

Table S1. Fractionation of the liver homogenate. Rats were bile duct ligated for 4 weeks (BDL rats, $n = 9$) or sham-operated control rats ($n = 5$). After euthanasia by cervical dislocation, the liver was removed and homogenized. After homogenization, the liver was fractionated by serial centrifugation as described in Methods. Enzyme activities were determined by spectrophotometric methods and protein was measured according to Lowry with bovine serum albumin as standard. Data are presented as the mean \pm SEM. * $p < 0.05$ vs. control.

	Control (n=5)	BDL rats (n=9)
Liver homogenate		
Protein (mg/g liver)	190 \pm 9	215 \pm 12
Citrate synthase (μ mol/min/g liver)	12.2 \pm 0.9	10.8 \pm 0.5
Lactate dehydrogenase (μ mol/min/g liver)	315 \pm 22	335 \pm 19
Liver mitochondria		
Mitochondrial protein isolated	26.1 \pm 1.8	22.1 \pm 1.7*
Citrate synthase (nmol/min/mg mitochondrial protein)	163 \pm 10	161 \pm 13
Citrate synthase isolated (μ mol/min/g liver)	4.24 \pm 0.23	3.54 \pm 0.29*
Citrate synthase recovery (%)	34.7 \pm 1.6	32.8 \pm 1.9
Total mitochondrial protein (mg/g liver)	74.9 \pm 7.7	67.1 \pm 5.6
Lactate dehydrogenase (μ mol/min/mg mitochondrial protein)	0.021 \pm 0.002	0.024 \pm 0.002
Contamination with cytosolic protein (mg/mg mitochondrial protein)	0.007 \pm 0.001	0.008 \pm 0.002
Liver cytoplasm		
Cytosolic protein isolated	89.3 \pm 5.7	93.5 \pm 6.0
Lactate dehydrogenase (μ mol/min/mg cytosolic protein)	3.00 \pm 0.20	3.15 \pm 0.14
Lactate dehydrogenase isolated (μ mol/min/g liver)	268 \pm 30	295 \pm 16
Lactate dehydrogenase recovery (%)	85 \pm 3	88 \pm 4
Total cytosolic protein (mg/g liver)	105 \pm 11	106 \pm 8
Citrate synthase (nmol/min/mg protein)	1.62 \pm 0.20	2.42 \pm 0.20*
Contamination with mitochondrial protein (mg/mg cytosolic protein)	0.010 \pm 0.002	0.016 \pm 0.002