



Supplementary Figure 5. Mural cells associated with lymphatic vessels of *Foxc2*^{-/-} mice express the PC marker NG2. (a-f) Whole mount staining of E17.5 skin for Pecam-1 (green) and NG2 (red). Lymphatic vessels (arrows) can be identified as large vessels with an irregular lumen, forming a honeycomb-like network. hf, hair follicle. (g-i) NG2 and SMA are expressed in partially overlapping populations of lymphatic periendothelial cells only in the *Foxc2*^{-/-} mice. Whole mount staining of E17.5 mouse skin from *Foxc2*^{-/-} embryos for NG2 (green) and SMA (red). The lymphatics in the *Foxc2*^{-/-} embryos are recognized as characteristic irregular large vessels outlined by the SMA positive cells. Bar, 50 μ m.