

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR15A04-GAL4}attP2](#)

RRID:BDSC_48671

Type: Organism

Proper Citation

RRID:BDSC_48671

Organism Information

URL: <https://n2t.net/bdsc:48671>

Proper Citation: RRID:BDSC_48671

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR15A04-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, sc, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 48671

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_48671, BDSC:48671, BL48671

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR15A04-GAL4}attP2

Record Creation Time: 20240911T222736+0000

Record Last Update: 20260905T140618+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR15A04-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR15A04-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Reyes M, et al. (2026) Octopamine regulates neural circuits in the mushroom body and central complex, influencing sleep and arousal. iScience, 29(5), 115564.

Hiramatsu S, et al. (2025) Synaptic enrichment and dynamic regulation of the two opposing dopamine receptors within the same neurons. eLife, 13.

Warnecke C, et al. (2025) Re-exposure to reward re-evaluates related memories. Current biology : CB.

Berger M, et al. (2024) Octopamine integrates the status of internal energy supply into the formation of food-related memories. eLife, 12.

Yamagata N, et al. (2021) Presynaptic inhibition of dopamine neurons controls optimistic bias. eLife, 10.