

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR71G01-GAL4}attP2](#)

RRID:BDSC_39599

Type: Organism

Proper Citation

RRID:BDSC_39599

Organism Information

URL: <https://n2t.net/bdsc:39599>

Proper Citation: RRID:BDSC_39599

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR71G01-GAL4}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1]. 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, Vsx2, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 39599

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_39599, BL39599

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR71G01-GAL4}attP2

Record Creation Time: 20240911T222640+0000

Record Last Update: 20260818T051112+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR71G01-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR71G01-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Li X, et al. (2026) Sequencing of distinct wing behaviors during Drosophila courtship. Current biology : CB, 36(5), 1291.

Ryba A, et al. (2026) Strain variation identifies a neural substrate for behavioral evolution in Drosophila. Current biology : CB, 36(5), 1247.

Ravindran Nair S, et al. (2026) Sex-specific behavioral feedback modulates sensorimotor processing and drives flexible social behavior. Nature communications, 17(1).

Brand P, et al. (2025) Ecological cues orchestrate concerted courtship in a Drosophila host specialist. bioRxiv : the preprint server for biology.

Ryba A, et al. (2025) Strain variation identifies a neural substrate for behavioral evolution in Drosophila. bioRxiv : the preprint server for biology.

Du C, et al. (2025) Social experience alters behaviors by reprogramming the Fruitless pathway and circadian state in Drosophila. bioRxiv : the preprint server for biology.

Li X, et al. (2025) Sequencing of distinct wing behaviors during Drosophila courtship. bioRxiv : the preprint server for biology.

Kim DH, et al. (2024) Long-term neuropeptide modulation of female sexual drive via the TRP channel in Drosophila melanogaster. Proceedings of the National Academy of Sciences of the United States of America, 121(10), e2310841121.

Yun M, et al. (2024) Male cuticular pheromones stimulate removal of the mating plug and promote re-mating through pC1 neurons in Drosophila females. eLife, 13.

Coleman RT, et al. (2024) A modular circuit coordinates the diversification of courtship strategies. Nature, 635(8037), 142.

Wang R, et al. (2023) Effects of lithium on aggression in Drosophila. Neuropsychopharmacology : official publication of the American College of

Neuropsychopharmacology, 48(5), 754.

Coleman RT, et al. (2023) A modular circuit architecture coordinates the diversification of courtship strategies in *Drosophila*. *bioRxiv : the preprint server for biology*.

Ji X, et al. (2023) Asexuality in *Drosophila* juvenile males is organizational and independent of juvenile hormone. *EMBO reports*, 24(10), e56898.

Wang T, et al. (2022) Drosulfakinin signaling modulates female sexual receptivity in *Drosophila*. *eLife*, 11.

Zhang L, et al. (2022) Nutrients and pheromones promote insulin release to inhibit courtship drive. *Science advances*, 8(10), eabl6121.

Cheriyamkunnel SJ, et al. (2021) A neuronal mechanism controlling the choice between feeding and sexual behaviors in *Drosophila*. *Current biology : CB*, 31(19), 4231.

Bidaye SS, et al. (2020) Two Brain Pathways Initiate Distinct Forward Walking Programs in *Drosophila*. *Neuron*, 108(3), 469.

Moscato EH, et al. (2020) Social Behavioral Deficits with Loss of Neurofibromin Emerge from Peripheral Chemosensory Neuron Dysfunction. *Cell reports*, 32(1), 107856.

Jung Y, et al. (2020) Neurons that Function within an Integrator to Promote a Persistent Behavioral State in *Drosophila*. *Neuron*, 105(2), 322.

Liu W, et al. (2019) Neuropeptide F regulates courtship in *Drosophila* through a male-specific neuronal circuit. *eLife*, 8.