Resource Summary Report

Generated by RRID on Jul 30, 2026

w[1118]; P{y[+t7.7] w[+mC]=GMR60D05-GAL4}attP2

RRID:BDSC_39247
Type: Organism

Proper Citation

RRID:BDSC_39247

Organism Information

URL: https://n2t.net/bdsc:39247

Proper Citation: RRID:BDSC_39247

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR60D05-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, MsR2, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 39247

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_39247, BL39247

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR60D05-GAL4}attP2

Record Creation Time: 20240911T222637+0000

Record Last Update: 20260725T195410+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR60D05-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR60D05-GAL4}attP2.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Raccuglia D, et al. (2025) Network synchrony creates neural filters promoting quiescence in Drosophila. Nature, 646(8085), 667.

Siliciano AF, et al. (2025) A vector-based strategy for olfactory navigation in Drosophila. bioRxiv : the preprint server for biology.

Ishida IG, et al. (2025) Neuronal calcium spikes enable vector inversion in the Drosophila brain. Cell.

Basnak MA, et al. (2025) Multimodal cue integration and learning in a neural representation of head direction. Nature neuroscience, 28(8), 1729.

Plitt MH, et al. (2025) Octopamine instructs head direction plasticity. bioRxiv : the preprint server for biology.

Li X, et al. (2024) A brain-derived insulin signal encodes protein satiety for nutrient-specific feeding inhibition. Cell reports, 43(6), 114282.

Dan C, et al. (2024) A neural circuit architecture for rapid learning in goal-directed navigation. Neuron, 112(15), 2581.

Mussells Pires P, et al. (2024) Converting an allocentric goal into an egocentric steering signal. Nature, 626(8000), 808.

Ishida IG, et al. (2023) Neuronal calcium spikes enable vector inversion in the Drosophila brain. bioRxiv : the preprint server for biology.

Lyu C, et al. (2022) Building an allocentric travelling direction signal via vector computation. Nature, 601(7891), 92.

Lu J, et al. (2022) Transforming representations of movement from body- to world-centric space. Nature, 601(7891), 98.

Ho MCW, et al. (2022) Sleep need-dependent changes in functional connectivity facilitate transmission of homeostatic sleep drive. Current biology : CB, 32(22), 4957.

Li Q, et al. (2021) insomniac links the development and function of a sleep-regulatory circuit. eLife, 10.

Okubo TS, et al. (2020) A Neural Network for Wind-Guided Compass Navigation. Neuron, 107(5), 924.

Turner-Evans DB, et al. (2020) The Neuroanatomical Ultrastructure and Function of a Biological Ring Attractor. Neuron, 108(1), 145.

Shiozaki HM, et al. (2020) A Multi-regional Network Encoding Heading and Steering Maneuvers in Drosophila. Neuron, 106(1), 126.

Green J, et al. (2019) A neural heading estimate is compared with an internal goal to guide oriented navigation. Nature neuroscience, 22(9), 1460.