

Resource Summary Report

Generated by [RRID](#) on Jul 30, 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: See https://bdsc.indiana.edu/stocks/gal4/gal4_janelia_info.html for important information. May be segregating TM3, Sb[1]. 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: 20260725T195413+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 18 mentions in open access literature.

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

Brand P, et al. (2025) Ecological cues orchestrate concerted courtship in a Drosophila host specialist. 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.

Ryba A, et al. (2025) Strain variation identifies a neural substrate for behavioral evolution 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.

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.

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.

Seeholzer LF, et al. (2018) Evolution of a central neural circuit underlies *Drosophila* mate preferences. *Nature*, 559(7715), 564.

Zhang SX, et al. (2018) Motivation, Perception, and Chance Converge to Make a Binary Decision. *Neuron*, 99(2), 376.

Watanabe K, et al. (2017) A Circuit Node that Integrates Convergent Input from Neuromodulatory and Social Behavior-Promoting Neurons to Control Aggression in *Drosophila*. *Neuron*, 95(5), 1112.