Occludin, ZO1, Claudin-5 at E17.5 and P0

Zippers at E17.5

Buttons at P0

Supplemental Figure 1. Tight junction and adherens junction proteins in endothelial cells of lymphatics at E17.5 and P0. Confocal images of lymphatic endothelial junctions in tracheal whole mounts at E17.5 or P0 after staining for the adherens junction protein VE-cadherin and/or tight junction-associated proteins occludin, ZO-1, or claudin-5. Occludin (A-B, red), ZO-1 (E-F, red), and claudin-5 (I-J, red) colocalized with VE-cadherin (green) at zippers at E17.5. Occludin (C-D, red), ZO-1 (G-H, red), and claudin-5 (K-L, red) colocalized with VE-cadherin (green) at primitive buttons at P0. Scale bar: 20 μm.