A *HC-Gal4,UAS-trans-Tango/QUAS-mtdTomato;QUAS-FRT-stop-FRT-GtACR2.EYFP*

GtACR2.EYFP   mtdTomato   merge

B *HC-Gal4,UAS-trans-Tango/QUAS-mCD8-GFP; QUAS-FRT-stop-FRT-CsChrimson.mCherry*

CsChrimson.mCherry   GFP   merge

S7 Fig. Removal of *hs-FLP* eliminates the leaky expression.

(A) The expression of GtACR2.EYFP and mtdTomato in *HC-Gal4,UAS-trans-Tango/QUAS-mtdTomato;QUAS-FRT-stop-FRT-GtACR2.EYFP*. Cyan arrows: four tracts of postsynaptic PNs labeled by mtdTomato. Scale bar: 100 μm.

(B) The expression of CsChrimson.mCherry and GFP in *HC-Gal4,UAS-trans-Tango/QUAS-mCD-GFP;QUAS-FRT-stop-FRT-CsChrimson.mCherry*. Cyan arrows: four tracts of postsynaptic PNs labeled by GFP. Scale bar: 100 μm.