

Hui-Yun Chang 張慧雲—果蠅神經遺傳學實驗室

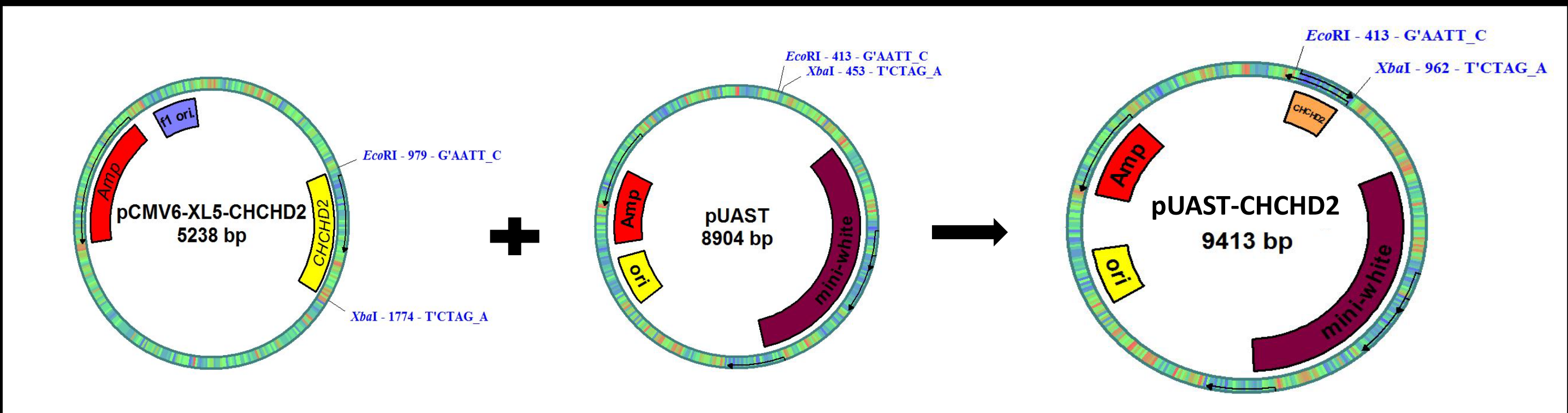


Drosophila Neuron Genetic Laboratory

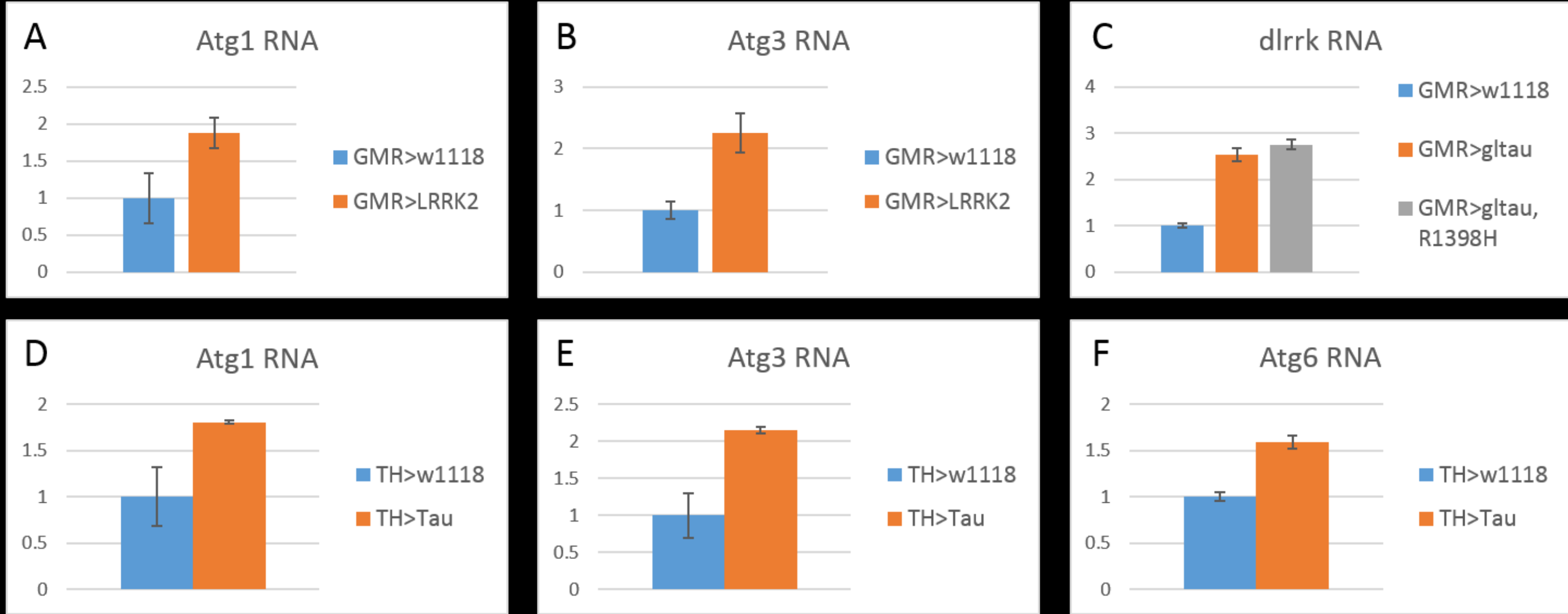
Research Outline

- 1. Transporter mechanism of synaptic transmission
- 2. Animal behavioral analysis of genetic manipulated normal and abnormal transgenic animals
- 3. Signaling transduction mechanism of neuron development
- 4. Exploring the Gene-Environment Interaction of Parkinson's disease and Psychiatric diseases
- 5. Receptor sensitivity and drug response

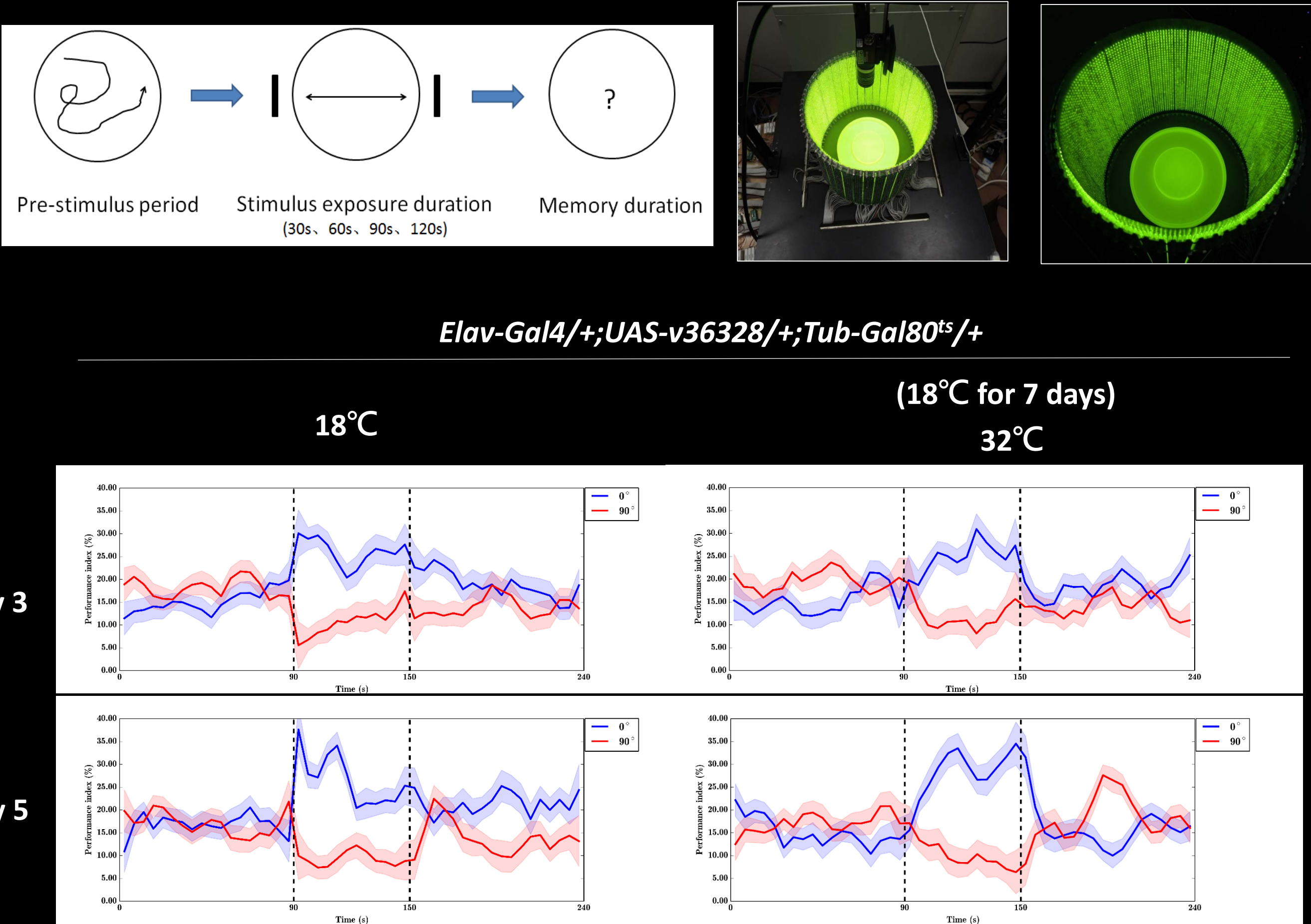
Molecular cloning



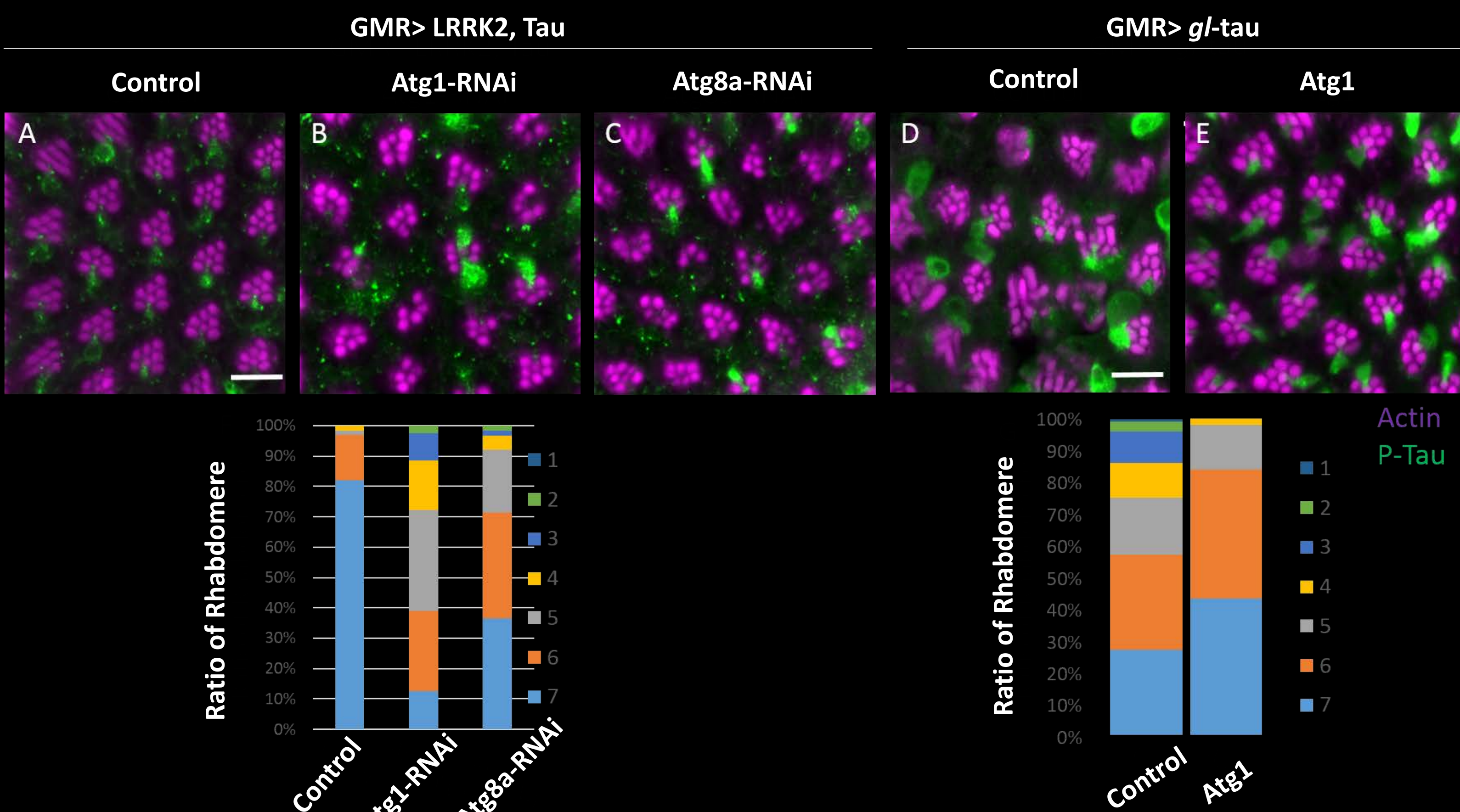
qPCR



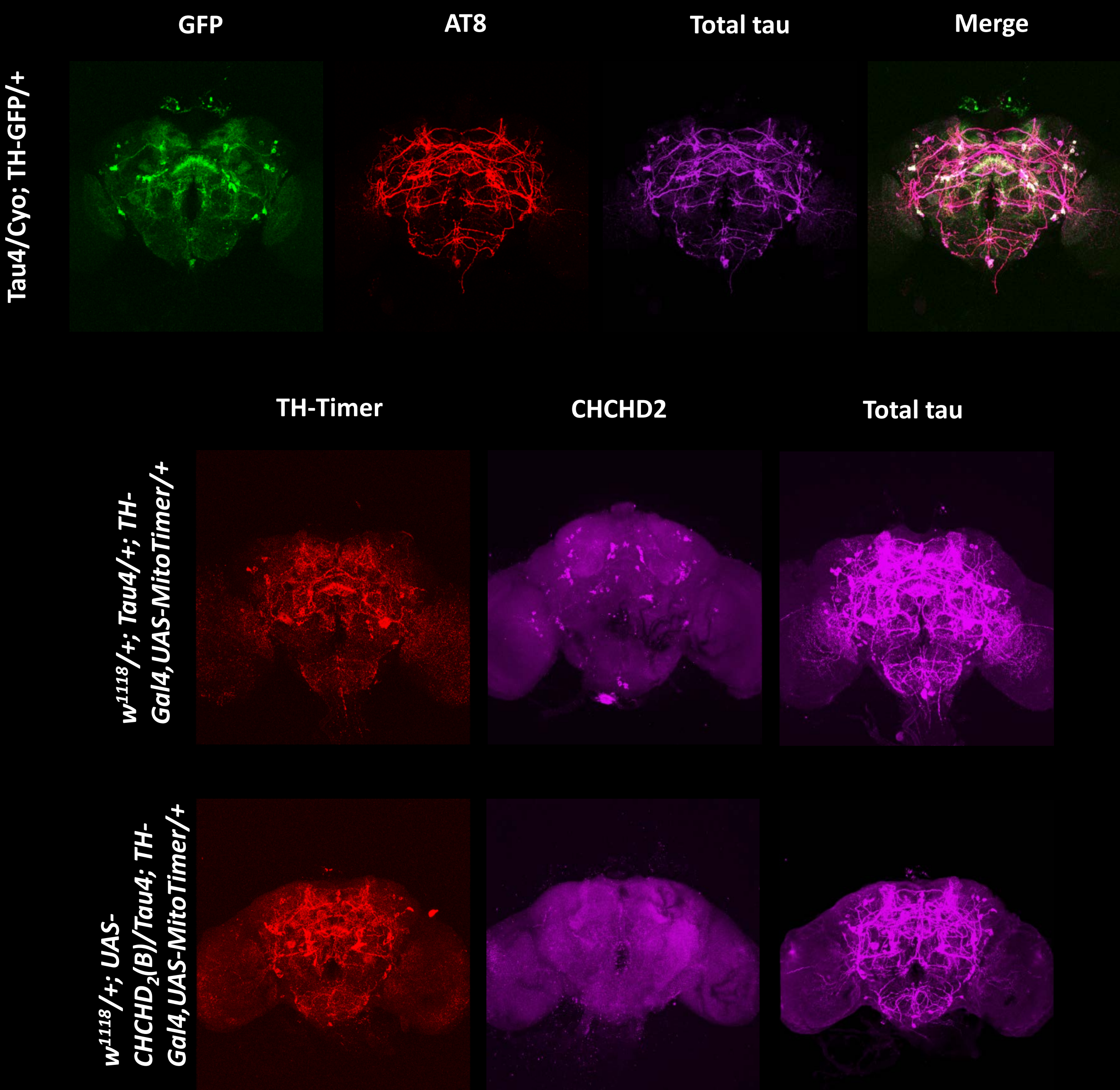
Spatial memory



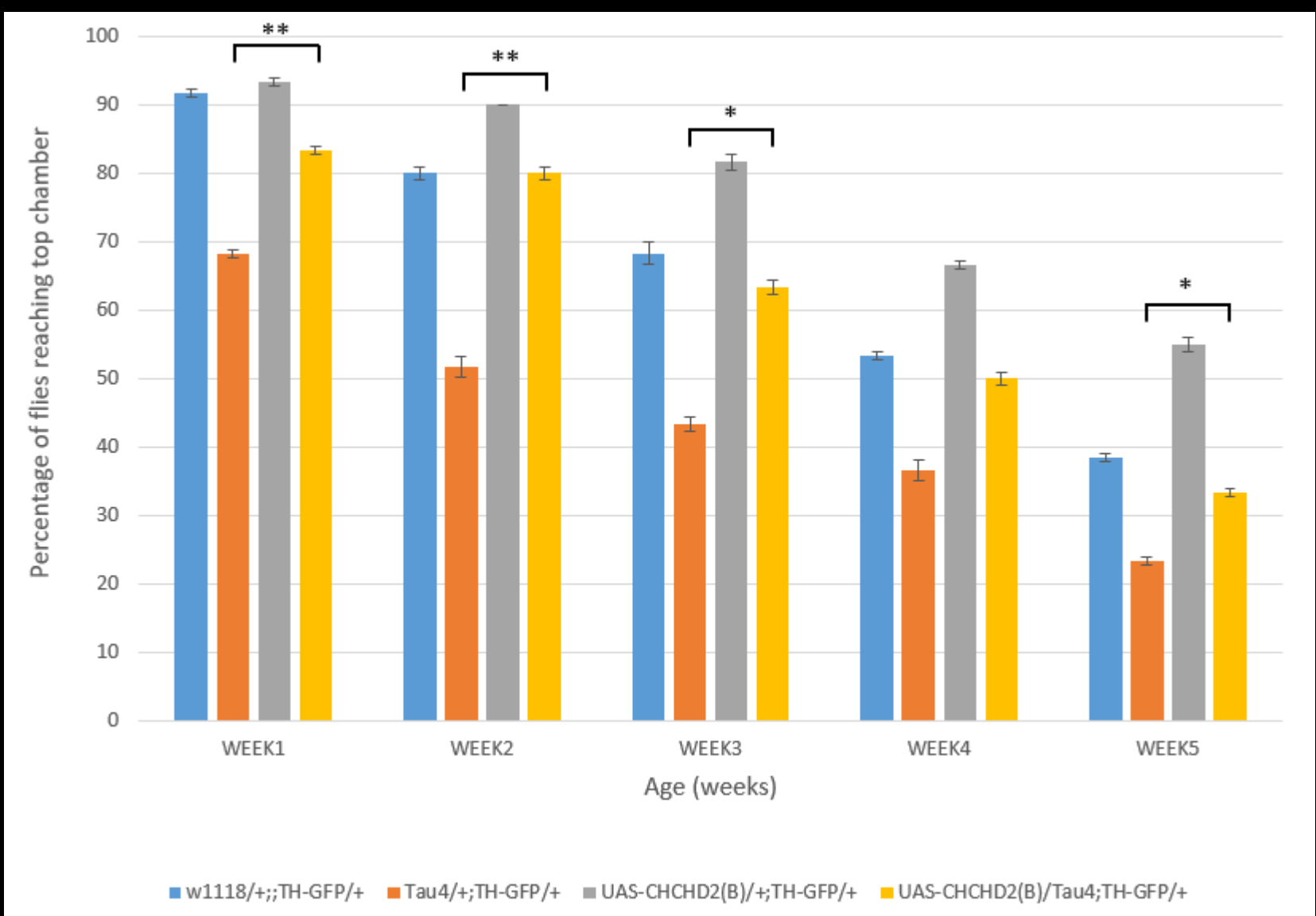
Eye dissection



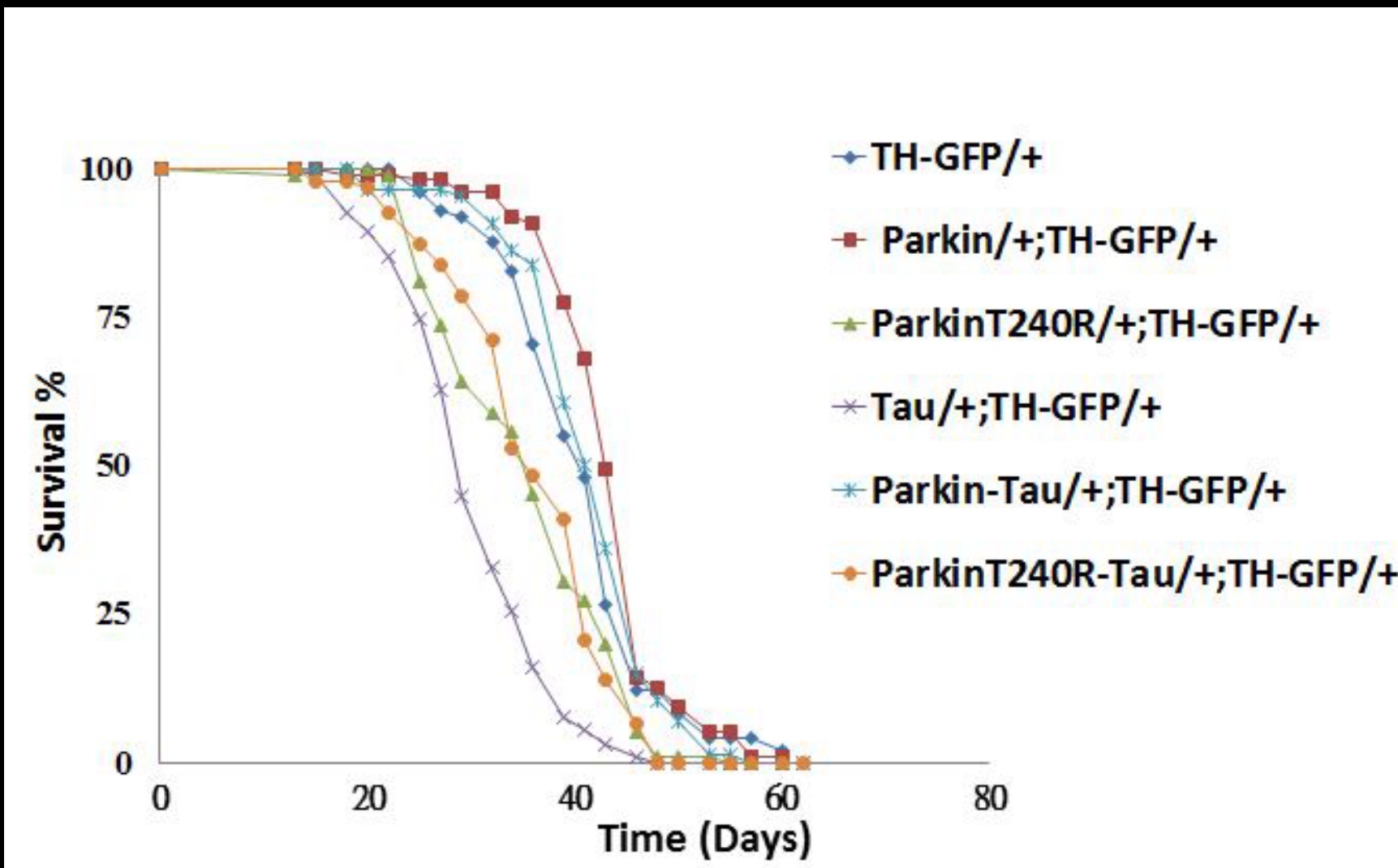
Brain dissection



Climbing assay



Lifespan assay



Tau VS LRRK2 VS autophagy

