

Supplementary Table S8. Proteome changes on aorta or heart tissue of high-fat diet + Atorvastatina *versus* high-fat diet.

Tissue	UniProt ID	Gene	Protein name	FC	<i>p</i> -value*
AORTA	A0A0G2JUZ3	<i>Myopop</i>	Myb-related transcription factor, partner of profilin	1.331	0.0047
	Q9QZR6	<i>Sept9</i>	Septin-9	-1.238	0.0086
	A0A0G2JW88	<i>Map4</i>	Microtubule-associated protein	-1.582	0.0087
	Q9WUH4	<i>Fhl1</i>	Four and a half LIM domains protein 1	-1.465	0.0108
HEART	F1LN42	<i>Tns1</i>	Tensin 1	1.297	0.0008
	Q4V8F6	<i>Pcbp2</i>	Pcbp2 protein	1.245	0.0022
	P47942	<i>Dpysl2</i>	Dihydropyrimidinase-related protein 2	1.188	0.0022
	G3V8L3	<i>Lmna</i>	Lamin A, isoform CRA_b	1.267	0.0023
	M0RAM5	<i>Gpx1</i>	Glutathione peroxidase	1.177	0.0065
	P56571	<i>N/A</i>	ES1 protein homolog, mitochondrial	1.159	0.0148
	Q62651	<i>Ech1</i>	Delta(3,5)-Delta(2,4)-dienoyl-CoA isomerase, mitochondrial	-1.298	0.0012
	Q9QZ76	<i>Mb</i>	Myoglobin	-1.727	0.0027
	P08010	<i>Gstm2</i>	Glutathione S-transferase Mu 2	-1.354	0.0041
	P67779	<i>Phb</i>	Prohibitin	-1.142	0.0085
	P47727	<i>Cbr1</i>	Carbonyl reductase [NADPH] 1	-1.300	0.0130
	D3ZLT1	<i>Ndufb7</i>	NADH dehydrogenase (Ubiquinone) 1 beta subcomplex, 7 (Predicted)	-1.613	0.0131
	P25113	<i>Pgam1</i>	Phosphoglycerate mutase 1	-1.237	0.0148
	P19804	<i>Nme2</i>	Nucleoside diphosphate kinase B	-1.356	0.0152
	D3ZF77	<i>Akr1c15</i>	Aldo-keto reductase family 1 member C15	-1.235	0.0163
	P09605	<i>Ckmt2</i>	Creatine kinase S-type, mitochondrial	-1.499	0.0172

FC, fold change.

T-test or Wilcoxon test of pairwise comparisons was performed depending on each protein's distribution.

* $p < 0.02$ was considered statistically significant