

Supplementary Table 6: list of proteins which abundance is significantly modified in response to cell exposure to 100 nm PS particles only

acc number	gene_name	description	protein_set_s core	coverage	MW	#peptides	T test 0.1 µm	Ratio 0.1 µm/ctrl
O09172	Gclm	Glutamate--cysteine ligase regulatory subunit	154.92	13.5	30535	3	0.03312297	1.36465257
P25799	Nfkb1	Nuclear factor NF-kappa-B p105 subunit	47.84	1.65	105615	1	0.03520527	1.76825337
P97376	Frg1	Protein FRG1	73.39	5.04	29127	1	0.04734874	1.71650466
Q91YT7	Ythdf2	YTH domain-containing family protein 2	163.47	5.53	62280	3	0.02022707	1.79404538
Q8R1N4	Nudcd3	NudC domain-containing protein 3	40.24	3.31	40890	1	0.02957532	2.12355726
P47809	Map2k4	Dual specificity mitogen-activated protein kinase 4	60.38	4.28	44114	1	0.03718528	1.78279109
Q9CYA0	Creld2	Cysteine-rich with EGF-like domain protein 2	150.97	12	38220	3	0.03724787	2.8290225
Q4KM92	Pus1	tRNA pseudouridine synthase A	56.88	2.36	47515	1	0.04372878	2.02036107
Q9QYJ0	Dnaja2	DnaJ homolog subfamily A member 2	366.82	27.43	45746	7	0.0267656	1.40016914
Q5BJP6	Gfm2	Ribosome-releasing factor 2, mitochondrial	76.57	2.7	85914	2	0.03941526	1.94117183
P00375	Dhfr	Dihydrofolate reductase	231.23	33.69	21606	5	0.0264804	2.53603104
Q62095	Ddx3y	ATP-dependent RNA helicase DDX3Y	1169.83	30.09	73428	20	0.01929652	1.38625484
P25322	Ccnd1	G1/S-specific cyclin-D1	101.89	9.49	33429	2	0.02561405	1.99320096
Q3B7D1	Ube2z	Ubiquitin-conjugating enzyme E2 Z	50.67	2.25	38352	1	0.03133215	423672.444
Q9CQV5	Mrps24	28S ribosomal protein S24, mitochondrial	41.99	4.79	18901	1	0.02833895	2.61373218
Q9CQJ2	Pih1d1	PIH1 domain-containing protein 1	83.14	10.69	32209	2	0.03646495	1.89456043
Q99J09	Wdr77	Methylosome protein 50	124.01	11.4	36943	3	0.04626939	1.95863048
P58044	Idi1	Isopentenyl-diphosphate Delta-isomerase 1	213.48	29.07	26289	4	0.03287828	1.96497662
P47713	Pla2g4a	Cytosolic phospholipase A2	290.87	10.56	85222	6	0.03986666	1.43684647
P62082	Rps7	40S ribosomal protein S7	473.09	40.21	22127	9	0.04673078	1.28179053
P20611	Acp2	Lysosomal acid phosphatase	119.29	4.49	48320	2	0.04364179	2.47627032
Q9D7S7	Rpl2211	60S ribosomal protein L22-like 1	294.61	45.08	14467	4	0.02509847	1.3854026
Q6PGB6	Naa50	N-alpha-acetyltransferase 50	171.35	23.67	19414	3	0.02659503	1.95146319
Q6PDG5	Smarcc2	SWI/SNF complex subunit SMARCC2	341.55	6.51	132604	6	0.03045108	1.17016569
P29595	Nedd8	NEDD8	173.17	41.98	8972	3	0.04614172	1.660407
P62830	Rpl23	60S ribosomal protein L23	558.84	61.43	14865	9	0.03980129	1.26498253
Q4LDD4	Arap1	Arf-GAP with Rho-GAP domain, ANK repeat and PH domain-containing protein 1	44.15	0.96	162276	1	0.00046882	8.53414965
Q9CQW9	Ifitm3	Interferon-induced transmembrane protein 3	423.19	48.91	14954	6	0.0269421	1.52033954
Q5PPI1	Srsf9	Serine/arginine-rich splicing factor 9	71.68	8.6	25498	2	0.01509905	0.57451592
Q99KP6	Prpf19	Pre-mRNA-processing factor 19	730.57	46.03	55239	15	0.00489168	1.19349666
P12970	Rpl7a	60S ribosomal protein L7a	1176.68	53.76	29977	20	0.045144	1.32066875
Q61990	Pcbp2	Poly(rC)-binding protein 2	955.25	46.96	38222	13	0.02598166	1.29807873
Q9R1J0	Nsdhl	Sterol-4-alpha-carboxylate 3-dehydrogenase, decarboxylating	96.75	8.29	40686	2	0.01960483	1.72525787
O35343	Kpna4	Importin subunit alpha-3	216.89	7.1	57923	2	0.04053912	1.74756567
O35887	Calu	Calumenin	154.25	18.73	37064	3	0.04208812	1.93308865
Q80TE0	Rpap1	RNA polymerase II-associated protein 1	57.46	0.92	155270	1	0.00073177	7.94421962
Q9QYJ3	Dnajb1	DnaJ homolog subfamily B member 1	217.97	15.59	38167	4	0.02077183	2.26299164
Q91ZR2	Snx18	Sorting nexin-18	184.15	8.63	67904	4	0.04860602	1.26592739
Q6AXS5	Serbp1	Plasminogen activator inhibitor 1 RNA-binding protein	750.73	43.24	44754	14	0.03951473	1.49275467
P17095	Hmga1	High mobility group protein HMG-I/HMG-Y	98.23	23.36	11614	2	0.04871008	0.73321711
Q8BH61	F13a1	Coagulation factor XIII A chain	43.47	2.19	83207	1	9.5774E-05	10.5821355
Q80ZK0	Mrps10	28S ribosomal protein S10, mitochondrial	48.64	11.25	18698	1	0.04160827	1.59279703
O70454	Bud31	Protein BUD31 homolog	180.02	20.83	17000	4	0.03157364	1.40901651
Q6PDV7	Rpl10	60S ribosomal protein L10	531.95	41.12	24604	10	0.01305406	1.31226793
Q6PDM2	Srsf1	Serine/arginine-rich splicing factor 1	544.95	33.47	27745	10	0.03489762	0.73548388
Q8CI75	Dis3l2	DIS3-like exonuclease 2	39.65	1.15	97775	1	0.02301618	3.34071561
Q9CPT4	Mydgf	Myeloid-derived growth factor	112.19	16.27	17982	2	0.04700819	2.15957548
P58681	Tlr7	Toll-like receptor 7	118.74	2.29	121837	2	0.04239818	2.61040678
Q8BGR9	Ublep1	Ubiquitin-like domain-containing CTD phosphatase 1	96.65	6.6	36837	2	0.01156591	2.86644791
P58389	Ptpa	Serine/threonine-protein phosphatase 2A activator	93.03	5.88	36710	1	0.02719907	3.08930295
Q8VEJ4	Nle1	Notchless protein homolog 1	229.67	13.61	53134	5	0.0346349	1.36661864
Q61656	Ddx5	Probable ATP-dependent RNA helicase DDX5	1979.67	53.58	69290	35	0.0412524	1.14145659
P35601	Rfc1	Replication factor C subunit 1	78.45	1.06	125985	1	0.0299269	2.30312402
P14115	Rpl27a	60S ribosomal protein L27a	313.86	31.08	16605	5	0.00754182	1.42469916
Q6AY79	Hgh1	Protein HGH1 homolog	39.73	3.31	43132	1	0.00106014	5.29029271
Q8R3C6	Rbm19	Probable RNA-binding protein 19	38.38	1.05	106083	1	0.02978767	2.02816663
O54941	Smarce1	SWI/SNF-related matrix-associated actin-dependent regulator of chromatin subfamily E member 1	80.67	5.6	46638	2	0.02059125	2.17184103

Q07797	Lgals3bp	Galectin-3-binding protein	389.03	17.85	64491	6	0.03150463	1.43003024
Q9R1Q6	Tmem176b	Transmembrane protein 176B	48.2	5.7	28367	1	0.00967174	3.85278509
P21956	Mfge8	Lactadherin	112.39	6.7	51241	3	0.02641544	1.52432714
Q61704	Itih3	Inter-alpha-trypsin inhibitor heavy chain H3	125.95	2.47	99358	3	0.00225946	1.83072819