

## Supplementary Table S4

## Relative Protein Abundance: Trabecular Meshwork Sample GTM477-02

Total Proteins Quantified = 367; Median Protein iTRAQ Ratio = 1.00; Mean Protein iTRAQ Ratio = 1.00; Standard Deviation = 0.28

SwissProtein Accession	Protein	Protein iTRAQ Ratio Dex/Control	Standard Deviation	P value	Unique Peptides	Sequence Coverage
P51665	26S proteasome non-ATPase regulatory subunit 7	5.08	NA	NA	2	6.17%
P27105	Erythrocyte band 7 integral membrane protein	2.51	NA	NA	2	9.72%
O94875	Sorbin and SH3 domain-containing protein 2	2.25	0.61	1.50E-01	3	4.27%
Q99729	Heterogeneous nuclear ribonucleoprotein A/B	2.07	NA	NA	2	6.33%
Q9Y6N5	Sulfide:quinone oxidoreductase, mitochondrial	2.00	0.30	2.60E-03	6	14.22%
P36269	Gamma-glutamyltransferase 5	1.90	0.21	3.40E-02	3	5.97%
P02511	Alpha-crystallin B chain	1.88	NA	NA	2	10.86%
Q12906	Interleukin enhancer-binding factor 3	1.85	0.37	1.00E-01	3	4.03%
Q0ZGT2	Nexilin	1.81	0.28	2.40E-02	4	4.89%
P07858	Cathepsin B	1.73	NA	NA	2	7.67%
Q9UBR2	Cathepsin Z	1.72	0.22	5.20E-02	3	10.56%
P30084	Enoyl-CoA hydratase, mitochondrial	1.71	NA	NA	2	6.55%
P17516	Aldo-keto reductase family 1 member C4	1.66	0.06	5.10E-03	3	8.36%
P46976	Glycogenin-1	1.66	0.81	3.90E-01	3	8.86%
P04843	Dolichyl-diphosphooligosaccharide--protein glycosyltransferase subunit 1	1.66	0.40	1.60E-01	3	5.11%
Q13740	CD166 antigen	1.65	0.09	1.00E-02	3	7.03%
Q96CX2	BTB/POZ domain-containing protein KCTD12	1.62	0.19	5.00E-02	3	12.00%
Q6EMK4	Vasorin	1.57	NA	NA	2	4.61%
P51688	N-sulphoglucosamine sulphohydrolase	1.56	NA	NA	2	4.98%
P40261	Nicotinamide N-methyltransferase	1.55	0.17	4.40E-02	3	9.85%
P00505	Aspartate aminotransferase, mitochondrial	1.49	NA	NA	2	3.49%
Q9UIJ7	GTP:AMP phosphotransferase mitochondrial	1.49	0.13	1.60E-04	7	34.36%
P37837	Transaldolase	1.48	0.21	5.50E-03	6	16.02%
O75369	Filamin-B	1.48	0.07	4.50E-05	6	3.57%
P49755	Transmembrane emp24 domain-containing protein 10	1.47	NA	NA	2	8.68%
Q15233	Non-POU domain-containing octamer-binding protein	1.45	NA	NA	2	5.52%
P52209	6-phosphogluconate dehydrogenase, decarboxylating	1.44	0.10	2.40E-02	3	7.04%
P0C7M2	Putative heterogeneous nuclear ribonucleoprotein A1-like protein 3	1.40	NA	NA	2	8.13%
Q8WX93	Palladin	1.39	0.15	6.40E-02	3	2.68%
P00338	L-lactate dehydrogenase A chain	1.39	0.32	1.30E-01	4	12.35%
Q07955	Splicing factor, arginine/serine-rich 1	1.38	0.13	4.90E-02	3	12.50%
P07686	Beta-hexosaminidase subunit beta	1.38	0.31	1.30E-01	4	6.29%
Q07954	Prolow-density lipoprotein receptor-related protein 1	1.38	0.17	8.30E-02	3	0.77%
Q71D13	Histone H3.2	1.37	0.15	1.00E-02	5	24.26%
O15400	Syntaxin-7	1.35	NA	NA	2	10.73%
P29590	Probable transcription factor PML	1.34	NA	NA	2	3.63%
Q9NZN4	EH domain-containing protein 2	1.34	0.11	4.40E-03	5	11.97%
P17980	26S protease regulatory subunit 6A	1.32	NA	NA	2	5.69%
O60218	Aldo-keto reductase family 1 member B10	1.32	NA	NA	2	7.91%
P35613	Basigin	1.31	0.22	8.90E-02	4	15.58%
Q13557	Calcium/calmodulin-dependent protein kinase type II delta chain	1.31	NA	NA	2	3.81%
Q969G5	Protein kinase C delta-binding protein	1.30	0.31	2.80E-01	3	8.43%
Q15149	Plectin-1	1.29	0.24	6.80E-10	51	12.04%
Q14315	Filamin-C	1.29	0.16	1.20E-02	6	2.24%
P78417	Glutathione S-transferase omega-1	1.29	NA	NA	2	9.54%
P11413	Glucose-6-phosphate 1-dehydrogenase	1.27	0.14	4.20E-02	4	7.57%
P54819	Adenylate kinase 2, mitochondrial	1.27	NA	NA	2	11.30%
Q5QNW6	Histone H2B type 2-F	1.27	0.11	2.70E-03	6	41.27%
P61978	Heterogeneous nuclear ribonucleoprotein K	1.27	0.19	8.60E-02	4	9.94%
P06753	Tropomyosin alpha-3 chain	1.26	0.13	3.50E-03	7	20.42%
P52597	Heterogeneous nuclear ribonucleoprotein F	1.26	NA	NA	2	4.10%
P04792	Heat shock protein beta-1	1.26	0.10	1.00E-03	7	36.10%
P55084	Trifunctional enzyme subunit beta, mitochondrial	1.26	0.12	3.00E-02	4	7.59%
P46940	Ras GTPase-activating-like protein IQGAP1	1.25	0.20	1.90E-01	3	2.23%
P17844	Probable ATP-dependent RNA helicase DDX5	1.25	0.16	6.50E-02	4	6.84%
P04899	Guanine nucleotide-binding protein G(i), alpha-2 subunit	1.25	NA	NA	2	7.32%
P07339	Cathepsin D	1.25	0.09	4.70E-02	3	7.28%
P25398	40S ribosomal protein S12	1.24	0.53	5.50E-01	3	17.42%
P26373	60S ribosomal protein L13	1.24	0.56	5.70E-01	3	12.80%
P42765	3-ketoacyl-CoA thiolase, mitochondrial	1.24	NA	NA	2	4.03%
Q9BUF5	Tubulin beta-6 chain	1.24	0.41	4.60E-01	3	12.33%
P50914	60S ribosomal protein L14	1.24	NA	NA	2	11.16%
P50993	Sodium/potassium-transporting ATPase subunit alpha-2	1.23	NA	NA	2	2.06%
Q9Y6C2	EMILIN-1	1.23	0.04	3.50E-04	5	6.00%
P62917	60S ribosomal protein L8	1.23	0.53	5.70E-01	3	13.23%
O00264	Membrane-associated progesterone receptor component 1	1.22	0.10	7.10E-02	3	11.79%
P13861	cAMP-dependent protein kinase type II-alpha regulatory subunit	1.22	NA	NA	2	5.20%
P60903	Protein S100-A10	1.22	0.09	6.40E-02	3	32.99%
P0C0S8	Histone H2A type 1	1.21	0.04	1.40E-02	3	30.00%
Q16891	Mitochondrial inner membrane protein	1.21	0.47	4.70E-01	4	7.52%
Q9NR12	PDZ and LIM domain protein 7	1.21	0.51	5.80E-01	3	8.10%
Q9BS40	Latexin	1.21	NA	NA	2	12.16%
Q15942	Zyxin	1.21	0.39	4.90E-01	3	7.34%
P49411	Elongation factor Tu, mitochondrial	1.21	0.11	9.60E-03	6	17.70%
P62805	Histone H4	1.21	0.09	4.20E-03	6	42.72%
P46821	Microtubule-associated protein 1B	1.20	0.29	5.90E-02	11	5.19%
P45880	Voltage-dependent anion-selective channel protein 2	1.20	NA	NA	2	10.88%
Q92841	Probable ATP-dependent RNA helicase DDX17	1.20	NA	NA	2	3.69%
P05198	Eukaryotic translation initiation factor 2 subunit 1	1.20	NA	NA	2	6.98%
P00367	Glutamate dehydrogenase 1, mitochondrial	1.20	NA	NA	2	3.41%
P54709	Sodium/potassium-transporting ATPase subunit beta-3	1.20	0.10	3.50E-02	4	17.20%
Q03252	Lamin-B2	1.19	0.19	1.70E-01	4	6.50%
P78371	T-complex protein 1 subunit beta	1.19	0.14	1.60E-01	3	6.73%
P23527	Histone H2B type 1-O	1.19	NA	NA	2	7.94%
Q16881	Thioredoxin reductase 1, cytoplasmic	1.18	0.18	1.00E-01	5	10.17%
P23396	40S ribosomal protein S3	1.18	0.31	4.50E-01	3	10.29%

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Q9BS26	Thioredoxin domain-containing protein 4	1.18	0.17	2.30E-01	3	6.40%
P52272	Heterogeneous nuclear ribonucleoprotein M	1.18	0.16	8.40E-02	5	10.27%
Q03135	Caveolin-1	1.17	0.03	9.30E-03	3	18.54%
P10599	Thioredoxin	1.17	0.32	4.70E-01	3	25.71%
Q9BQE3	Tubulin alpha-1C chain	1.17	0.31	1.60E-01	9	21.83%
Q16543	Hsp90 co-chaperone Cdc37	1.17	NA	NA	2	7.14%
Q14240	Eukaryotic initiation factor 4A-II	1.17	0.23	2.60E-01	4	13.27%
P05091	Aldehyde dehydrogenase, mitochondrial	1.16	NA	NA	2	4.26%
O75367	Core histone macro-H2A.1	1.16	NA	NA	2	7.80%
P48047	ATP synthase subunit O, mitochondrial	1.16	0.08	6.20E-03	6	30.05%
Q16629	Splicing factor, arginine/serine-rich 7	1.16	NA	NA	2	15.97%
P06756	Integrin alpha-V	1.15	NA	NA	2	1.81%
O75947	ATP synthase subunit d, mitochondrial	1.15	0.01	3.80E-03	3	12.42%
P07355	Annexin A2	1.15	0.15	1.00E-04	25	54.28%
P15586	N-acetylglucosamine-6-sulfatase	1.14	0.19	3.60E-01	3	5.43%
P35232	Prohibitin	1.14	0.13	3.70E-02	7	26.84%
Q14103	Heterogeneous nuclear ribonucleoprotein D0	1.14	NA	NA	2	6.20%
Q02818	Nucleobindin-1	1.14	NA	NA	2	6.51%
P25705	ATP synthase subunit alpha, mitochondrial	1.14	0.14	5.70E-03	13	24.05%
P22626	Heterogeneous nuclear ribonucleoproteins A2/B1	1.14	0.16	2.20E-01	4	12.46%
P02768	Serum albumin	1.13	NA	NA	2	3.61%
P80723	Brain acid soluble protein 1	1.13	0.11	1.00E-01	4	32.16%
P06576	ATP synthase subunit beta, mitochondrial	1.13	0.17	2.60E-02	13	30.25%
P29401	Transketolase	1.13	0.21	1.30E-01	9	14.77%
Q12797	Aspartyl/asparaginyl beta-hydroxylase	1.13	0.07	1.80E-02	5	6.73%
Q01082	Spectrin beta chain, brain 1	1.12	0.27	3.10E-01	7	3.76%
P21796	Voltage-dependent anion-selective channel protein 1	1.12	NA	NA	2	6.71%
Q12905	Interleukin enhancer-binding factor 2	1.12	NA	NA	2	6.67%
P18206	Vinculin	1.11	0.27	8.10E-02	22	21.25%
P60174	Triosephosphate isomerase	1.11	0.17	1.30E-01	8	33.73%
Q16555	Dihydropyrimidinase-related protein 2	1.10	0.24	5.40E-01	3	6.47%
P62701	40S ribosomal protein S4, X isoform	1.10	NA	NA	2	7.22%
P98160	Basement membrane-specific heparan sulfate proteoglycan core protein	1.10	0.46	7.50E-01	3	1.07%
Q99715	Collagen alpha-1(XII) chain	1.10	0.36	6.30E-01	4	1.63%
Q6NZ12	Polymerase I and transcript release factor	1.10	0.17	8.70E-02	12	29.23%
Q02878	60S ribosomal protein L6	1.09	0.14	2.30E-01	5	14.93%
Q06830	Peroxioredoxin-1	1.09	0.09	6.10E-03	12	52.26%
Q8WW11	LIM domain only protein 7	1.09	0.72	8.60E-01	3	2.20%
P39019	40S ribosomal protein S19	1.08	0.51	7.70E-01	4	20.00%
P10412	Histone H1.4	1.08	0.33	6.20E-01	5	19.18%
Q96CG8	Collagen triple helix repeat-containing protein 1	1.08	NA	NA	2	6.58%
P21333	Filamin-A	1.08	0.16	2.50E-03	44	21.50%
Q8IV08	Phospholipase D3	1.08	NA	NA	2	4.29%
O43707	Alpha-actinin-4	1.08	0.11	8.60E-02	9	12.18%
Q13418	Integrin-linked protein kinase	1.08	NA	NA	2	4.20%
Q9BQE5	Apolipoprotein L2	1.08	NA	NA	2	6.53%
P18085	ADP-ribosylation factor 4	1.07	0.27	7.00E-01	3	15.00%
P26641	Elongation factor 1-gamma	1.07	0.08	2.90E-01	3	5.49%
P43307	Translocon-associated protein subunit alpha	1.07	NA	NA	2	6.64%
P61604	10 kDa heat shock protein, mitochondrial	1.06	0.16	4.60E-01	5	51.96%
Q12841	Follistatin-related protein 1	1.06	NA	NA	2	5.19%
P51991	Heterogeneous nuclear ribonucleoprotein A3	1.06	0.17	6.00E-01	3	7.67%
P12814	Alpha-actinin-1	1.06	0.09	1.70E-02	16	19.73%
P67936	Tropomyosin alpha-4 chain	1.06	0.13	1.90E-02	30	68.15%
Q9UNM6	26S proteasome non-ATPase regulatory subunit 13	1.06	NA	NA	2	4.79%
P52907	F-actin-capping protein subunit alpha-1	1.06	NA	NA	2	9.79%
P07910	Heterogeneous nuclear ribonucleoproteins C1/C2	1.05	0.20	6.40E-01	4	13.40%
P21589	5S rRNA nucleotidase	1.05	0.06	2.60E-01	3	5.57%
P50479	PDZ and LIM domain protein 4	1.05	0.30	7.60E-01	4	12.42%
O75390	Citrate synthase, mitochondrial	1.05	0.48	8.50E-01	4	8.37%
P35268	60S ribosomal protein L22	1.05	0.20	7.20E-01	3	19.53%
P61224	Ras-related protein Rap-1b	1.05	0.24	7.70E-01	3	17.93%
P19367	Hexokinase-1	1.05	NA	NA	2	2.18%
O43852	Calumenin	1.05	0.12	3.80E-01	6	17.78%
Q5JXB2	Putative ubiquitin-conjugating enzyme E2 N-like	1.04	NA	NA	2	13.73%
Q9UBS4	DnaJ homolog subfamily B member 11	1.04	NA	NA	2	7.82%
P62851	40S ribosomal protein S25	1.04	0.29	8.00E-01	4	31.20%
P49207	60S ribosomal protein L34	1.04	NA	NA	2	12.82%
P08133	Annexin A6	1.04	0.27	7.00E-01	8	12.78%
P50990	T-complex protein 1 subunit theta	1.04	0.18	7.60E-01	3	6.57%
Q9Y2B0	Protein canopy homolog 2	1.04	NA	NA	2	14.29%
P00558	Phosphoglycerate kinase 1	1.03	0.14	5.50E-01	7	15.83%
P19338	Nucleolin	1.03	0.22	6.60E-01	10	16.20%
P11940	Polyadenylate-binding protein 1	1.03	0.36	9.00E-01	3	4.72%
P62263	40S ribosomal protein S14	1.03	0.15	7.20E-01	4	31.79%
P80303	Nucleobindin-2	1.03	NA	NA	2	3.81%
P08758	Annexin A5	1.02	0.18	6.80E-01	12	31.56%
P62277	40S ribosomal protein S13	1.02	0.13	8.20E-01	3	19.21%
Q09666	Neuroblast differentiation-associated protein AHNAK	1.02	0.16	3.00E-01	85	12.70%
P08865	40S ribosomal protein SA	1.02	NA	NA	2	10.17%
P30041	Peroxioredoxin-6	1.02	0.44	9.40E-01	5	16.52%
P14625	Endoplasmic reticulum chaperone BiP	1.01	0.16	7.00E-01	19	20.67%
P30049	ATP synthase subunit delta, mitochondrial	1.01	NA	NA	2	13.69%
Q13813	Spectrin alpha chain, brain	1.01	0.09	5.40E-01	18	9.18%
P55072	Transitional endoplasmic reticulum ATPase	1.01	0.13	8.10E-01	6	7.82%
P08195	4F2 cell-surface antigen heavy chain	1.01	NA	NA	2	5.56%
P30405	Peptidyl-prolyl cis-trans isomerase, mitochondrial	1.01	NA	NA	2	7.25%
P62318	Small nuclear ribonucleoprotein Sm D3	1.01	NA	NA	2	15.08%
P50213	Isocitrate dehydrogenase [NAD] subunit alpha, mitochondrial	1.01	NA	NA	2	6.01%
P32119	Peroxioredoxin-2	1.01	NA	NA	2	6.57%
P14866	Heterogeneous nuclear ribonucleoprotein L	1.01	0.02	5.60E-01	3	7.30%
P62269	40S ribosomal protein S18	1.01	NA	NA	2	13.16%
P23246	Splicing factor, proline- and glutamine-rich	1.00	0.30	9.70E-01	6	10.04%
Q15907	Ras-related protein Rab-11B	1.00	NA	NA	2	8.72%

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P62249	40S ribosomal protein S16	1.00	0.08	9.10E-01	5	29.45%
Q00610	Clathrin heavy chain 1	1.00	0.40	9.90E-01	3	1.67%
P60709	Actin, cytoplasmic 1	1.00	0.14	9.30E-01	19	49.60%
P11142	Heat shock cognate 71 kDa protein	1.00	0.09	1.00E+00	11	18.11%
P48643	T-complex protein 1 subunit epsilon	1.00	NA	NA	2	2.77%
P02545	Lamin-A/C	1.00	0.14	9.40E-01	33	41.57%
A6NL28	Putative tropomyosin alpha-3 chain-like protein	1.00	NA	NA	2	7.62%
Q9Y490	Talin-1	1.00	0.08	8.90E-01	12	4.92%
Q15293	Reticulocalbin-1	1.00	0.05	9.00E-01	3	10.27%
P06733	Alpha-enolase	1.00	0.08	8.70E-01	10	26.04%
P04179	Superoxide dismutase [Mn], mitochondrial	0.99	0.41	9.80E-01	3	15.77%
Q00341	Vigilin	0.99	NA	NA	2	1.34%
Q13509	Tubulin beta-3 chain	0.99	0.15	9.20E-01	3	8.00%
P62988	Ubiquitin	0.99	0.09	8.10E-01	4	52.63%
Q9P2E9	Ribosome-binding protein 1	0.99	0.20	7.90E-01	16	13.26%
P60660	Myosin light polypeptide 6	0.99	0.08	7.00E-01	5	40.40%
P06748	Nucleophosmin	0.98	0.21	8.50E-01	7	24.49%
Q04637	Eukaryotic translation initiation factor 4 gamma 1	0.98	NA	NA	2	1.13%
P38159	Heterogeneous nuclear ribonucleoprotein G	0.98	NA	NA	2	4.86%
P62191	26S protease regulatory subunit 4	0.98	NA	NA	2	4.77%
P09669	Cytochrome c oxidase subunit 6C	0.98	NA	NA	2	20.00%
P07195	L-lactate dehydrogenase B chain	0.98	NA	NA	2	6.89%
Q13162	Peroxiredoxin-4	0.97	NA	NA	2	7.75%
Q05682	Caldesmon	0.96	0.16	3.60E-01	16	22.19%
P40926	Malate dehydrogenase, mitochondrial	0.96	0.15	4.80E-01	9	32.84%
P83731	60S ribosomal protein L24	0.96	0.36	8.60E-01	3	19.11%
P62906	60S ribosomal protein L10a	0.96	0.19	7.30E-01	3	13.36%
P18124	60S ribosomal protein L7	0.96	0.16	6.70E-01	3	11.69%
P61160	Actin-related protein 2	0.96	NA	NA	2	4.82%
O14818	Proteasome subunit alpha type-7	0.95	NA	NA	2	9.27%
O14950	Myosin regulatory light chain MRLC2	0.95	0.13	4.70E-01	4	17.44%
P13639	Elongation factor 2	0.95	0.18	6.50E-01	3	4.55%
Q15075	Early endosome antigen 1	0.95	NA	NA	2	2.27%
P51858	Hepatoma-derived growth factor	0.95	NA	NA	2	8.75%
P02751	Fibronectin	0.95	0.09	3.60E-03	25	12.74%
P62244	40S ribosomal protein S15a	0.95	NA	NA	2	13.08%
Q96HC4	PDZ and LIM domain protein 5	0.94	0.05	1.90E-01	3	6.88%
P62258	14-3-3 protein epsilon	0.94	NA	NA	2	12.94%
Q99497	Protein DJ-1	0.94	NA	NA	2	11.64%
P60866	40S ribosomal protein S20	0.94	NA	NA	2	22.69%
P35579	Myosin-9	0.94	0.18	5.90E-02	33	16.99%
Q15084	Protein disulfide-isomerase A6	0.94	0.11	2.50E-01	5	16.14%
P49257	Protein ERGIC-53	0.94	NA	NA	2	3.92%
O75396	Vesicle-trafficking protein SEC22b	0.94	0.21	5.20E-01	5	25.58%
P36578	60S ribosomal protein L4	0.93	0.28	6.60E-01	4	8.20%
P69905	Hemoglobin subunit alpha	0.93	0.18	5.80E-01	3	21.83%
Q15056	Eukaryotic translation initiation factor 4H	0.93	NA	NA	2	10.89%
Q32P28	Prolyl 3-hydroxylase 1	0.93	0.09	2.90E-01	3	3.67%
Q5VTE0	Putative elongation factor 1-alpha-like 3	0.93	0.04	1.70E-03	7	16.02%
Q9BRA2	Thioredoxin domain-containing protein 17	0.92	NA	NA	2	15.45%
P30044	Peroxiredoxin-5, mitochondrial	0.92	NA	NA	2	10.28%
Q96D15	Reticulocalbin-3	0.92	0.26	4.30E-01	7	21.04%
P27797	Calreticulin	0.92	0.19	2.90E-01	7	14.63%
P21980	Protein-glutamine gamma-glutamyltransferase 2	0.92	0.03	4.50E-02	3	5.09%
Q02952	A-kinase anchor protein 12	0.92	0.22	4.30E-01	5	4.88%
Q9UMX5	Neudesin	0.91	NA	NA	2	15.70%
P05387	60S acidic ribosomal protein P2	0.91	NA	NA	2	14.78%
O00469	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 2	0.91	0.09	2.10E-01	3	5.70%
Q86UP2	Kinectin	0.91	0.15	2.40E-01	5	4.64%
Q07065	Cytoskeleton-associated protein 4	0.91	0.10	1.60E-04	23	42.86%
O15173	Membrane-associated progesterone receptor component 2	0.90	0.04	6.00E-02	3	18.39%
Q92945	Far upstream element-binding protein 2	0.90	NA	NA	2	3.38%
P09382	Galectin-1	0.90	0.06	9.50E-03	6	41.48%
P26038	Moesin	0.90	0.13	3.30E-02	10	16.98%
P61981	14-3-3 protein gamma	0.90	0.19	1.20E-01	10	30.77%
P24534	Elongation factor 1-beta	0.90	NA	NA	2	7.11%
P63104	14-3-3 protein zeta/delta	0.90	0.14	3.10E-01	3	13.88%
P50991	T-complex protein 1 subunit delta	0.90	NA	NA	2	3.71%
Q9P0K7	Ankyrin	0.89	0.35	6.40E-01	3	3.27%
P31949	Protein S100-A11	0.89	NA	NA	2	18.10%
P13073	Cytochrome c oxidase subunit 4 isoform 1, mitochondrial	0.89	NA	NA	2	13.02%
P10809	60 kDa heat shock protein, mitochondrial	0.89	0.28	2.30E-01	10	15.01%
Q9NQC3	Reticulon-4	0.89	NA	NA	2	1.76%
O75718	Cartilage-associated protein	0.89	0.20	2.10E-01	6	15.96%
O95816	BAG family molecular chaperone regulator 2	0.89	0.16	3.20E-01	3	16.59%
P07737	Profilin-1	0.88	0.10	5.10E-02	5	38.57%
P08238	Heat shock protein HSP 90-beta	0.88	0.23	1.90E-01	7	10.64%
P61247	40S ribosomal protein S3a	0.88	0.14	1.60E-01	4	15.53%
Q9Y2W1	Thyroid hormone receptor-associated protein 3	0.88	NA	NA	2	3.35%
Q9UNX3	60S ribosomal protein L26-like 1	0.88	NA	NA	2	11.03%
P07237	Protein disulfide-isomerase	0.88	0.11	9.20E-05	17	31.69%
P62158	Calmodulin	0.88	0.21	3.00E-01	4	22.15%
O15144	Actin-related protein 2/3 complex subunit 2	0.87	NA	NA	2	5.33%
Q9NZM1	Myoferlin	0.87	0.24	2.30E-01	6	4.22%
P15531	Nucleoside diphosphate kinase A	0.87	NA	NA	2	19.08%
P38117	Electron transfer flavoprotein subunit beta	0.87	0.60	7.30E-01	3	13.73%
Q8NBS9	Thioredoxin domain-containing protein 5	0.87	0.13	1.50E-02	9	23.15%
O43175	D-3-phosphoglycerate dehydrogenase	0.87	NA	NA	2	3.56%
P13667	Protein disulfide-isomerase A4	0.87	0.25	1.30E-01	9	12.56%
P30101	Protein disulfide-isomerase A3	0.87	0.21	2.10E-02	15	29.90%
P38646	Stress-70 protein, mitochondrial	0.87	0.17	1.10E-02	13	22.53%
P12109	Collagen alpha-1(VI) chain	0.87	0.65	7.40E-01	3	4.38%
P23284	Peptidyl-prolyl cis-trans isomerase B	0.86	0.14	5.70E-03	11	41.20%
P14314	Glucosidase 2 subunit beta	0.86	0.17	8.90E-02	6	11.74%

Supplementary Table S4

O75083	WD repeat-containing protein 1	0.86	NA	NA	2	3.14%
P13674	Prolyl 4-hydroxylase subunit alpha-1	0.86	0.16	2.50E-01	3	6.55%
P19320	Vascular cell adhesion protein 1	0.86	NA	NA	2	2.84%
P49419	Alpha-aminoadipic semialdehyde dehydrogenase	0.86	NA	NA	2	3.91%
Q14195	Dihydropyrimidinase-related protein 3	0.85	0.06	1.00E-02	4	9.47%
O43491	Band 4.1-like protein 2	0.85	NA	NA	2	3.18%
Q14108	Lysosome membrane protein 2	0.85	NA	NA	2	3.14%
O60701	UDP-glucose 6-dehydrogenase	0.85	NA	NA	2	4.05%
P08670	Vimentin	0.85	0.10	5.00E-15	49	69.96%
O60664	Mannose-6-phosphate receptor-binding protein 1	0.84	0.15	4.30E-02	6	22.58%
P07437	Tubulin beta chain	0.84	0.21	2.80E-02	10	21.40%
Q9NVA2	Septin-11	0.84	NA	NA	2	3.96%
P68371	Tubulin beta-2C chain	0.84	NA	NA	2	6.07%
P17931	Galectin-3	0.84	0.15	5.70E-02	5	21.20%
P35580	Myosin-10	0.84	0.44	5.60E-01	3	1.97%
O95336	6-phosphogluconolactonase	0.83	0.11	9.70E-02	3	15.12%
Q07020	60S ribosomal protein L18	0.83	NA	NA	2	13.83%
P27824	Calnexin	0.83	0.10	7.60E-02	3	7.26%
Q9UII2	ATPase inhibitor, mitochondrial	0.83	NA	NA	2	7.55%
P37802	Transgelin-2	0.82	0.29	1.30E-01	7	43.22%
P46781	40S ribosomal protein S9	0.82	0.24	2.90E-01	3	13.92%
P30086	Phosphatidylethanolamine-binding protein 1	0.82	0.15	7.30E-02	4	19.25%
P61026	Ras-related protein Rab-10	0.82	NA	NA	2	11.00%
P78559	Microtubule-associated protein 1A	0.82	0.15	2.30E-02	6	2.99%
P00387	NADH-cytochrome b5 reductase 3	0.82	NA	NA	2	11.96%
P04406	Glyceraldehyde-3-phosphate dehydrogenase	0.81	0.08	4.80E-04	7	20.60%
P27144	Adenylate kinase isoenzyme 4, mitochondrial	0.81	NA	NA	2	9.42%
Q99439	Calponin-2	0.81	NA	NA	2	4.21%
Q15365	Poly(RC)-binding protein 1	0.81	NA	NA	2	4.78%
P07951	Tropomyosin beta chain	0.80	0.21	5.70E-03	11	31.69%
P04083	Annexin A1	0.80	0.13	2.80E-05	14	44.22%
P29692	Elongation factor 1-delta	0.80	0.14	1.20E-01	3	11.03%
P52565	Rho GDP-dissociation inhibitor 1	0.80	NA	NA	2	14.71%
Q96AY3	FK506-binding protein 10	0.80	0.11	1.20E-02	5	7.90%
P04181	Ornithine aminotransferase, mitochondrial	0.80	NA	NA	2	5.47%
P11021	78 kDa glucose-regulated protein	0.80	0.18	1.10E-06	25	38.38%
P62937	Peptidyl-prolyl cis-trans isomerase A	0.80	0.16	1.00E-02	7	28.48%
P23142	Fibulin-1	0.79	0.17	1.40E-01	3	4.69%
P62857	40S ribosomal protein S28	0.79	NA	NA	2	23.19%
P22314	Ubiquitin-like modifier-activating enzyme 1	0.79	0.37	3.80E-01	3	3.59%
Q9Y281	Cofilin-2	0.79	0.02	1.50E-03	3	18.07%
P11177	Pyruvate dehydrogenase E1 component subunit beta, mitochondrial	0.78	NA	NA	2	6.41%
P04075	Fructose-bisphosphate aldolase A	0.78	0.13	2.10E-05	13	35.71%
P06703	Protein S100-A6	0.78	0.06	4.00E-03	4	33.33%
P14618	Pyruvate kinase isozymes M1/M2	0.78	0.21	3.00E-03	11	23.35%
P10909	Clusterin	0.77	NA	NA	2	4.23%
P09493	Tropomyosin alpha-1 chain	0.77	0.37	1.50E-01	6	17.96%
P05388	60S acidic ribosomal protein P0	0.77	NA	NA	2	5.36%
P07900	Heat shock protein HSP 90-alpha	0.76	0.37	1.40E-01	6	8.33%
P27816	Microtubule-associated protein 4	0.76	0.40	5.70E-02	10	10.68%
Q969H8	UPF0556 protein C19orf10	0.76	0.06	1.30E-02	3	20.81%
O75915	PRA1 family protein 3	0.76	NA	NA	2	9.57%
Q14247	Src substrate cortactin	0.76	NA	NA	2	3.27%
P09622	Dihydrolipoyl dehydrogenase, mitochondrial	0.76	NA	NA	2	5.30%
Q14847	LIM and SH3 domain protein 1	0.75	0.40	3.40E-01	3	12.26%
P08107	Heat shock 70 kDa protein 1	0.75	0.41	2.50E-01	4	8.11%
P09211	Glutathione S-transferase P	0.75	0.20	6.20E-02	4	24.76%
P09936	Ubiquitin carboxyl-terminal hydrolase isozyme L1	0.73	0.06	1.30E-02	3	18.83%
P42766	60S ribosomal protein L35	0.73	0.22	1.30E-01	3	21.95%
A8MW06	Thymosin beta-4-like protein 3	0.72	0.06	1.10E-02	3	43.18%
Q01995	Transgelin	0.72	0.14	3.10E-04	8	39.30%
P05556	Integrin beta-1	0.72	0.11	8.60E-04	6	8.65%
O15460	Prolyl 4-hydroxylase subunit alpha-2	0.72	0.12	1.10E-02	4	9.53%
P25786	Proteasome subunit alpha type-1	0.71	NA	NA	2	6.46%
P28838	Cytosol aminopeptidase	0.70	NA	NA	2	4.62%
P62750	60S ribosomal protein L23a	0.70	0.30	1.80E-01	3	19.87%
P62829	60S ribosomal protein L23	0.69	NA	NA	2	12.86%
P50502	Hsc70-interacting protein	0.69	0.35	2.10E-01	3	8.40%
O95302	FK506-binding protein 9	0.69	NA	NA	2	3.16%
P24844	Myosin regulatory light polypeptide 9	0.68	0.26	1.20E-01	3	17.44%
P02792	Ferritin light chain	0.67	0.38	1.20E-01	4	21.71%
P30040	Endoplasmic reticulum protein ERp29	0.66	0.20	2.40E-02	4	18.01%
P18621	60S ribosomal protein L17	0.66	0.51	2.80E-01	3	17.93%
Q12904	Multisynthetase complex auxiliary component p43	0.65	NA	NA	2	11.22%
P51149	Ras-related protein Rab-7a	0.65	0.08	1.70E-03	4	21.74%
P29279	Connective tissue growth factor	0.62	NA	NA	2	6.30%
P49368	T-complex protein 1 subunit gamma	0.61	NA	NA	2	4.04%
P50454	Serpin H1	0.60	0.38	3.80E-03	9	25.84%
P05362	Intercellular adhesion molecule 1	0.60	NA	NA	2	5.26%
Q99536	Synaptic vesicle membrane protein VAT-1 homolog	0.59	0.36	1.30E-01	3	11.45%
P61923	Coatmer subunit zeta-1	0.58	NA	NA	2	14.12%
P48681	Nestin	0.56	NA	NA	2	1.30%
P13797	Plastin-3	0.56	0.14	1.90E-02	3	6.83%
P07996	Thrombospondin-1	0.55	0.19	2.20E-03	5	4.27%
P16070	CD44 antigen	0.52	NA	NA	2	3.77%
P22307	Non-specific lipid-transfer protein	0.52	0.73	1.70E-01	4	7.31%
P02452	Collagen alpha-1(I) chain	0.49	0.34	2.50E-02	4	4.30%
P23381	Tryptophanyl-tRNA synthetase, cytoplasmic	0.48	NA	NA	2	4.46%
O60493	Sorting nexin-3	0.45	NA	NA	2	17.28%
P10321	HLA class I histocompatibility antigen, Cw-7 alpha chain	0.45	0.13	8.30E-03	3	12.84%
P08123	Collagen alpha-2(I) chain	0.42	NA	NA	2	1.76%
Q9UHB6	LIM domain and actin-binding protein 1	0.39	NA	NA	2	2.64%
Q8IVL6	Prolyl 3-hydroxylase 3	0.36	NA	NA	2	3.67%

Average false discovery rate = 1.05% peptide identity, 2.21% peptide homology; NA = not applicable because &lt; 3 peptides.