**Figure S1:** Glucose and fatty acid oxidation were determined by perfusing hearts with [U-14C]glucose and [9,10-3H]palmitate, respectively. Total myocardial 14CO2 production and 3H2O production were determined every 10 min. Rates expressed as μmol/g dry wt/min were calculated for each time interval and were averaged for aerobic equilibration (aerobic) and postischemic (reperf) periods.

ff-IR; untreated early diabetic hearts (N=10), ff-IR/SEV; early diabetic hearts exposed to 2 vol.-% sevoflurane (N=10), and ff-IR/IL; early diabetic hearts treated with 1% Intralipid® at the onset of reperfusion (N=6). Data are expressed as mean ± SD and were analyzed by two-way repeated measures ANOVA.