

Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR77A03-GAL4}attP2](#)

RRID:BDSC_39944

Type: Organism

Proper Citation

RRID:BDSC_39944

Organism Information

URL: <https://n2t.net/bdsc:39944>

Proper Citation: RRID:BDSC_39944

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR77A03-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, VGlut2, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 39944

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_39944, BDSC:39944, BL39944

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR77A03-GAL4}attP2

Record Creation Time: 20240911T222642+0000

Record Last Update: 20260912T203740+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR77A03-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR77A03-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](#) .

Sakr R, et al. (2026) NimA promotes cell adhesion at the blood brain barrier of the Drosophila nervous system. EMBO reports, 27(7), 1648.

Das A, et al. (2025) Peroxisomal import is circadian in glia and regulates sleep and lipid metabolism. bioRxiv : the preprint server for biology.

Zhang C, et al. (2022) EGFR signaling activates intestinal stem cells by promoting mitochondrial biogenesis and ??-oxidation. Current biology : CB, 32(17), 3704.

Davis J, et al. (2022) Vexed mutations promote degeneration of dopaminergic neurons through excessive activation of the innate immune response. NPJ Parkinson's disease, 8(1), 147.

Weiss S, et al. (2022) Glial ER and GAP junction mediated Ca²⁺ waves are crucial to maintain normal brain excitability. Glia, 70(1), 123.

Vaughen JP, et al. (2022) Glial control of sphingolipid levels sculpts diurnal remodeling in a circadian circuit. Neuron, 110(19), 3186.

Ordway AJ, et al. (2021) A multi-gene knockdown approach reveals a new role for Pax6 in controlling organ number in Drosophila. Development (Cambridge, England), 148(9).

Gargano JW, et al. (2005) Rapid iterative negative geotaxis (RING): a new method for assessing age-related locomotor decline in Drosophila. Experimental gerontology, 40(5), 386.