# Resource Summary Report

Generated by RRID on Aug 1, 2026

## w[1118]; P{y[+t7.7] w[+mC]=GMR82E12-GAL4}attP2

RRID:BDSC_40153
Type: Organism

### Proper Citation

RRID:BDSC_40153

### Organism Information

**URL:** https://n2t.net/bdsc:40153

**Proper Citation:** RRID:BDSC_40153

**Description:** Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR82E12-GAL4}attP2 from BDSC.

**Species:** Drosophila melanogaster

**Notes:** See https://bdsc.indiana.edu/stocks/gal4/gal4_janelia_info.html for important information. Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

**Affected Gene:** CR4575, GAL4, w

**Genomic Alteration:** Chromosome 1, Chromosome 3

**Catalog Number:** 40153

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC_40153, BL40153

**Organism Name:** w[1118]; P{y[+t7.7] w[+mC]=GMR82E12-GAL4}attP2

**Record Creation Time:** 20240911T222643+0000

**Record Last Update:** 20260725T195417+0000

### Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR82E12-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR82E12-GAL4}attP2.

## Data and Source Information

**Source:** Integrated Animals

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

## Usage and Citation Metrics

We found 9 mentions in open access literature.

**Listed below are recent publications.** The full list is available at RRID .


Meng Z, et al. (2025) Neurexin regulates mechanical nociceptive sensitization by central inhibition in Drosophila. Science advances, 11(51), eadz9682.

Zhou G, et al. (2025) An improved FLARE system for recording and manipulating neuronal activity. Cell reports methods, 5(4), 101012.

Patel AA, et al. (2025) Neural substrates of cold nociception in Drosophila larva. eLife, 12.

Kaneko T, et al. (2024) Transsynaptic BMP Signaling Regulates Fine-Scale Topography between Adjacent Sensory Neurons. eNeuro, 11(8).

Pan G, et al. (2023) Cross-modal modulation gates nociceptive inputs in Drosophila. Current biology : CB, 33(7), 1372.

Patel AA, et al. (2023) Neural substrates of cold nociception in Drosophila larva. bioRxiv : the preprint server for biology.

Hu Y, et al. (2020) A Neural Basis for Categorizing Sensory Stimuli to Enhance Decision Accuracy. Current biology : CB, 30(24), 4896.

Tenedini FM, et al. (2019) Maintenance of cell type-specific connectivity and circuit function requires Tao kinase. Nature communications, 10(1), 3506.

Kaneko T, et al. (2017) Serotonergic Modulation Enables Pathway-Specific Plasticity in a Developing Sensory Circuit in Drosophila. Neuron, 95(3), 623.