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−/−.