



Figure 7 – figure supplement 1. *NOX4* and *HIF-1 α* immunofluorescence in descending thoracic aorta (DT) and aortic arch (AA). Mice were anesthetized and perfused with fixative prior to immunofluorescence staining. **A.** *NOX4* has higher fluorescence in the AA than DT. **B.** Quantification of fluorescence 26-50 cells per region per mouse. **C.** *HIF-1 α* has higher nuclear fluorescence in AA than DT. **D.** Quantification of *HIF-1 α* nuclear fluorescence 37-64 cells per region per mouse. Scale bar: 10 μ m. ** $p < 0.005$, *** $p < 0.0005$ by non-parametric Kolmogorov-Smirnov test.