

Resource Summary Report

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[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR57C10-GAL4}attP2](https://n2t.net/bdsc:39171)

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: 20250331T212257+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 40 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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

Brown EB, et al. (2023) Neurofibromin 1 mediates sleep depth in *Drosophila*. *PLoS genetics*, 19(12), e1011049.

Jacquemyn J, et al. (2023) Parkinsonism mutations in DNAJC6 cause lipid defects and neurodegeneration that are rescued by Synj1. *NPJ Parkinson's disease*, 9(1), 19.

Elya C, et al. (2023) Neural mechanisms of parasite-induced summing behavior in 'zombie' *Drosophila*. *eLife*, 12.

Mangione F, et al. (2023) Co-option of epidermal cells enables touch sensing. *Nature cell biology*, 25(4), 540.

Bademosi AT, et al. (2023) EndophilinA-dependent coupling between activity-induced

calcium influx and synaptic autophagy is disrupted by a Parkinson-risk mutation. *Neuron*, 111(9), 1402.

Li K, et al. (2023) Belly roll, a GPI-anchored Ly6 protein, regulates *Drosophila melanogaster* escape behaviors by modulating the excitability of nociceptive peptidergic interneurons. *eLife*, 12.

Aimon S, et al. (2023) Global change in brain state during spontaneous and forced walk in *Drosophila* is composed of combined activity patterns of different neuron classes. *eLife*, 12.

Vaughen JP, et al. (2022) Glial control of sphingolipid levels sculpts diurnal remodeling in a circadian circuit. *Neuron*, 110(19), 3186.

Ammer G, et al. (2022) Anatomical distribution and functional roles of electrical synapses in *Drosophila*. *Current biology : CB*, 32(9), 2022.

Kubrak O, et al. (2022) The gut hormone Allatostatin C/Somatostatin regulates food intake and metabolic homeostasis under nutrient stress. *Nature communications*, 13(1), 692.

Han C, et al. (2022) A male-specific doublesex isoform reveals an evolutionary pathway of sexual development via distinct alternative splicing mechanisms. *Communications biology*, 5(1), 728.

Jiao W, et al. (2022) Intact *Drosophila* central nervous system cellular quantitation reveals sexual dimorphism. *eLife*, 11.

Tripodi F, et al. (2022) Anti-Aging and Neuroprotective Properties of *Grifola frondosa* and *Hericium erinaceus* Extracts. *Nutrients*, 14(20).

Texada MJ, et al. (2022) Insulin signaling couples growth and early maturation to cholesterol intake in *Drosophila*. *Current biology : CB*, 32(7), 1548.

Han C, et al. (2022) The doublesex gene regulates dimorphic sexual and aggressive behaviors in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 119(37), e2201513119.

Aragon MJ, et al. (2022) Multiphoton imaging of neural structure and activity in *Drosophila* through the intact cuticle. *eLife*, 11.