

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR28E01-GAL4}attP2](#)

RRID:BDSC_49457

Type: Organism

Proper Citation

RRID:BDSC_49457

Organism Information

URL: <https://n2t.net/bdsc:49457>

Proper Citation: RRID:BDSC_49457

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR28E01-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: GAL4, Lmpt, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 49457

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_49457, BDSC:49457, BL49457

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR28E01-GAL4}attP2

Record Creation Time: 20240911T222741+0000

Record Last Update: 20260905T140625+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR28E01-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR28E01-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Yan W, et al. (2023) Subtype-Specific Roles of Ellipsoid Body Ring Neurons in Sleep Regulation in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 43(5), 764.

Singh P, et al. (2023) Examining Sleep Modulation by Drosophila Ellipsoid Body Neurons. eNeuro, 10(9).

Li Q, et al. (2021) insomniac links the development and function of a sleep-regulatory circuit. eLife, 10.