



Figure S2. Quantification of Pecam1 and SMA staining of sectioned aortas. Staining of Pecam1 and SMA was quantified by measuring the number of pixels with a set intensity and normalizing to vessel circumference. (A) At E10.5, the *Notch2*^{-/-} ($N2^{-/-};N3^{+/+}$) and *Notch2*^{-/-};*Notch3*^{-/-} ($N2^{-/-};N3^{-/-}$) embryos exhibit less SMA-positive staining intensity. (B) At E11.5, both Pecam1 and SMA expression is significantly reduced in the *Notch2* and double mutant aortas. *Notch2*^{-/-};*Notch3*^{-/-} embryos show an even greater loss of SMA expression compared to the *Notch2*^{-/-} mice. $P < 0.05$, * compared to wildtype control, # compared to *Notch2*^{-/-}.