

SUPPLEMENTARY FIGURE LEGENDS

Table S1

Echo analysis three weeks after TAC or SHAM surgery.

Figure S1

Representative immunoblot of skeletal muscle GLUT4 levels at sarcolemmal fractions from patients with NIDDM or LVD as compared to controls. Levels were variable but unchanged between the patient groups.

Figure S2

Representative immunoblot of IRS1 protein levels in total cell lysates from heart biopsies of patients with NIDDM or LVD and controls. Levels of IRS1 were unchanged across the patient groups.

Figure S3

Autoradiograph of myocardial IRS1-PI3K activity in TAC vs. controls (n = 3) as determined by *in vitro* kinase assay.

Figure S4

Representative immunoblots of myocardial phospho-AMPK (top panel), AMPK (middle panel) and GAPDH (lower panel) expression in TAC-induced and sham operated mice.

Supplementary Data

Table 1

ECHO ANALYSIS 3 WEEKS AFTER TAC OR SHAM

Treatment	Wall Thickness (mm) (PWT + IVS/2)	Fractional Shortening (%)	Left Ventricular Diastolic Dimension (mm)
SHAM (n=3)	1.01 +/- 0.092	71 +/- 3	2.43 +/- 0.057
TAC (n=3)	1.34 +/- 0.043 ** (p= 0.0013)	57 +/- 11 (p = 0.09)	2.54 +/- 0.297 (p = 0.56, ns)

