

Resource Summary Report

Generated by [dkNET](#) on Aug 12, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR19F01-GAL4}attP2](#)

RRID:BDSC_48852

Type: Organism

Proper Citation

RRID:BDSC_48852

Organism Information

URL: <https://n2t.net/bdsc:48852>

Proper Citation: RRID:BDSC_48852

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR19F01-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, Trpm, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 48852

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_48852, BL48852

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR19F01-GAL4}attP2

Record Creation Time: 20240911T222737+0000

Record Last Update: 20260808T195012+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR19F01-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR19F01-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Wu H, et al. (2026) Afterimages drive a shared visual motion-reversal illusion in Drosophila. bioRxiv : the preprint server for biology.

Delgado KC, et al. (2025) Visual input drives diverse ER calcium signals in neurons in vivo. bioRxiv : the preprint server for biology.

Hao YA, et al. (2024) A fast and responsive voltage indicator with enhanced sensitivity for unitary synaptic events. Neuron.

Gou T, et al. (2024) Adaptation to visual sparsity enhances responses to isolated stimuli. Current biology : CB, 34(24), 5697.

Pagni M, et al. (2021) Interaction of "chromatic" and "achromatic" circuits in Drosophila color opponent processing. Current biology : CB, 31(8), 1687.

Matulis CA, et al. (2020) Heterogeneous Temporal Contrast Adaptation in Drosophila Direction-Selective Circuits. Current biology : CB, 30(2), 222.

Salazar-Gatzimas E, et al. (2018) The Neuronal Basis of an Illusory Motion Percept Is Explained by Decorrelation of Parallel Motion Pathways. Current biology : CB, 28(23), 3748.

Strother JA, et al. (2017) The Emergence of Directional Selectivity in the Visual Motion Pathway of Drosophila. Neuron, 94(1), 168.