



**Figure S1** Reporter gene expression patterns for 30 insertions with expression in neurons. Each line was crossed to *UAS-mCD8::GFP* prior to isolation of the CNS at the wandering 3rd instar larval stage, and representative confocal z-series projections of fixed tissues are shown. Arrowheads indicate expression in the ring gland, and asterisks denote expression in the mushroom bodies. Scale bar: 50 $\mu$ m.