



Supplementary information, Figure S10 Fate mapping of coronary endothelial cells from various cardiac lineages. **(A)** 1st heart field-derived cells (Nkx2-5-traced) do not contribute ECs to the coronary vasculature. **(B)** No cells from the Wnt-1-expressing neural crest lineage give rise to coronary ECs. **(C, D)** Epicardium-derived cells labeled with $Wt1^{GFP-Cre/+}$ or $Wt1^{CreERT2/+}$ do not contribute to coronary ECs (white arrowheads, upper panels), contribute heavily to vascular smooth muscle (yellow arrowheads, lower panels). Percentage of lineage-traced coronary ECs are printed in the upper right hand corner of high magnification views. Black bar = 500 μ m; white bar = 100 μ m.