Supplementary Figure S2

Complementary information on gene expression analysis in INS-1E and INS-rβ cells:

S2A) RT-qPCR analysis of MafA following Menin inhibition and acute glucose stimulation. Two days after seeding, INS-1E cells were transfected as in Figure2); after 36h, they were starved overnight in 0.1mM glucose and next stimulated in 11mM glucose medium, before being harvested and analyzed by RT-qPCR as in Fig3.

S2B) RT-qPCR analysis of MafA following Menin inhibition and acute glucose stimulation in INS-rβ cells. As above except the cell line was changed

S2C) The effect on MafA mRNA stability. INS-rβ cells were transfected as above. After 48h, the cells were treated with actinomycin D and harvested at the indicated time points. The relative levels of MafA mRNA were measured by RT-qPCR as above. The time point T0 was arbitrarily selected to be 1