



Figure S3. “Reversed” imaginal disc ET-FLPx2 lines show the expected GAL4 expression patterns in larval CNS tissues. A) Larval brain and ventral nerve cord from a *nubGAL4; UAS-GFP* individual. White box shows the area of neuron quantification in TG and TSG crosses using ET-FLPx2 187A. **B)** Cell counts of GAL4-expressing cells in the larval brain. “*nub*” denotes the *nubGAL4* driver. TSG crosses in the larval brain using 187A show broader GAL4 expression compared to TG crosses as expected from the FINGR method. Boxplots show interquartile range (IQR), black horizontal lines show the median of each sample, whiskers show either the extreme values or $\pm 1.5 \times \text{IQR}$, black dots represent outlier values.