



Figure S2 The defects in *Nop56* RNAi optic lobes do not result from the eye. Brain lobes with attached eye imaginal discs were dissected from late-third instar larvae cultured at 31°, and stained with the markers indicated. (A) Wild type eye disc and optic lobe. (B) *c768-Gal4/UAS-Nop56^{RNAi}* eye disc having a normal number of differentiated photoreceptors (B1, B2) projected to a smaller lamina (B3). (C) *c855a-Gal4/UAS-Nop56^{RNAi}* eye disc having a normal number of differentiated photoreceptors (C1, C2) projected to an enlarged lamina (C3). (D) *GMR-Gal4/UAS-Nop56^{RNAi}* eye disc and optic lobe developed normally. Lateral view, anterior is to the left, dorsal is up. Scale bar: 40µm.