

Figure S4. Stalled β cell precursors do not undergo apoptosis at E18.5 but are largely absent from P2 $Nkx2.2^{SD-mut/Cre}$ animals. (A) NKX6.1+INS- β precursors in $Nkx2.2^{SDmut/Cre}$ embryos are not TUNEL+ at E18.5. (B) Immunostaining at P2 demonstrates that NKX6.1 expression in $Nkx2.2^{SDmut/Cre}$ mice is mainly confined to INS+ cells. NKX-6.1+CHGA- β precursors are rarely visible. (C) Nkx6.1 and ChgA transcript levels are decreased in P2 mutants. Data are presented as mean \pm SEM. *p<0.05. n = 3-4. Scale bars represent 50 μ m.