Supplementary Figure 1. Fasting blood glucose after PDL. NS: non-significant. N=5.
**SUPPLEMENTARY DATA**

**Supplementary Figure 2.** β-cell mass and proliferation in the head part of the pancreas after PDL. (A-E) Representative images of immunohistochemistry for insulin (INS; green) and BrdU (red). HO: Hoechst nuclear staining. (F-G) Quantification of β-cell mass (F) and BrdU+β-cells in the PDL-head at serial time points after PDL. NS: non-significant. N=5. Scale bars are 50μm.
Supplementary Figure 3. Changes in β-cell-specific transcription factors and EMT-genes in β-cells from PDL-tail. Representative Western blots are shown. Densitometry of Western blots was quantified with NIH ImageJ software. The relative protein levels (shown on the top of the gel) were obtained through sequential normalization to the protein loading control (GAPDH) and the highest value in the group. Protein of ZEB2 and Slug was undetectable.