



Figure S2. Endocrine specification at E12.5 and endocrine progenitor generation at E15.5 appear normal in $Nkx2.2^{SDmut/Cre}$ animals. (A) PDX1, GCG, and GHR expression is similar between $Nkx2.2^{Cre/+}$ (WT/Cre) and $Nkx2.2^{SDmut/Cre}$ (SDmut/Cre) embryos at E12.5. $n = 2$. (B-C) NEUROG3 protein (B) and mRNA (C) expression are comparable between $Nkx2.2^{Cre/+}$ (WT/Cre) and $Nkx2.2^{SDmut/Cre}$ (SDmut/Cre) pancreata at E15.5. Transcript levels of Neurog3 were obtained from the RNA-seq described in Figure 3. $n = 3-4$. Data are presented as mean \pm SEM. ns, not significant. Scale bars represent 50 μ m.