Supplemental Figure 5.

A-H - Pseudotime plots visualizing FSC differentiation trajectory. Each dot represents a cell and is color-coded according to: A - 'Pseudotime' as shown in scale; B - Cluster identity as shown in legend; C - eya expression as shown in scale; D - *AdamTS-A* expression as shown in scale; E - *upd1* expression as shown in scale; F - *CG10311* expression as shown in scale; G - *if* expression as shown in scale; H - *CG6044* expression as shown in scale. I - Heatmap visualizing expression of two putative FSC markers *if* and *CG6044*. Red indicates high and blue low relative expression as shown in scale. Early timepoints are on the left and late on the right. J, K - mRNA in situ hybridization using HCR. *Fas3* (cyan) is expressed in FCs, Dapi (white) labels cell nuclei. FCs have characteristic elongated nuclei, while GCs have rounded nuclei. Scale bars - 10 µm. J - *if* (magenta, grayscale) is expressed in FSCs, pre-FCs, and sparsely and at low levels in ECs. K - *CG6044* (magenta, grayscale) is expressed predominantly in pre-FCs, with lower levels in FSCs.