



Figure S2. *RluA-1* expression in the adult brain of *Drosophila melanogaster*. **(A).** *RluA-1* gene expression pattern in adult brain expressing *40xUAS-mCD8::GFP* under *RluA-1^{GAL4}* driver. GFP positive signals labeled the optical lobe photoreceptor neurons and unidentified clusters of neurons in the brain. Scale bar = 100 μ m. **(B).** In *RluA-1-GFSTF* line, the GFP positive signals are detected in the cell bodies of neurons in optical lobes and unidentified neuron clusters in the adult brain, counter-stained with the presynaptic marker nc82 (anti-Bruchpilot) (B¹, GFP, green; B²: nc82, magenta; B³: merged). Scale bar = 50 μ m.