



**Figure S1. Hematoxylin and eosin staining of transverse sections of E10.5 embryos through the descending aorta.** The overall structure of blood vessels appears relatively normal in the single mutant *Notch2*<sup>-/-</sup> ( $N2^{-/-};N3^{+/+}$ ), *Notch3*<sup>-/-</sup> ( $N2^{+/+};N3^{-/-}$ ) and double mutant, *Notch2*<sup>-/-</sup>;*Notch3*<sup>-/-</sup> ( $N2^{-/-};N3^{-/-}$ ) embryos. 40X magnification.