

Additional File 3**Table S7.**

Mitochondrial associated genes changing in combination exposed newborn rat hearts vs controls.

Gene Symbol	Gene Description	Fold Change	p Value	Affymetrix ID	Entrez Gene ID
Bdh1	3-hydroxybutyrate dehydrogenase, type 1	2.29	0.0227	10754931	117099
Mtfp1	mitochondrial fission process 1	1.61	0.0455	10778038	289745
Tstd3	thiosulfate sulfurtransferase (rhodanese)-like domain containing 3	1.56	0.041	10875751	500420
Mrpl19	mitochondrial ribosomal protein L19	1.47	0.0168	10863420	297372
Rtn4ip1	reticulon 4 interacting protein 1	1.42	0.0334	10830630	309912
Bphl	biphenyl hydrolase like	1.39	0.0383	10798100	361239
Nif3l1	NGG1 interacting factor 3 like 1	1.38	0.0443	10923567	301431
Chchd4	coiled-coil-helix-coiled-coil-helix domain containing 4	1.37	0.025	10864100	312559
Gstk1	glutathione S-transferase kappa 1	1.37	0.0358	10855008	297029
Dus2	dihydrouridine synthase 2	1.36	0.0482	10807435	291978
Mrps27	mitochondrial ribosomal protein S27	1.36	0.027	10812722	361883
Bckdhb	branched chain keto acid dehydrogenase E1 subunit beta	1.35	0.0231	10911976	29711
Hccs	holocytochrome c synthase	1.35	0.0449	10933279	317444
Mrps10	mitochondrial ribosomal protein S10	1.34	0.0458	10926342	363187
Dguok	deoxyguanosine kinase	1.33	0.043	10863542	297389
Mmachc	methylmalonic aciduria (cobalamin deficiency) cblC type, with homocystinuria	1.33	0.036	10878905	313520
Mpst	mercaptopyruvate sulfurtransferase	1.33	0.0411	10897446	192172
Fam162a	family with sequence similarity 162, member A	1.32	0.0458	10751450	360721
Gcdh	glutaryl-CoA dehydrogenase	1.31	0.03	10806628	364975
Nudt5	nudix hydrolase 5	1.31	0.049	10799539	361274
Rexo2	RNA exonuclease 2	1.31	0.0443	10917095	300689
Mcat	malonyl-CoA-acyl carrier protein transacylase	1.3	0.0318	10898160	315173
Mrpl38	mitochondrial ribosomal protein L38	1.3	0.0453	10749132	303685
Dap3	death associated protein 3	1.29	0.0205	10824373	295238
Hmbs	hydroxymethylbilane synthase	1.29	0.0352	10916753	25709
Ndufc1	NADH:ubiquinone oxidoreductase subunit C1	1.29	0.0117	10823098	689938
Sirt5	sirtuin 5	1.28	0.0465	10797827	306840
Mrpl40	mitochondrial ribosomal protein L40	1.27	0.0288	10755987	287962
Ak2	adenylate kinase 2	1.26	0.0228	10872260	24184
Apoo	apolipoprotein O	1.26	0.0199	10934024	363474
L2hgdh	L-2-hydroxyglutarate dehydrogenase	1.26	0.0351	10890342	314196
Them4	thioesterase superfamily member 4	1.25	0.0443	10817208	361992