

Resource Summary Report

Generated by [dkNET](#) on Aug 14, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR36G02-GAL4}attP2](#)

RRID:BDSC_49939

Type: Organism

Proper Citation

RRID:BDSC_49939

Organism Information

URL: <https://n2t.net/bdsc:49939>

Proper Citation: RRID:BDSC_49939

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR36G02-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: Dgk, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 49939

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_49939, BL49939

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR36G02-GAL4}attP2

Record Creation Time: 20240911T222744+0000

Record Last Update: 20260808T195020+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+7.7] w[+mC]=GMR36G02-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+7.7] w[+mC]=GMR36G02-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

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

Zhao Q, et al. (2024) A two-layer neural circuit controls fast forward locomotion in Drosophila. Current biology : CB, 34(15), 3439.

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

Giachello CNG, et al. (2022) Electrophysiological Validation of Monosynaptic Connectivity between Premotor Interneurons and the aCC Motoneuron in the Drosophila Larval CNS. The Journal of neuroscience : the official journal of the Society for Neuroscience, 42(35), 6724.

Gowda SBM, et al. (2021) Anatomy and Neural Pathways Modulating Distinct Locomotor Behaviors in Drosophila Larva. Biology, 10(2).

Zeng X, et al. (2021) An electrically coupled pioneer circuit enables motor development via proprioceptive feedback in Drosophila embryos. Current biology : CB, 31(23), 5327.

Zarin AA, et al. (2019) A multilayer circuit architecture for the generation of distinct locomotor behaviors in Drosophila. eLife, 8.

Kohsaka H, et al. (2019) Regulation of forward and backward locomotion through intersegmental feedback circuits in Drosophila larvae. Nature communications, 10(1), 2654.

Karagyozev D, et al. (2018) Recording Neural Activity in Unrestrained Animals with Three-Dimensional Tracking Two-Photon Microscopy. Cell reports, 25(5), 1371.

Carreira-Rosario A, et al. (2018) MDN brain descending neurons coordinately activate backward and inhibit forward locomotion. eLife, 7.