

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR57C10-GAL4}attP2](#)

RRID:BDSC_39171

Type: Organism

Proper Citation

RRID:BDSC_39171

Organism Information

URL: <https://n2t.net/bdsc:39171>

Proper Citation: RRID:BDSC_39171

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR57C10-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, nSyb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 39171

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_39171, BL39171

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR57C10-GAL4}attP2

Record Creation Time: 20240911T222637+0000

Record Last Update: 20260815T191830+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR57C10-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR57C10-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 67 mentions in open access literature.

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

Zimmerman AJ, et al. (2026) Cell-specific variant-to-gene mapping identifies conserved neural and glial regulators of sleep. bioRxiv : the preprint server for biology.

Harris AL, et al. (2026) Whole brain fluorescence imaging in Drosophila reveals spreading depolarization and its initiation, propagation, and resilience dynamics. iScience, 29(7), 116389.

Hiramatsu S, et al. (2026) Disruption of a selective vesicle pool upon retrograde amnesia dissociates memory at presynaptic terminals. Proceedings of the National Academy of Sciences of the United States of America, 123(10), e2514875123.

Theisen EK, et al. (2026) Lysosomal salvage of neuronal lipids enables glial infiltration of synaptic regions. Neuron, 114(12), 2199.

Ren M, et al. (2026) Glycerol 3-phosphate acyltransferase exacerbates α -synuclein-induced toxicity by increasing lipid peroxidation. Nature communications, 17(1), 1618.

Fiore A, et al. (2025) Live imaging of the extracellular matrix with a glycan-binding fluorophore. Nature methods, 22(5), 1070.

Delandre C, et al. (2025) Dynamic changes in neuronal and glial GAL4 driver expression during Drosophila aging. Genetics, 229(3).

Sobrido-Cameán D, et al. (2025) Mitochondrial ROS and HIF-1 α signaling mediate synaptic plasticity in the critical period. PLoS biology, 23(8), e3003338.

Das A, et al. (2025) Peroxisomal import is circadian in glia and regulates sleep and lipid metabolism. bioRxiv : the preprint server for biology.

Theisen EK, et al. (2025) Glia phagocytose neuronal sphingolipids to infiltrate developing synapses. bioRxiv : the preprint server for biology.

Jiang R, et al. (2025) Regulation of pre-dawn arousal in *Drosophila* by a pair of trissinergic descending neurons of the visual and circadian networks. *Current biology : CB*, 35(8), 1750.

Corke J, et al. (2025) Maturation of GABAergic signalling times the opening of a critical period in *Drosophila melanogaster*. *Scientific reports*, 15(1), 40285.

Koch R, et al. (2025) Examining the potential involvement of NONO in TDP-43 proteinopathy in *Drosophila*. *The European journal of neuroscience*, 61(1), e16632.

Malita A, et al. (2025) Glia-mediated gut-brain cytokine signaling couples sleep to intestinal inflammatory responses induced by oxidative stress. *eLife*, 13.

Zhang T, et al. (2025) Metaxin-2 tunes mitochondrial transportation and neuronal function in *Drosophila*. *Genetics*, 229(2).

Saito K, et al. (2025) Ecdysteroid-DopEcR signaling in neuronal and midgut cells mediates toxin avoidance and detoxification in *Drosophila*. *Current biology : CB*, 35(14), 3418.

Li L, et al. (2025) dFlpTag, a RMCE-based tool for simultaneous endogenous protein tagging and cell labeling in *Drosophila*. *Scientific reports*, 15(1), 45542.

Samara E, et al. (2025) Columnar cholinergic neurotransmission onto T5 cells of *Drosophila*. *Current biology : CB*, 35(6), 1269.

Wang HQ, et al. (2025) *Drosophila* HS dendrites are resilient to adult-onset deficits in mitochondrial dynamics. *bioRxiv : the preprint server for biology*.

Fernandez-Acosta M, et al. (2025) Triggering and modulation of a complex behavior by a single peptidergic command neuron in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 122(11), e2420452122.