

Table 2. Protein spots that are significantly changed (DIGE analysis) in CuD compare to CuA¹

NCBI No	T-test	Ratio (CuD/CuA)	Name of the protein	
gi 126723393	0.0079	-1.63	enolase 3; beta	down
gi 9506445	0.034	-1.5	carbonic anhydrase 2	down
gi 6978491	0.00016	-1.26	aldehyde reductase 1	down
gi 145275165	0.026	-1.21	Glutathione peroxidase	down
gi 6671762	0.0028	-1.18	creatine kinase; muscle	down
gi 40538860	0.0053	-1.18	aconitase 2, mitochondrial	down
gi 16758446	0.035	1.2	isocitrate dehydrogenase 3 (NAD+) alpha	up
gi 40786469	0.011	1.24	dihydrolipoamide dehydrogenase	up
gi 1000439	0.0024	1.29	GRP 75 [Rattus sp.]	up
gi 220904	0.0062	1.35	subunit d of mitochondrial H-ATP synthase	up
gi 3212532	0.027	1.35	Chain A; rat transthyretin	up
gi 55747	0.0052	1.39	preproapolipoprotein A-I	up
gi 57580	0.012	1.48	alpha-B crystallin [Rattus norvegicus]	up
gi 61556986	0.0051	1.6	transferrin	up
gi 20302069	0.037	1.77	heat shock protein; alpha	up

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