Supplementary Figure 1. Plasma glucagon (A) and blood glucose (B) concentration before and after 2DG challenge. Data are means ± SE.

Supplementary Figure 2. H₂O₂ production of isolated skeletal muscle mitochondria with different mitochondrial substrates. Data are means ± SE.
Supplementary Figure 3. Total SOD (A) and GPX (B) activity in skeletal muscle and adipose tissue. Data are means ± SE.

Supplementary Figure 4. Representative blots and quantification of phospho-Akt and total Akt in muscle from low fat and high fat fed WT and SOD1 null mice. Data in quantification are means ± SE.