

Maximum intensity projections of confocal imaging stacks of Drosophila central and ventral nervous systems (CNS and VNC). Key GAL4 driver flies used in the functional experiments are shown expressing GFP (grey) in neurons of interest. Scalebar, 100µm. Due to COV-ID-19 enforced restrictions, we direct readers to the below listed publicly accessible databases for details/images of the other lines used in this study.

Name	Collection	CNS and VNC
GMR58E02-GAL4	FlyLight	For FlyLight and Vienna Tile lines:
GMR88F08	FlyLight	https://www.janelia.org/project-team/flylight/tools-and-rea-
GMR66C08	FlyLight	gents
MB320C-GAL4	FlyLight	
MB315C-GAL4	FlyLight	
VT006202-GAL4	Vienna Tiles	For the InSite Collection:
0104-GAL4	InSite	http://www.columbia.edu/cu/insitedatabase/
0804-GAL4	InSite	(W. Grueber and T. Clandinin Labs)