

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR11F02-GAL4}attP2](#)

RRID:BDSC_49828

Type: Organism

Proper Citation

RRID:BDSC_49828

Organism Information

URL: <https://n2t.net/bdsc:49828>

Proper Citation: RRID:BDSC_49828

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR11F02-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, pdm2, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 49828

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_49828, BDSC:49828, BL49828

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR11F02-GAL4}attP2

Record Creation Time: 20240911T222743+0000

Record Last Update: 20260919T203255+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR11F02-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR11F02-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Kamiyama T, et al. (2025) Parasitoid wasp venoms degrade Drosophila imaginal discs for successful parasitism. Science advances, 11(5), eadq8771.

Montemurro M, et al. (2025) The mechanical state of pre-tumoral epithelia controls subsequent Drosophila tumor aggressiveness. Developmental cell, 60(7), 1036.

Oi A, et al. (2025) A nonsecretory antimicrobial peptide mediates inflammatory organ damage in Drosophila renal tubules. Cell reports, 44(1), 115082.

Deng X, et al. (2025) Monoacylglycerol acyltransferase maintains ionotropic receptor expression for cool temperature sensing and avoidance in Drosophila. Communications biology, 8(1), 765.

Huang YT, et al. (2024) An unscheduled switch to endocycles induces a reversible senescent arrest that impairs growth of the Drosophila wing disc. bioRxiv : the preprint server for biology.

Hérault C, et al. (2024) Cellular sex throughout the organism underlies somatic sexual differentiation. Nature communications, 15(1), 6925.

Huang YT, et al. (2024) An unscheduled switch to endocycles induces a reversible senescent arrest that impairs growth of the Drosophila wing disc. PLoS genetics, 20(9), e1011387.

Umezaki Y, et al. (2024) Taste triggers a homeostatic temperature control in hungry flies. eLife, 13.

Hecht S, et al. (2022) Mechanical constraints to cell-cycle progression in a pseudostratified epithelium. Current biology : CB, 32(9), 2076.

Loker R, et al. (2022) Divergent expression of paralogous genes by modification of shared enhancer activity through a promoter-proximal silencer. Current biology : CB, 32(16), 3545.

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

Hernandez-Nunez L, et al. (2021) Synchronous and opponent thermosensors use flexible cross-inhibition to orchestrate thermal homeostasis. *Science advances*, 7(35).

di Pietro F, et al. (2021) Rapid and robust optogenetic control of gene expression in *Drosophila*. *Developmental cell*, 56(24), 3393.

Recasens-Alvarez C, et al. (2021) Ribosomopathy-associated mutations cause proteotoxic stress that is alleviated by TOR inhibition. *Nature cell biology*, 23(2), 127.

Kashio S, et al. (2020) Kynurenine Metabolism in the Fat Body Non-autonomously Regulates Imaginal Disc Repair in *Drosophila*. *iScience*, 23(12), 101738.

Suito T, et al. (2020) Functional expression of $\Delta 12$ fatty acid desaturase modulates thermoregulatory behaviour in *Drosophila*. *Scientific reports*, 10(1), 11798.

Kosakamoto H, et al. (2020) Local Necrotic Cells Trigger Systemic Immune Activation via Gut Microbiome Dysbiosis in *Drosophila*. *Cell reports*, 32(3), 107938.

Shinoda N, et al. (2019) Dronc-independent basal executioner caspase activity sustains *Drosophila* imaginal tissue growth. *Proceedings of the National Academy of Sciences of the United States of America*, 116(41), 20539.

Boulan L, et al. (2019) Inter-Organ Growth Coordination Is Mediated by the Xrp1-Dilp8 Axis in *Drosophila*. *Developmental cell*, 49(5), 811.

Budelli G, et al. (2019) Ionotropic Receptors Specify the Morphogenesis of Phasic Sensors Controlling Rapid Thermal Preference in *Drosophila*. *Neuron*, 101(4), 738.