

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR47A04-GAL4}attP2](#)

RRID:BDSC_50286

Type: Organism

Proper Citation

RRID:BDSC_50286

Organism Information

URL: <https://n2t.net/bdsc:50286>

Proper Citation: RRID:BDSC_50286

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR47A04-GAL4}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Gerald M. Rubin, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: GAL4, Oamb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 50286

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_50286, BL50286

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR47A04-GAL4}attP2

Record Creation Time: 20240911T222746+0000

Record Last Update: 20260815T192000+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR47A04-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR47A04-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Koh XY, et al. (2026) Spatiotemporal Crosstalk Between Oocyte and the Microenvironment Governs Preovulatory Follicle Aging. Aging cell, 25(1), e70302.

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

Wang X, et al. (2026) An insulin receptor activity surge in follicle cells drives vitellogenesis by upregulating CrebA. EMBO reports, 27(3), 748.

Steinmetz EL, et al. (2024) Orthologs of NOX5 and EC-SOD/SOD3: dNox and dSod3 Impact Egg Hardening Process and Egg Laying in Reproductive Function of Drosophila melanogaster. International journal of molecular sciences, 25(11).

Pang L, et al. (2022) Search performance and octopamine neuronal signaling mediate parasitoid induced changes in Drosophila oviposition behavior. Nature communications, 13(1), 4476.

Watanabe K, et al. (2017) A Circuit Node that Integrates Convergent Input from Neuromodulatory and Social Behavior-Promoting Neurons to Control Aggression in Drosophila. Neuron, 95(5), 1112.