

Table 3. Protein spots that were identified but were not significantly different by copper treatment ($P > 0.05$)¹.

NCBI No	T-test	Ratio (CuD/CuA)	Name of the protein
gi 125313	0.055	-1.09	Creatine kinase; sarcomeric mitochondrial precursor
gi 1374715	0.093	-1.16	ATP synthase beta unit
gi 8393418	0.2	-1.11	Glyderaldehyde 3-Phosphate Dehydrogenase
pi 6981146	0.2	1.11	isocitrate dehydrogenase B
gi 203055	0.26	-1.14	ATP synthase alpha subunit
gi 13162363	0.29	1.09	heart fatty acid binding protein
gi 61889092	0.31	1.12	adenylate kinase
gi 51259441	0.32	1.12	LOC498909 protein
gi 8394432	0.35	-1.06	peroxiredoxin 2
gi 28933457	0.36	-1.11	glutathione S-transferase; mu 2
gi 40538860	0.36	-1.07	anconitase 2; mitochondrial
gi 6981146	0.4	-1.05	lactate dehydrogenase B
gi 16757994	0.42	-1.07	pyruvate kinase; muscle
gi 8394331	0.44	1.08	superoxidase dismutase
gi 13162363	0.45	1.12	heart fatty acid binding protein
gi 203474	0.46	1.1	creatine kinase
gi 56961640	0.46	1.13	protein-L-isoaspartate
gi 109466092	0.5	-1.05	similar to 3-oxoacid CoA
gi 20304123	0.54	1.04	3-mercaptopyruvate sulfurtransferase
gi 2392291	0.57	-1.03	Chain A; 2-Enoyl-CoA Hydratase
gi 6981362	0.58	1.06	lysophospholipase 1
gi 38512111	0.62	-1.03	Tpi1 protein
gi 56090293	0.62	1.05	pyruvate dehydrogenase (lipoamide) beta
gi 157819619	0.64	1.09	biliverdin reductase B
gi 57527204	0.65	-1.03	alpha B-ETF
gi 51948412	0.69	-1.07	electron-transfer-flavoprotein
gi 13162363	0.71	1.04	fatty acid binding protein 3
gi 56541238	0.72	-1.02	fumarate hydratase 1
gi 400269	0.72	-1.02	Methylmalonate-semialdehyde dehydrogenase
gi 127167	0.77	1.01	myosin regulatory light chain 2
gi 25742763	0.77	-1.03	heat shock 70kD protein 5
gi 33468857	0.83	-1.01	histidine triad nucleotide binding protein
gi 51948412	0.88	1.01	electron-transfer-flavoprotein
gi 9506411	0.91	1	ATP synthase; H ⁺ transporting; mitochondrial F0 complex; subunit d
gi 83939410	0.94	1.01	phosphatidylethanolamine binding protein
gi 27689717	0.96	1	similar to N-acetylglutamate synthase isoform 1
gi 55742725	0.97	1.01	dihydrolipoamide S-succinate

¹Ratios are based on 8 copper-deficient and 8 copper-adequate rats.