



Primary arterial branches Secondary arterial branches Tertiary arterial branches

Figure S4. Expression of Trangelin1 in vascular mural cells. Retinal flat mounts of middle-aged (18 months old) wild type and pdx1-/- zebrafish stained for Transgelin1 expression (red). Primary arterial branches, secondary arterial branches and tertiary arterial branches are outlined with dashed lines in different colors as indicated. Size bars indicate 50  $\mu$ m.