	0.00650475	1.91878783
Q80Y81	Elac2	Zinc phosphodiesterase ELAC protein 2	257.12	11.07	92719	7	0.04372088	1.43106051
P46737	Brcc3	Lys-63-specific deubiquitinase BRCC36	128.43	8.25	33340	2	0.01090307	3.6474222
P26645	Marcks	Myristoylated alanine-rich C-kinase substrate	158.86	18.77	29661	4	0.00158242	2.1529555
P70699	Gaa	Lysosomal alpha-glucosidase	769.46	20.25	106248	12	0.01982544	1.49557536
O88544	Cops4	COP9 signalosome complex subunit 4	427.04	26.11	46285	7	0.03545119	1.73882914
Q7TMQ7	Wdr91	WD repeat-containing protein 91	206.18	7.22	83421	4	0.00393802	2.4190404
Q6PFR5	Tra2a	Transformer-2 protein homolog alpha	175.87	11.39	32316	3	0.03268065	0.51124908
Q9CQ62	Decr1	2,4-dienoyl-CoA reductase, mitochondrial	110.5	9.25	36214	2	0.03799681	1.89381909
Q8BJ71	Nup93	Nuclear pore complex protein Nup93	489.85	12.7	93281	10	0.0294241	1.5971349
Q8C3J5	Dock2	Dedicator of cytokinesis protein 2	377.72	5.36	211704	8	0.00600651	2.06353638
P16446	Pitpna	Phosphatidylinositol transfer protein alpha isoform	271.48	28.78	31907	5	0.01635808	1.86273373
F1LQ48	Hnrnpl	Heterogeneous nuclear ribonucleoprotein L	1818.88	60.03	67903	26	0.03475306	0.61432382

P18665	Mrpl3	39S ribosomal protein L3, mitochondrial	51.24	2.02	38253	1	0.0315131	2.95230005
Q8CI08	Slain2	SLAIN motif-containing protein 2	79.49	4.13	62378	2	0.0092536	3.62775023
Q6PB66	Lrpprc	Leucine-rich PPR motif-containing protein, mitochondrial	1213.73	19.76	156615	20	0.00224733	1.96143756
F1M775	Diaph1	Protein diaphanous homolog 1	115.93	2.69	140409	2	0.047943	2.20412846
P26043	Rdx	Radixin	1456.89	34.82	68543	26	0.04860993	1.48873192
Q09014	Ncf1	Neutrophil cytosol factor 1	306.56	13.85	44667	4	0.02946938	1.44938631
P68369	Tuba1a	Tubulin alpha-1A chain	2545.34	75.61	50136	37	0.03867877	1.52460803
Q922L6	Nelfcd	Negative elongation factor D	77.28	3.05	66276	2	0.00876471	3.16344213
Q9DCL9	Paics	Multifunctional protein ADE2	593.84	32.71	47006	12	0.0217679	1.61987506
Q91WM3	Rrp9	U3 small nucleolar RNA-interacting protein 2	255.29	12.63	52107	6	0.03537476	0.46356213
Q9CY94	Gins3	DNA replication complex GINS protein PSF3	56.5	7.41	24577	2	0.01137787	3.09364573
P62305	Snrpe	Small nuclear ribonucleoprotein E	296.15	69.57	10804	6	0.01667005	0.5738766
P55770	Snu13	NHP2-like protein 1	375.77	44.53	14174	7	0.01446369	0.74222834
Q9CRB2	Nhp2	H/ACA ribonucleoprotein complex subunit 2	198.85	23.53	17247	3	0.01881052	0.28320519
P59999	Arpc4	Actin-related protein 2/3 complex subunit 4	556.58	51.79	19667	9	0.03748189	1.3885504
Q9CY57	Chtop	Chromatin target of PRMT1 protein	264.65	10.44	26585	3	0.03460368	0.53418231
Q91W86	Vps11	Vacuolar protein sorting-associated protein 11 homolog	73	3.51	107719	2	0.00515475	2.25663666
Q8VDV3	Rab3il1	Guanine nucleotide exchange factor for Rab-3A	173.82	8.09	42713	2	0.02560533	1.89937402
Q4V886	Paf1	RNA polymerase II-associated factor 1 homolog	70.45	2.62	60546	1	0.00621353	7.5116E-06
O35691	Pnn	Pinin	286.07	7.17	82436	6	0.01367147	0.65456988
Q64232	Tecr	Very-long-chain enoyl-CoA reductase	149.15	7.79	36123	3	0.00514171	0.33930562
P09405	Ncl	Nucleolin	2666.021	42.15	76723	40	0.00250299	0.44677949
Q9D6Y9	Gbe1	1,4-alpha-glucan-branching enzyme	37.14	1.85	80364	1	0.03524366	2.91185944
P09811	Pygl	Glycogen phosphorylase, liver form	145.66	3.76	97483	3	0.00199619	2.36232798
Q9JK91	Mlh1	DNA mismatch repair protein Mlh1	40.28	1.05	84670	1	0.03374073	3.18003247
Q4FZY0	Efhd2	EF-hand domain-containing protein D2	1133.68	59	26759	18	0.02286848	1.60812696
P55194	Sh3bp1	SH3 domain-binding protein 1	114.68	4.71	74172	2	0.04446756	1.84272858
C0HKD8	Mfap1a	Microfibrillar-associated protein 1A	146.5	9.57	51954	3	0.0272733	0.47624901
P20650	Ppm1a	Protein phosphatase 1A	62.49	3.14	42417	1	0.01242056	1.70081605
P05213	Tuba1b	Tubulin alpha-1B chain	2653.02	78.71	50152	39	0.04889328	1.50004837
P27661	H2afx	Histone H2AX	530.51	52.45	15143	7	0.04647837	0.24446847
Q6URK4	Hnrnpa3	Heterogeneous nuclear ribonucleoprotein A3	1382.9	50.66	39652	24	0.03699614	0.67466464
O35130	Emg1	Ribosomal RNA small subunit methyltransferase NEP1	311.22	40.16	26974	6	0.01316299	0.52782021
P24369	Ppib	Peptidyl-prolyl cis-trans isomerase B	682.61	51.39	23713	13	0.01595769	1.60267003
P35821	Ptpn1	Tyrosine-protein phosphatase non-receptor type 1	289.01	15.51	49593	5	0.03930394	1.2438258
P18242	Ctsd	Cathepsin D	1911.02	69.27	44954	30	0.04931034	1.87718289
Q8BGH2	Samm50	Sorting and assembly machinery component 50 homolog	636.53	35.18	51864	13	0.03099964	1.50254686
O08730	Gyg1	Glycogenin-1	50.71	3	37378	1	0.02506521	2.46067477
O55126	Nipsnap2	Protein NipSnap homolog 2	74.39	9.25	32933	2	0.02915366	1.8834629
Q9D0G0	Mrps30	28S ribosomal protein S30, mitochondrial	146.17	7.69	49939	3	0.02544097	0.61952284
Q8VCW8	Acsf2	Acyl-CoA synthetase family member 2, mitochondrial	249.2	13.33	67951	4	0.00604673	2.54824818
Q8BX09	Rbbp5	Retinoblastoma-binding protein 5	134.19	5.58	59098	3	0.03816977	0.76423784
Q8R5A6	Tbc1d22a	TBC1 domain family member 22A	40.01	1.55	59362	1	0.02233927	3.29630895
P0C0S6	H2afz	Histone H2A.Z	523.12	56.25	13553	8	0.04821317	0.23534126
P51146	Rab4b	Ras-related protein Rab-4B	197.1	18.78	23629	3	0.00103523	2.37296763
Q62639	Rheb	GTP-binding protein Rheb	119.81	23.37	20479	3	0.00409952	2.40209761
P52760	Rida	2-iminobutanoate/2-iminopropanoate deaminase	141.2	29.63	14255	3	0.01109614	2.70692612
Q810F4	Fam3c	Protein FAM3C	125.28	11.01	24714	2	0.04084438	1.40936965
Q60866	Pter	Phosphotriesterase-related protein	149.41	11.75	39218	3	0.00107942	2.46095071
Q9D5V5	Cul5	Cullin-5	113.82	3.33	90974	2	0.00289413	1.91161365

Q9Z204	Hnrnpc	Heterogeneous nuclear ribonucleoproteins C1/C2	786.93	37.7	34385	12	0.02524308	0.68455267
P05964	S100a6	Protein S100-A6	256.42	40.45	10035	4	0.0298912	1.7135163
O89079	Cope	Coatomer subunit epsilon	321.85	21.75	34567	4	0.0026022	2.55870457
P28867	Prkcd	Protein kinase C delta type	295.61	10.53	77547	6	0.02323535	1.7558747
Q8BG51	Rhot1	Mitochondrial Rho GTPase 1	172.8	5.71	72242	4	0.04731649	0.75475694
Q9Z2G9	Htatip2	Oxidoreductase HTATIP2	77.88	11.16	26870	2	0.00431992	2.11419566
Q5EGY4	Ykt6	Synaptobrevin homolog YKT6	151.14	22.73	22369	3	0.04042102	2.02952281
Q64012	Raly	RNA-binding protein Raly	512.55	32.37	33188	9	0.03612064	0.50908117
O08700	Vps45	Vacuolar protein sorting-associated protein 45	226.2	8.95	64894	4	0.00696473	2.28487688
Q9WTX6	Cul1	Cullin-1	158.66	8.51	89692	4	0.04313887	1.42736334
Q8BK72	Mrps27	28S ribosomal protein S27, mitochondrial	146.92	9.16	47779	3	0.03844309	2.15657913
Q8VE37	Rcc1	Regulator of chromosome condensation	719.9	32.54	44931	11	0.03905085	0.58031362
P01897	H2-L	H-2 class I histocompatibility antigen, L-D alpha chain	177.68	13.81	40711	4	0.00180334	1.77200512
P62331	Arf6	ADP-ribosylation factor 6	340.18	30.29	20082	5	0.01142122	1.98198103
Q5SF07	Igf2bp2	Insulin-like growth factor 2 mRNA-binding protein 2	167.13	5.74	65584	4	0.03346174	1.56202421
Q9R0Q9	Mpdu1	Mannose-P-dolichol utilization defect 1 protein	113.79	10.12	26498	2	0.02204619	2.17943983
Q8VE97	Srsf4	Serine/arginine-rich splicing factor 4	149.19	6.95	55979	3	0.03553438	0.65148786
Q6A065	Cep170	Centrosomal protein of 170 kDa	124.31	1.57	175050	3	0.04973787	1.78590461
P97449	Anpep	Aminopeptidase N	185.55	3	109651	2	1.9124E-05	6.87677242
Q8BTW3	Exosc6	Exosome complex component MTR3	56.69	5.86	28370	1	0.00691842	0.39687868
Q91VM9	Ppa2	Inorganic pyrophosphatase 2, mitochondrial	78.7	8.18	38115	2	0.04918984	1.76498144
Q498R3	Dnajc10	DnaJ homolog subfamily C member 10	74.22	2.14	90747	2	0.00714732	2.76740814
Q9EQ06	Hsd17b11	Estradiol 17-beta-dehydrogenase 11	108.06	11.74	32881	2	0.01566954	1.51610485
P61314	Rpl15	60S ribosomal protein L15	571.13	48.04	24146	10	0.00154871	0.69380028
Q6ZQL4	Wdr43	WD repeat-containing protein 43	573.44	24.82	75381	11	0.03870463	0.54005507
P16045	Lgals1	Galectin-1	590.81	54.07	14866	7	0.03699696	1.76094566
Q8R164	Bphl	Valacyclovir hydrolase	82.81	7.9	32851	2	0.0443709	2.18883308
P23249	Mov10	Putative helicase MOV-10	135.6	4.88	113583	3	0.01394547	1.99387735
Q62825	Exoc3	Exocyst complex component 3	39.4	1.46	86497	1	0.03223375	1.89177819
Q58NB6	Dhrs9	Dehydrogenase/reductase SDR family member 9	52.71	3.76	35242	1	0.00188443	3.87583856
Q7TSV4	Pgm2	Phosphoglucomutase-2	95.08	3.23	68748	2	0.00628131	3.07168053
Q9QXZ0	Macf1	Microtubule-actin cross-linking factor 1	609.27	2.18	831878	12	0.01242847	1.80689626
Q9D6F9	Tubb4a	Tubulin beta-4A chain	2308.44	71.62	49586	36	0.03966064	1.5635388
O35326	Srsf5	Serine/arginine-rich splicing factor 5	196.89	14.5	30891	4	0.03062226	0.67863118
P24527	Lta4h	Leukotriene A-4 hydrolase	376.51	15.06	69051	7	0.0493268	1.95638808
Q9CXW2	Mrps22	28S ribosomal protein S22, mitochondrial	119.39	5.57	41192	2	0.04226864	1.41285381
Q8K1X4	Nckap1l	Nck-associated protein 1-like	521.71	11.11	128905	10	0.00161569	1.84236785
Q8R5J9	Arl6ip5	PRA1 family protein 3	78.42	19.68	21558	2	0.03296697	2.0875106
P47738	Aldh2	Aldehyde dehydrogenase, mitochondrial	1529.5	57.23	56538	24	0.00504484	1.61126816
O55142	Rpl35a	60S ribosomal protein L35a	172.8	28.18	12554	5	0.01128631	0.79779313
Q61703	Itih2	Inter-alpha-trypsin inhibitor heavy chain H2	136.59	4.44	105928	3	0.01766911	2.39201642
Q6PDI5	Ecpas	Proteasome adapter and scaffold protein ECM29	95.38	0.98	203703	2	0.01685674	2.61295134
Q9JIY5	Htra2	Serine protease HTRA2, mitochondrial	173.32	17.47	49348	4	0.0337417	1.73349812
P68372	Tubb4b	Tubulin beta-4B chain	2882.93	83.6	49831	44	0.04463704	1.56084533
Q3UQ84	Tars2	Threonine--tRNA ligase, mitochondrial	96.72	2.63	81700	2	0.04232756	1.90073177
Q921I1	Tf	Serotransferrin	119.06	4.3	76724	3	0.00793863	1.65656428
Q9QXX4	Slc25a13	Calcium-binding mitochondrial carrier protein Aralar2	1066.73	39.5	74467	20	0.0439408	1.25555229
Q80VA0	Galnt7	N-acetylgalactosaminyltransferase 7	196.84	8.98	75419	4	0.00776906	1.87753973
Q8R127	Sccpdh	Saccharopine dehydrogenase-like oxidoreductase	189.76	13.75	47129	4	0.02376021	1.88335971

Q5I0E7	Tmed9	Transmembrane emp24 domain-containing protein 9	314	20	27028	6	0.03796479	1.28257335
Q99P91	Gpnmb	Transmembrane glycoprotein NMB	156.74	7.67	63676	4	2.8021E-05	4.17719252
Q922K7	Nop2	Probable 28S rRNA (cytosine-C(5))-methyltransferase	857.22	24.84	86752	15	0.01785066	0.67193534
P14152	Mdh1	Malate dehydrogenase, cytoplasmic	504.53	44.61	36511	9	0.01223572	1.96131455
P01896		H-2 class I histocompatibility antigen, alpha chain	182.26	27.03	20454	4	0.01360889	1.66189179
Q9CR59	Gadd45gip1	Growth arrest and DNA damage-inducible proteins-interacting protein 1 1	51.98	4.05	25820	1	0.02625971	1.64051839
Q6PEC4	Skp1	S-phase kinase-associated protein 1	199.83	20.86	18672	2	0.01806877	0.57972029
Q9D8B3	Chmp4b	Charged multivesicular body protein 4b	299.1	21.43	24936	4	0.03258381	1.56955104
Q4V8K2	Ctnnbl1	Beta-catenin-like protein 1	89.81	2.84	64948	2	0.03969234	1.48692809
E9PVX6	Mki67	Proliferation marker protein Ki-67	2692.99	22.88	350864	50	0.00353468	0.56124023
Q8BLF1	Nceh1	Neutral cholesterol ester hydrolase 1	696.11	37.25	45740	11	0.00309767	2.21547622
Q8R323	Rfc3	Replication factor C subunit 3	205.16	11.24	40526	3	0.01276586	1.67081911
P17439	Gba	Glucosylceramidase	214.42	21.55	57622	5	0.00927505	1.77693728
P34960	Mmp12	Macrophage metalloelastase	47.02	1.69	54971	1	0.0001736	9.00525028
O89001	Cpd	Carboxypeptidase D	87.69	1.6	152406	2	0.0429091	1.81051446
Q921X6	Polr3f	DNA-directed RNA polymerase III subunit RPC6	38.8	3.48	35652	1	0.00363736	18.6971306
Q8BP27	Sfr1	Swi5-dependent recombination DNA repair protein 1 homolog	39.05	3.76	35183	1	0.04720824	2.28584286
O35075	Dscr3	Down syndrome critical region protein 3 homolog	45.31	6.4	32970	1	0.00576954	3.95293499
Q920B9	Supt16h	FACT complex subunit SPT16	687.13	16.62	119825	13	0.01880479	1.19954467
Q6P5D8	Smchd1	Structural maintenance of chromosomes flexible hinge domain-containing protein 1	692.49	7.32	225648	12	0.00755937	0.34586263
Q9CPQ8	Atp5mg	ATP synthase subunit g, mitochondrial	227	33.01	11425	4	0.0276785	1.62758949
O88712	Ctbp1	C-terminal-binding protein 1	228.09	13.83	47745	5	0.01624813	1.52507257
P61202	Cops2	COP9 signalosome complex subunit 2	73.66	2.93	51597	1	0.01055102	3.59443156
P19253	Rpl13a	60S ribosomal protein L13a	566.97	43.35	23464	11	1.7828E-05	0.51772024
P51569	Gla	Alpha-galactosidase A	270.09	14.32	47643	4	1.3112E-05	3.79340336
Q9D051	Pdhb	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	542.36	25.07	38937	8	0.0208454	1.22011726
Q3UW53	Fam129a	Protein Niban	859.21	21.6	102649	18	0.02561319	1.29952012
Q9EPL9	Acox3	Peroxisomal acyl-coenzyme A oxidase 3	253.98	11.71	78404	6	0.03756495	2.27338738
Q8R307	Vps18	Vacuolar protein sorting-associated protein 18 homolog	87.02	2.47	110219	2	0.00552191	2.32395024
Q9WU81	Slc37a2	Glucose-6-phosphate exchanger SLC37A2	280.73	14.37	55073	5	0.04250166	1.38100869
Q9ES97	Rtn3	Reticulon-3	122.99	4.98	103879	2	0.00059138	1.96933003
O35604	Npc1	NPC intracellular cholesterol transporter 1	57.72	0.94	142885	1	0.00068937	2.86849964
Q9D2L9	Fam111a	Protein FAM111A	73	2.12	69949	1	0.04993804	0.84097345
P51908	Apobec1	C->U-editing enzyme APOBEC-1	98.89	11.35	27522	2	0.00208591	2.64360409
Q6VN19	Ranbp10	Ran-binding protein 10	143.56	4.19	67188	2	0.00015698	5.23600053
P60898	Polr2i	DNA-directed RNA polymerase II subunit RPB9	38.02	5.6	14523	1	0.04104141	0.34710532
P31996	Cd68	Macrosialin	125.97	8.9	34818	3	0.00027466	1.97812635
Q9QWR8	Naga	Alpha-N-acetylgalactosaminidase	395.16	23.61	47235	6	0.0050932	1.70618512
Q99L04	Dhrs1	Dehydrogenase/reductase SDR family member 1	287.44	28.12	34005	6	0.03069634	1.56323738
Q9CQZ6	Ndufb3	NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3	41.01	10.58	11692	1	0.04315781	2.24488739
Q3TCN2	Plbd2	Putative phospholipase B-like 2	104.71	4.55	66289	2	0.0210875	2.15194453
Q9EPB5	Serhl	Serine hydrolase-like protein	45.97	2.89	35311	1	0.01241235	1.52568388
Q61543	Glg1	Golgi apparatus protein 1	951.04	17.45	133734	16	0.02830048	1.17886713
Q8BMF4	Dlat	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex, mitochondrial	479.33	18.85	67942	9	0.00762104	1.28251584
P35276	Rab3d	Ras-related protein Rab-3D	254.56	17.81	24416	4	0.03408198	1.53232201

Q8K411	Pitrm1	Presequence protease, mitochondrial	253.68	9.46	117372	6	0.03442228	2.09191227
Q9CWK3	Cd2bp2	CD2 antigen cytoplasmic tail-binding protein 2	89.39	7.02	37694	2	0.02106895	0.71399831
Q61464	Znf638	Zinc finger protein 638	65.49	0.66	218134	1	0.04169636	0.19232157
Q64518	Atp2a3	Sarcoplasmic/endoplasmic reticulum calcium ATPase 3	533.94	8	113638	7	0.0440043	1.33028394
Q18PI6	Cd84	SLAM family member 5	48.89	3.34	37378	1	0.04717218	2.23764112
P23780	Glb1	Beta-galactosidase	629.76	20.25	73121	11	0.0025192	1.60490304
Q9Z2I9	Sucla2	Succinate--CoA ligase [ADP-forming] subunit beta, mitochondrial	277.61	12.74	50114	6	0.04442315	1.37805426
Q9CPP0	Npm3	Nucleoplasmin-3	196.37	21.14	19023	3	0.00345931	0.29316506
Q922U1	Prpf3	U4/U6 small nuclear ribonucleoprotein Prp3	179.75	6.15	77455	4	0.03945429	0.72419451
O08759	Ube3a	Ubiquitin-protein ligase E3A	54.96	3.33	99819	2	0.00889535	2.37493975
P63081	Atp6v0c	V-type proton ATPase 16 kDa proteolipid subunit	322.64	31.61	15808	5	0.00034887	2.20209311
P56135	Atp5mf	ATP synthase subunit f, mitochondrial	131.47	23.86	10344	3	0.01000115	1.42431291
O08917	Flot1	Flotillin-1	182.81	13.08	47513	4	0.04305257	1.61431943
Q8R1I1	Uqcr10	Cytochrome b-c1 complex subunit 9	48.11	10.94	7446	1	0.03995045	1.78206292
Q571E4	Galns	N-acetylgalactosamine-6-sulfatase	304.38	18.85	57673	7	0.00278567	1.86000638
Q8K4Z3	Naxe	NAD(P)H-hydrate epimerase	233.85	24.82	30973	4	0.01607626	1.7556786
Q9Z1T1	Ap3b1	AP-3 complex subunit beta-1	60.43	1.72	122740	2	0.00074245	3.663269
G3X982	Aox3	Aldehyde oxidase 3	63.4	1.27	146902	2	0.00211969	1.96049804
P10107	Anxa1	Annexin A1	1643.03	68.21	38734	26	0.00100283	1.52869975
Q9CR68	Uqcrfs1	Cytochrome b-c1 complex subunit Rieske, mitochondrial	468.94	44.89	29368	7	0.01507219	0.39010988
P55302	Lrpap1	Alpha-2-macroglobulin receptor-associated protein	260.71	15.28	42215	6	0.00115831	1.8812901
Q6P7Q1	Babam2	BRISC and BRCA1-A complex member 2	156.94	10.18	43559	3	0.03605698	2.01016288
O35639	Anxa3	Annexin A3	1492.23	53.25	36384	23	0.00166396	1.64168458
Q9D7B6	Acad8	Isobutyryl-CoA dehydrogenase, mitochondrial	94.39	6.54	45020	2	0.04415912	2.19051531
P11240	Cox5a	Cytochrome c oxidase subunit 5A, mitochondrial	231.57	16.44	16130	4	0.02017298	1.41123881
Q07076	Anxa7	Annexin A7	656	21.6	49925	10	0.00237087	1.19845911
P24270	Cat	Catalase	1157.96	48.39	59795	18	0.00453172	2.34327034
P12265	Gusb	Beta-glucuronidase	1068.84	36.27	74195	19	0.01538065	1.53805747
Q6NV83	U2surp	U2 snRNP-associated SURP motif-containing protein	284.9	6.9	118261	7	0.03113387	1.40876739
P48036	Anxa5	Annexin A5	1600.34	69.91	35752	25	0.00085079	1.85406963
Q80W54	Zmpste24	CAAX prenyl protease 1 homolog	109.11	7.37	54735	3	0.02756925	1.80146834
P13084	Npm1	Nucleophosmin	1367.38	54.45	32560	20	0.02272755	0.70893111
Q3UMU9	Hdgfl2	Hepatoma-derived growth factor-related protein 2	64.15	1.35	74291	1	0.00011114	0.10374275
Q99LQ7	Tmem189	Transmembrane protein 189	37.2	3.69	31134	1	0.00438846	1.67376544
P11250	Rpl34	60S ribosomal protein L34	153.17	20.51	13507	3	1.2663E-05	0.34866962
Q91YJ2	Snx4	Sorting nexin-4	51.9	2	51778	1	0.0404853	2.01679753
Q9D771	Tmem206	Transmembrane protein 206	155.94	21.14	40178	4	0.01838677	1.7684349
Q3UGP9	Lrrc58	Leucine-rich repeat-containing protein 58	61.05	6.01	40139	2	0.00829761	0.48185285
P61967	Ap1s1	AP-1 complex subunit sigma-1A	35.15	4.43	18733	1	0.01378897	3.27431889
Q9Z0J0	Npc2	NPC intracellular cholesterol transporter 2	125.05	24.83	16442	3	0.0019881	3.1105686
Q8C1Y8	Ccz1	Vacuolar fusion protein CCZ1 homolog	43.23	2.71	55505	1	0.00881627	3.09008039
P35279	Rab6a	Ras-related protein Rab-6A	581.69	35.58	23590	10	0.02788064	1.45661079
P35980	Rpl18	60S ribosomal protein L18	472.26	30.85	21645	7	0.00494186	0.68155886
Q9QYR9	Acot2	Acyl-coenzyme A thioesterase 2, mitochondrial	199.17	11.48	49657	4	0.02467854	1.62563695
P14106	C1qb	Complement C1q subcomponent subunit B	220.41	16.6	26717	4	0.04720966	0.65262134
D3ZU57	Riox1	Ribosomal oxygenase 1	36.43	2.01	67455	1	0.0483792	0.16287133
O35955	Psmb10	Proteasome subunit beta type-10	329.37	28.57	29063	5	0.02669771	0.76397497
O54774	Ap3d1	AP-3 complex subunit delta-1	99.76	2.75	135081	2	0.04057704	1.98563121
P51863	Atp6v0d1	V-type proton ATPase subunit d 1	399.27	25.36	40301	8	0.01787113	1.91353315
Q66HA6	Arl8b	ADP-ribosylation factor-like protein 8B	614.67	67.2	21539	12	0.03531184	1.57869756

P45952	Acadm	Medium-chain specific acyl-CoA dehydrogenase, mitochondrial	522.56	31.12	46481	11	0.02634563	1.44040644
Q8C0L0	Tmx4	Thioredoxin-related transmembrane protein 4	146.54	7.46	37131	2	0.00549224	1.32449091
Q0P678	Zc3h18	Zinc finger CCCH domain-containing protein 18	36.96	2.64	105694	1	0.04840894	0.08796529
P08905	Lyz2	Lysozyme C-2	288.13	31.76	16689	3	0.03393092	1.57482452
P51174	Acadl	Long-chain specific acyl-CoA dehydrogenase, mitochondrial	1052.21	40.47	47908	18	0.00904715	1.68121502
Q62087	Pon3	Serum paraoxonase/lactonase 3	584.62	21.19	39351	8	0.01454023	1.61671407
P39032	Rpl36	60S ribosomal protein L36	155.51	19.05	12268	3	0.03664268	0.69475546
Q9ERG0	Lima1	LIM domain and actin-binding protein 1	277.7	10.89	84060	6	0.04149077	1.56584397
P26350	Ptma	Prothymosin alpha	549.84	36.04	12254	6	0.04522971	0.50516499
Q9JIK5	Ddx21	Nucleolar RNA helicase 2	2381.58	52.53	93551	39	0.01418107	0.79888927
O35459	Ech1	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial	213.73	10.4	36118	3	0.02929722	1.29278301
P28798	Grn	Granulins	729.37	37.18	63458	15	0.00031945	1.64649311
O70370	Ctss	Cathepsin S	640.11	39.12	38475	8	0.03597166	1.4549338
Q8BG07	Pld4	Phospholipase D4	797.23	31.41	56154	12	0.01824432	1.59742702
Q9WUU7	Ctsz	Cathepsin Z	758.66	53.92	33996	13	0.00128586	1.46018619