

Supplementary Table S2: Protein identification data by mass spectrometry

Uniprot accession number	Protein name	Protein molecular weight (Da)	Exclusive unique peptide count	Percentage sequence coverage	Mascot Score
O09172	Glutamate--cysteine ligase regulatory subunit	30535	6	30%	406
O35345	Importin subunit alpha-7	59966	18	41%	1293
O35639	Annexin A3	36386	21	59%	1416
O55023	Inositol monophosphatase 1		6	23%	405
O70370	Cathepsin S	38475	8	33%	611
O88456	Calpain small subunit 1	28464	9	68%	805
O88487	Cytoplasmic dynein 1 intermediate chain 2	68393	20	59%	1910
O88544	COP9 signalosome complex subunit 4	46286	3	9%	202
P09528	Ferritin heavy chain	21067	11	64%	855
P10605	Cathepsin B	37280	4	19%	299
P14824	Annexin A6	75889	30	50%	1738
P17751/a	triose phosphate isomerase	32191	12	55%	985
P17751/b	triose phosphate isomerase	32191	16	62%	1177
P17751/c	triose phosphate isomerase	32191	9	40%	551
P17751/d	triose phosphate isomerase	32191	12	46%	894
P18242	Cathepsin D	44955	9	28%	578
P18760	Cofilin 1	18560	5	42%	234
P23591	GDP-L-fucose synthase	35877	5	14%	344
P26516	proteasome non-ATPase regulatory subunit 7	36540	14	51%	1320
P31938	Dual specificity mitogen-activated protein kinase kinase 1	43440	4	12%	187
P45376	Aldo-keto reductase family 1 member B1	35733	15	50%	944
P46061	Ran GTPase-activating protein 1	63532	12	30%	956
P47738	aldehyde dehydrogenase, mitochondrial	56538	19	57%	1447
P47753	F-actin-capping protein subunit alpha-1	32940	13	62%	1377
P47791	Glutathione reductase, mitochondrial	53662	8	22%	486
P50171	Estradiol 17-beta-dehydrogenase 8	26588	8	49%	607
P54227	Stathmin	17275	13	51%	868
P57759	Endoplasmic reticulum resident protein 29	28825	7	27%	524
P61982	14-3-3 gamma protein	28253	9	55%	896

P62137	Serine/threonine-protein phosphatase PP1-alpha catalytic subunit	37514	10	39%	571
P62748	Hippocalcin-like protein 1	22339	8	39%	492
P67778	prohibitin	29821	12	53%	769
P70202	Latexin	25491	3	18%	223
Q3SXD3	HD domain-containing protein 2	22753	2	10%	83
Q3U1J4	DNA damage-binding protein 1	126855	17	17%	819
Q3UM45	Protein phosphatase 1 regulatory subunit 7	41293	2	5%	92
Q60854	Serpin B6	42600	13	39%	719
Q60854	Serpin B6	42600	8	23%	718
Q60854	Serpin B6	42600	9	26%	257
Q61205	Platelet-activating factor acetylhydrolase IB subunit gamma	25853	7	26%	348
Q64105	Sepiapterin reductase	27884	13	63%	1253
Q64152	Transcription factor btf3	22168	6	41%	371
Q64152	Transcription factor btf3	22168	11	56%	1027
Q64442	sorbitol dehydrogenase	38249	10	35%	681
Q6P3D0	U8 snoRNA-decapping enzyme	21826	15	80%	862
Q6ZQI3	malectin	32342	4	15%	196
Q7TQI3	Ubiquitin thioesterase OTUB1	31270	9	37%	576
Q80UW8	DNA-directed RNA polymerases I, II, and III subunit RPABC1	24570	7	34%	678
Q8BH04	Phosphoenolpyruvate carboxykinase [GTP], mitochondrial	70529	18	38%	1187
Q8BMF4	Dihydrolipoyllysine-residue acetyltransferase component of pyruvate dehydrogenase complex	67943	19	40%	1696
Q8BV13	COP9 signalosome complex subunit 7b	29690	6	23%	431
Q8CAY6	Acetyl-CoA acetyltransferase, cytosolic	41297	2	4%	87
Q8CDN6	Thioredoxin-like protein 1	32237	15	65%	1357
Q8K2B3	Succinate dehydrogenase [ubiquinone] flavoprotein subunit	72586	12	25%	927
Q91WN1	DnaJ homolog subfamily C member 9	30059	5	19%	253
Q91ZJ5	UTP--glucose-1-phosphate uridylyltransferase	56981	6	16%	287
Q91ZR2	Sorting nexin-18	67905	2	5%	117
Q921I9	Exosome complex component RRP41	26249	6	31%	373

Q923D2	Flavin reductase	22197	3	25%	225
Q99K51	Plastin-3	70744	35	60%	2702
Q99K51	Plastin-3	70798	5	10%	302
Q99KR3	Endoribonuclease LACTB2	32756	11	48%	648
Q99LC5	Electron transfer flavoprotein subunit alpha	35010	16	65%	1396
Q9CQ02	COMM domain-containing protein 4	21861	5	31%	339
Q9CQ65	S-methyl-5'-thioadenosine phosphorylase	31062	7	32%	541
Q9CQU0	Thioredoxin domain-containing protein 12	19049	6	43%	517
Q9CXW3	Calcyclin binding protein	26511	4	22%	170
Q9CYZ2	Tumor protein D54	22238	3	13%	145
Q9CZ13	Cytochrome b-c1 complex subunit 1	52852	17	48%	1497
Q9D2G2	Dihydrolipoyllysine-residue succinyltransferase component of 2-oxoglutarate dehydrogenase complex	48995	9	24%	785
Q9D6J6	NADH dehydrogenase [ubiquinone] flavoprotein 2	27286	6	34%	467
Q9D8C4	Interferon-induced 35 kDa protein homolog	31874	9	36%	522
Q9D964	Glycine amidinotransferase, mitochondrial	48298	5	16%	235
Q9DB05	Alpha-soluble NSF attachment protein	33191	13	49%	877
Q9DBP5	UMP-CMP kinase	22166	10	59%	846
Q9DCX2	ATP synthase subunit d	18750	10	65%	831
Q9ER38	Torsin-3A	43815	4	9%	183
Q9ERF3	WD repeat-containing protein 61	33773	7	24%	458
Q9JHW2	Omega-amidase NIT2	30503	3	16%	239
Q9QXK7	Cleavage and polyadenylation specificity factor subunit 3	77490	3	5%	227
Q9QYB1	Chloride intracellular channel protein 4	28728	4	20%	327
Q9QYJ0	DnaJ homolog subfamily A member 2	45762	4	9%	204
Q9QZ06	Toll-interacting protein	30345	3	11%	174
Q9QZ88	Vacuolar protein sorting-associated protein 29	20399	5	29%	231
Q9WUU7	Cathepsin Z	33886	3	9%	153