



Supplementary Figure 1: The effect of LC-SFA, increasing in carbon chain length, on rodent β -cell viability. INS-1E cells were treated with vehicle [$0 \mu\text{M}$] or $250\mu\text{M}$ of C15:0, C16:0, C17:0 or C19:0 for 24h. Cell death was assessed using flow cytometry after staining with propidium iodide. Dots represent individual data points from a minimum of three independent experiments and the histograms represent mean values + SEM. *** $p < 0.001$ relative to vehicle [$0 \mu\text{M}$].