

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 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: 20260801T195239+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 58 mentions in open access literature.

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

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.

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

Suarez GO, et al. (2025) Neurofibromin Deficiency Alters the Patterning and Prioritization of Motor Behaviors in a State-Dependent Manner. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 45(16).

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.

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

Ichinose T, et al. (2024) Translational regulation enhances distinction of cell types in the nervous system. *eLife*, 12.

Fiore A, et al. (2024) Imaging the extracellular matrix in live tissues and organisms with a glycan-binding fluorophore. *bioRxiv : the preprint server for biology*.

Mao R, et al. (2024) Conditional chemoconnectomics (cCCTomics) as a strategy for efficient and conditional targeting of chemical transmission. *eLife*, 12.

Decet M, et al. (2024) A candidate loss-of-function variant in *SGIP1* causes synaptic dysfunction and recessive parkinsonism. *Cell reports. Medicine*, 5(10), 101749.

Shiozaki HM, et al. (2024) Activity of nested neural circuits drives different courtship songs in *Drosophila*. *Nature neuroscience*, 27(10), 1954.