

Supplemental Table: Proteins Identified in 2D Gels from Figure 3.

All proteins listed in this Table met the following identification criteria: $\Delta\text{CN} > 0.1$; Xcorr versus charge state 2(+1), 3(+2), 4(+3) and 5(+4); and ≥ 4 peptides (except for the lower molecular weight cal sarcin-containing spots, which were with 3 peptides) with an upper molecular weight limit of 50kDa. Mouse IPI accession numbers are listed in parentheses after the protein name. No cal sarcin peptides were detected in spots 19-21 in the 2 or 4wk TAC hearts. For pI and MW, the observed values are outside, and the calculated (based on IPI sequence and ExPASy compute pI/MW tool) values inside, of parentheses.

Spot #	SHAM (IPI accession)	Observed (Calculated) pI/MW	TAC 2wk (IPI accession)	Observed (Calculated) pI/MW	TAC 4wk (IPI accession)	Observed (Calculated) pI/MW
1	Pyruvate dehydrogenase E1 beta (IPI00132042)	6.2 (6.4)/ 35 (38.9)	Tropomyosin alpha (IPI00123316)	6.2 (4.7)/ 35 (32.6)	None	NA
2	Four and a half LIM domains (IPI00118205)	6.6 (7.3)/ 35 (32.0)	Four and a half LIM domains (IPI00118205)	6.6 (7.3)/ 35 (32.0)	Four and a half LIM domains (IPI00118205); Cal sarcin-1 (IPI00122334)	6.6 (7.3)/ 35 (32.0)
3	Four and a half LIM domains (IPI00118205)	6.7 (7.3)/ 35 (32.0)	Cal sarcin-1 (IPI00122334); Four and a half LIM domains (IPI00118205)	6.7 (8.5)/ 35 (29.7); 6.7 (7.3)/ 35 (32.0)	Cal sarcin-1 (IPI00122334)	6.7 (8.5)/ 35 (29.7)
4	Cal sarcin-1 (IPI00122334)	7.2 (8.5)/ 37 (29.7)	Cal sarcin-1 (IPI00122334)	7.2 (8.5)/ 37 (29.7)	Cal sarcin-1 (IPI00122334)	7.2 (8.5)/ 37 (29.7)
5	Cal sarcin-1 (IPI00122334)	7.4 (8.5)/ 37 (29.7)	Cal sarcin-1 (IPI00122334)	7.4 (8.5)/ 37 (29.7)	Cal sarcin-1 (IPI00122334)	7.4 (8.5)/ 37 (29.7)
6	Cal sarcin-1 (IPI00122334)	7.6 (8.5)/ 37 (29.7)	Cal sarcin-1 (IPI00122334)	7.6 (8.5)/ 37 (29.7)	Cal sarcin-1 (IPI00122334)	7.6 (8.5)/ 37 (29.7)
7	Electron transfer flavoprotein alpha (IPI00116753)	7.0 (8.6)/ 30 (35.0)	Cal sarcin-1 (IPI00122334)	7.0 (8.5)/ 30 (29.7)	None	NA
8	PDZ and LIM domain protein 1 (IPI00309768)	7.3 (6.4)/ 35 (35.7)	Cal sarcin-1 (IPI00122334)	7.3 (8.5)/ 35 (29.7)	Cal sarcin-1 (IPI00122334)	7.4 (8.5)/ 35 (29.7)
9	Cal sarcin-1 (IPI00122334)	7.5 (8.5)/ 35 (29.7)	Cal sarcin-1 (IPI00122334)	7.5 (8.5)/ 35 (29.7)	Cal sarcin-1 (IPI00122334)	7.5 (8.5)/ 35 (29.7)
10	Four and a half LIM domains (IPI00118205)	7.8 (7.3)/ 35 (32.0)	Cal sarcin-1 (IPI00122334)	7.8 (8)/ 35 (29.7)	Cal sarcin-1 (IPI00122334)	7.8 (8.5)/ 35 (29.7)
11	Voltage-dependent anion channel 2 (IPI00122547)	8.0 (7.4)/ 35 (31.7)	Voltage-dependent anion channel 2 (IPI00122547); Cal sarcin-1 (IPI00122334)	8.0 (7.4)/ 35 (31.7); 8.0 (8.5)/ 35 (29.7)	Voltage-dependent anion channel 2 (IPI00122547); Cal sarcin-1 (IPI00122334)	8.0 (7.4)/ 35 (31.7); 8.0 (8.5)/ 35 (29.7)
12	None	NA	None	NA	Voltage-dependent anion channel 2	7.5 (7.4)/ 32 (31.7)

					(IPI00122547)	
13	None	NA	None	NA	None	NA
14	None	NA	None	NA	None	NA
15	None	NA	None	NA	None	NA
16	None	NA	None	NA	None	NA
17	None	NA	Myosin light chain 3 (IPI00133392)	6.8 (5.0)/ 25 (22.4)	None	NA
18	None	NA	None	NA	None	NA
19	Electron transfer flavoprotein alpha (IPI00116753); Cytochrome b-c1 complex (IPI00133240); Calsarcin-1 (IPI00122334)	8.0 (8.62)/ 22 (35.0); 8.0 (8.92)/ 22 (29.3); 8.0 (8.5)/ 22 (29.7)	Myosin regulatory light chain 2 (IPI00555015)	8.0 (4.9)/ 22 (18.9)	Cytochrome b-c1 complex (IPI00133240)	8.0 (8.92)/ 22 (29.3)
20	None	NA	None	NA	Cytochrome b-c1 complex (IPI00133240)	8.3 (8.92)/ 22 (29.3)
21	Alpha-crystallin B chain (IPI00138274); Myosin regulatory light chain 2 (IPI00555015); Calsarcin-1 (IPI00122334)	7.8 (6.8)/ 18 (20.1); 7.8 (4.9)/ 18 (18.9); 7.8 (8.5)/ 18 (29.7)	Myosin regulatory light chain 2 (IPI00555015)	7.8 (4.9)/ 18 (18.9)	Alpha-crystallin B chain (IPI00138274)	7.8 (6.8)/ 18 (20.1)