

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR31F10-GAL4}attP2](#)

RRID:BDSC_49685

Type: Organism

Proper Citation

RRID:BDSC_49685

Organism Information

URL: <https://n2t.net/bdsc:49685>

Proper Citation: RRID:BDSC_49685

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR31F10-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: CadN, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 49685

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_49685, BDSC:49685, BL49685

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR31F10-GAL4}attP2

Record Creation Time: 20240911T222743+0000

Record Last Update: 20260905T140627+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR31F10-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR31F10-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Pech U, et al. (2025) Synaptic deregulation of cholinergic projection neurons causes olfactory dysfunction across five fly Parkinsonism models. eLife, 13.

Okenve-Ramos P, et al. (2024) Neuronal ageing is promoted by the decay of the microtubule cytoskeleton. PLoS biology, 22(3), e3002504.

Hahn I, et al. (2021) Tau, XMAP215/Msps and Eb1 co-operate interdependently to regulate microtubule polymerisation and bundle formation in axons. PLoS genetics, 17(7), e1009647.

Qu Y, et al. (2019) Efa6 protects axons and regulates their growth and branching by inhibiting microtubule polymerisation at the cortex. eLife, 8.

Enriquez J, et al. (2018) Differing Strategies Despite Shared Lineages of Motor Neurons and Glia to Achieve Robust Development of an Adult Neuropil in Drosophila. Neuron, 97(3), 538.