

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 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: 20260905T140629+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.

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

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

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*.

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

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.

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

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.

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

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

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.

Suito T, et al. (2020) Functional expression of Δ^{12} fatty acid desaturase modulates thermoregulatory behaviour in *Drosophila*. *Scientific reports*, 10(1), 11798.

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

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.