Supplementary Figure 6

**DWnt4 expression in the glia, retina and early lamina**

(a) An anterior view of the optic lobe showing *DWnt4-lacZ* expression (*placW*<sup>553</sup>, magenta) and Repo-positive glia cells (blue). *DWnt4* is expressed in the medulla glia layer. eg, epithelial glia; mg, marginal glia; meg, medulla glia. (b) DWnt4 expression in the retina. Co-expression with a pan-neural marker, Elav (blue), and the R7/cone cell marker, Pros (green), indicates DWnt4 (magenta) is expressed in a subset of R7 cells (arrows). (c) DWnt4 expression in the prospective lamina at early third instar. Lamina precursor cells visualized by Dac (blue) and R axons visualized by *GMR-Gal4 UAS-GFP* are not found at this stage. Nevertheless, DWnt4 expression (magenta) is found at the prospective future ventral lamina (arrow). Bolwig’s nerves visualized by *GMR-Gal4 UAS-GFP* are indicated by an arrowhead (green). Scale bars are 50 µm (a, b) and 76 µm (c).