

Figure S3. Nkx2.2<sup>SDmut/Cre</sup> neonates continue to show a loss of  $\beta$  cells and altered islet formation at P2. (A) Nkx-2.2<sup>SDmut/Cre</sup> mutant islets show reduced INS+ cells combined with an overrepresentation of GCG+, GHR+, and SST+ populations. (B) qRT-PCR analysis of Ins1 and Ins2 confirms the decreased  $\beta$  cell generation in Nkx2.2<sup>SD-mut/Cre</sup> animals. Data are presented as mean  $\pm$  SEM. \*\*\*p<0.001, \*\*\*\*p<0.0001. n's are indicated by data points. Scale bars represent 50µm.