



ESM Fig. 1: (a) Expression of PW1 (red) and NGN3 (green) in E14.5 mouse pancreas. Only very rare cells co-express both proteins (yellow arrow). Scale bar: 100 μ m. (b) Far most NGN3⁺ cells are hormone⁻ and PW1⁻ while most of PW1⁺ cells are hormone⁺ (here GCG in blue). Scale bars: 50 μ m. (c) At E15.5, E-cadherin expression decreases in PW1⁺ cells (red) near ducts during endocrine cell specification (dashed yellow line). Scale bars: 100 μ m. (d) PW1 (red) is detected in NGN3 (green) null mouse at E11 and E14.5 but not at E17. Scale bars: 100 μ m.