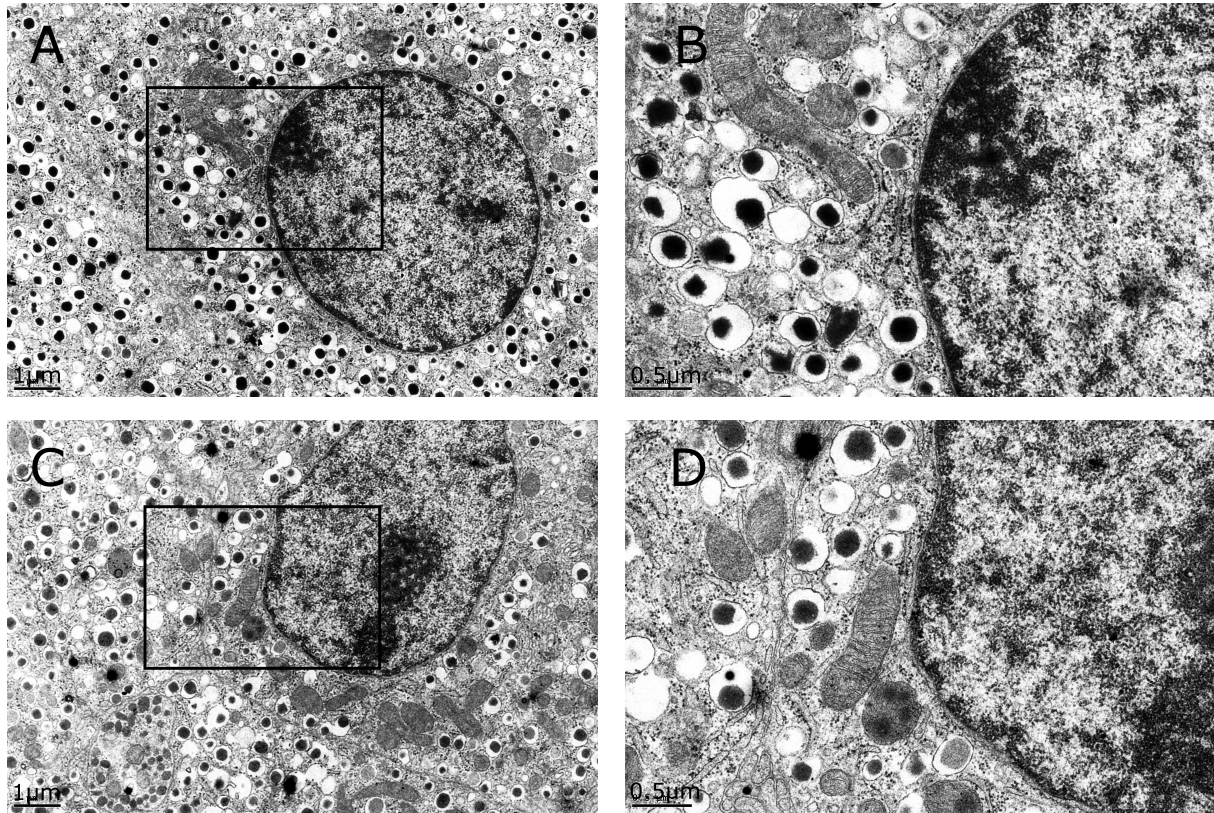


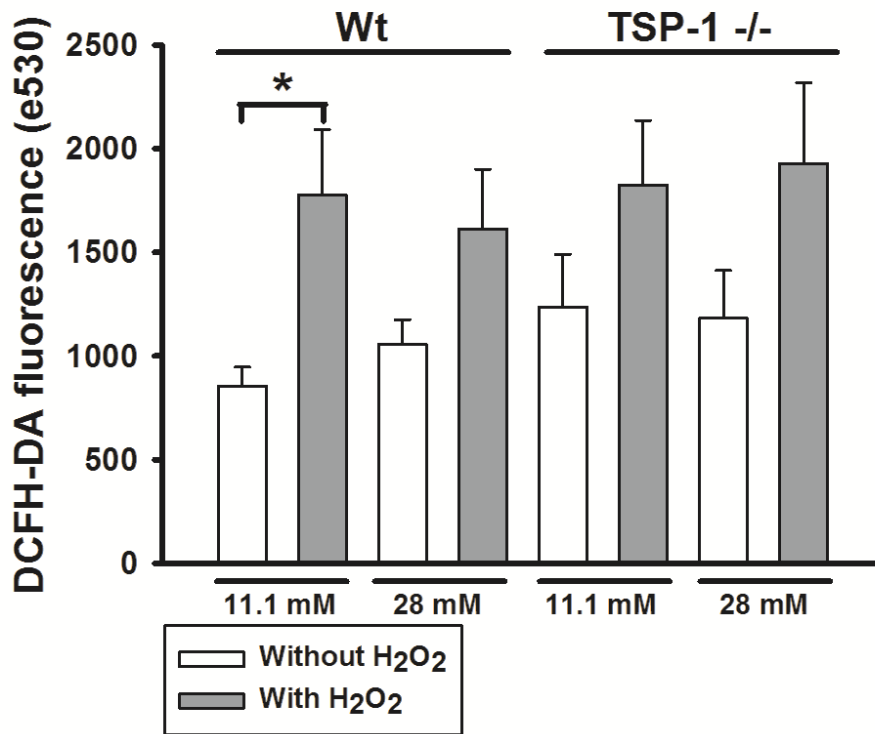
SUPPLEMENTARY DATA

Supplementary Figure 1. Transmission electron microscopical images of beta-cells in wild-type (A-B) and TSP-1 (-/-) mice (C-D) showing normal mitochondrial and endoplasmic reticulum ultrastructure. Images B and D are magnifications of ultrastructures within the marked field in A and C, respectively. Scale bars in A and C are 1 μ m, and in B and D 0.5 μ m.



SUPPLEMENTARY DATA

Supplemental Figure 2. Effects of high glucose on dichlorofluorescein-diacetate (DCFH-DA) fluorescence in wild-type or TSP-1 (-/-) islets in the presence or absence of 100 $\mu\text{mol/L}$ H_2O_2 (n=6 animals in each group). * denotes $P < 0.05$.



Supplemental Figure 3. Encapsulated neonatal islets implanted intraperitoneally and retrieved two months posttransplantation. Blood vessels were stained with *Bandeiraea Simplicifolia* (red). Sections were counterstained for hematoxylin. Scale bar 50 μm

