ESM Fig. 12 *Kdr* (*Vegf-R2*) is only expressed in the endothelial cell fraction within the embryonic pancreas. 

(a) Flow cytometry of pancreatic cells obtained from wild-type embryos (E18.5) and stained for CD45, PECAM1, Ep-CAM and E-Cadherin. The left panel is gated on live cells and displays hematopoietic cells (*i.e.* CD45(+)%), endothelial cells (*i.e.* CD45(-) PECAM1(+)) and a double negative population (CD45(-) PECAM1(-)). The right panel gated on (CD45(-) PECAM1(-)) shows epithelial cells (*i.e.* CD45(-) PECAM1(-) Ep-cam(+)) and a population enriched in mesenchymal cells (*i.e.* CD45(-) PECAM1(-) Ep-Cam(-)).

(b) RT-PCR quantification of VE-Cadherin (*VE-Cad*), *Pdx1*, *Sfrp1*, and *Kdr* mRNA expression in different sorted cell populations. Data shown are from three independent experiments.