

Table S1. Quantification of pancreatic transcription factors

Genotype	E-cad ⁺	Pdx1 ⁺	BrdU ⁺ Pdx1 ⁺	Ki67 ⁺ E-cad ⁺	Ki67 ⁺ Isl1 ⁺ Vim ⁺
<i>Cdk4</i> ^{+/+}	251±21	201±11	52±3	175±7	11±1
<i>Cdk4</i> ^{-/-}	181±2*	145±6*	30±1*	125±9*	7±1*
<i>Cdk4</i> ^{R24C}	273±15	222±6	57±2*	253±22*	16±4

At E12.5, a quantitative single and colabeling marker analysis was performed on pancreases of the indicated genotypes. By immunofluorescence assay, positive cells were counted on serial sections of pancreas. The numbers presented correspond to the average number of positive cells per section. $n>3$; *, $P<0.05$, relative to *Cdk4*^{+/+} pancreas.