

**Supplementary Material**  
**Table S1**

Description (1.0% FDR)	Gene Symbol	MS counts		Ratio (Stimulated/Control)
		Stimulated	Control	
Malate dehydrogenase, cytoplasmic	MDHC	15	1	15.0
Hemopexin	HEMO	11	1	11.0
Annexin A6	ANXA6	21	2	10.5
Alpha-enolase	ENOA	139	14	9.9
L-lactate dehydrogenase A chain	LDHA	49	5	9.8
Beta-enolase	ENOB	178	22	8.1
Carbonic anhydrase 2	CAH2	48	6	8.0
Annexin A2	ANXA2	15	2	7.5
Glycerol-3-phosphate dehydrogenase [NAD+], cytoplasmic	GPDA	7	1	7.0
Keratin, type II cytoskeletal 6A	K2C6A	7	1	7.0
L-lactate dehydrogenase B chain	LDHB	7	1	7.0
Vimentin	VIME	7	1	7.0
Pyruvate kinase isozymes M1/M2	KPYM	60	9	6.7
Glutathione S-transferase alpha-3	GSTA3	6	1	6.0
Keratin, type II cytoskeletal 5	K2C5	5	1	5.0
Aspartate aminotransferase, cytoplasmic	AATC	34	8	4.3
Transgelin-2	TAGL2	12	3	4.0
Keratin, type II cytoskeletal 75	K2C75	4	1	4.0
Glyceraldehyde-3-phosphate dehydrogenase	G3P	19	5	3.8
Fructose-bisphosphate aldolase C	LDOC	7	2	3.5
Apolipoprotein A-IV	APOA4	16	5	3.2
Phosphoglucomutase-1	PGM1	70	23	3.0
Zinc-alpha-2-glycoprotein	ZA2G	15	5	3.0
Serine protease inhibitor A3N	SPA3N	6	2	3.0
Complement component C9	CO9	3	1	3.0
Peptidyl-prolyl cis-trans isomerase FKBP1A	FKB1A	3	1	3.0
Ceruloplasmin	CERU	23	8	2.9
Carbonic anhydrase 3	CAH3	20	7	2.9
Myoglobin	MYG	209	76	2.8
Phosphoglycerate mutase 2	PGAM2	22	8	2.8
Selenium-binding protein 1	SBP1	19	8	2.4
Corticosteroid-binding globulin	CBG	7	3	2.3
Fatty acid-binding protein, heart	FABPH	36	16	2.3

Peroxiredoxin-5, mitochondrial	PRDX5	9	4	2.3
Creatine kinase M-type	KCRM	130	59	2.2
Nucleoside diphosphate kinase B	NDKB	15	7	2.1
Heat shock cognate 71 kDa protein	HSP7C	29	14	2.1
Glutathione S-transferase Mu 2	GSTM2	10	5	2.0
Ubiquitin	UBIQ	6	3	2.0
D-dopachrome decarboxylase	DOPD	6	3	2.0
Keratin, type II cytoskeletal 2 epidermal	K22E	4	2	2.0
Alpha-1-inhibitor 3	A1I3	23	0	
Murinoglobulin-1	MUG1	16	0	
Murinoglobulin-2	MUG2	13	0	
78 kDa glucose-regulated protein	GRP78	6	0	
Inter-alpha-trypsin inhibitor heavy chain H3	ITIH3	6	0	
Anionic trypsin-1	TRY1	5	0	
Cofilin-1	COF1	5	0	
Ferritin light chain 1	FRIL1	5	0	
Apolipoprotein A-I	APOA1	4	0	
Catalase	CATA	4	0	
Bis(5'-nucleosyl)-tetraphosphatase [asymmetrical]	AP4A	4	0	
Gelsolin	GELS	3	0	
3-mercaptopyruvate sulfurtransferase	THTM	3	0	
Platelet-activating factor acetylhydrolase IB subunit beta	PA1B2	3	0	
Vinculin	VINC	3	0	
Annexin A4	ANXA4	3	0	
Annexin A1	ANXA1	3	0	
Purine nucleoside phosphorylase	PNPH	3	0	
Urinary protein 1	UP1	3	0	
Histone H2A.J	H2AJ	2	0	
Ferritin heavy chain	FRIH	2	0	
Rab GDP dissociation inhibitor beta	GDIB	2	0	
Xaa-Pro dipeptidase	PEPD	2	0	
Myc box-dependent-interacting protein 1	BIN1	2	0	
Glutathione peroxidase 1	GPX1	2	0	
Inositol monophosphatase 1	IMPA1	2	0	
Glutathione S-transferase alpha-4	GSTA4	2	0	
Dipeptidyl peptidase 2	DPP2	2	0	
Tubulin-specific chaperone A	TBCA	2	0	

Delta-aminolevulinic acid dehydratase	HEM2	2	0	
Fructose-1,6-bisphosphatase isozyme 2	F16P2	2	0	
Vesicular acetylcholine transporter	VACHT	2	0	
Aldose 1-epimerase	GALM	2	0	
Cytoplasmic aconitate hydratase	ACOC	2	0	
Adenylate kinase isoenzyme 1	KAD1	13	27	0.5
Protein DJ-1	PARK7	6	13	0.5
Prothrombin	THRB	6	13	0.5
Protein AMBP	AMBP	4	10	0.4
cAMP-dependent protein kinase inhibitor alpha	IPKA	2	5	0.4
Alpha-1-acid glycoprotein	A1AG	2	5	0.4
Peroxiredoxin-4	PRDX4	1	3	0.3
Transaldolase	TALDO	1	3	0.3
Annexin A3	ANXA3	1	3	0.3
Hematological and neurological expressed 1 protein	HN1	1	3	0.3
Complement factor I	CFAI	8	31	0.3
Acylphosphatase-2	ACYP2	3	13	0.2
Beta-2-microglobulin	B2MG	1	5	0.2
T-kininogen 1	KNT1	3	17	0.2
Thymosin beta-10	TYB10	1	6	0.2
Collagen alpha-1(III) chain	CO3A1	1	6	0.2
Protein phosphatase 1 regulatory subunit 1A	PPR1A	0	6	
Insulin-like growth factor I	IGF1	0	5	
Keratin, type II cytoskeletal 72	K2C72	0	4	
Extracellular superoxide dismutase [Cu-Zn]	SODE	0	4	
Transthyretin	TTHY	0	3	
Small ubiquitin-related modifier 2	SUMO2	0	3	
Neural precursor cell expressed developmentally down-regulated protein 8	NEDD8	0	3	
Protein S100-A11	S10AB	0	3	
Fatty acid-binding protein, epidermal	FABP5	0	3	
Cellular nucleic acid-binding protein	CNBP	0	2	
Heterogeneous nuclear ribonucleoprotein F	HNRPF	0	2	
Cysteine-rich protein 1	CRIP1	0	2	
Collagen alpha-1(II) chain	CO2A1	0	2	
Disabled homolog 2	DAB2	0	2	
Urinary protein 2	UP2	0	2	