

Resource Summary Report

Generated by [dkNET](#) on Aug 11, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR16A06-GAL4}attP2](#)

RRID:BDSC_48709

Type: Organism

Proper Citation

RRID:BDSC_48709

Organism Information

URL: <https://n2t.net/bdsc:48709>

Proper Citation: RRID:BDSC_48709

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR16A06-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, Plc21C, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 48709

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_48709, BL48709

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR16A06-GAL4}attP2

Record Creation Time: 20240911T222736+0000

Record Last Update: 20260808T195011+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR16A06-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR16A06-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Ullah H, et al. (2025) A distinct neural ensemble to integrate contradictory information and form long-term memory in Drosophila. Science advances, 11(33), eadv2441.

Hsu CH, et al. (2025) The cell autonomous and non-autonomous functions of Rab27 in longevity and neuroprotection in Drosophila. Autophagy, 21(12), 2809.

Chiang MH, et al. (2023) Independent insulin signaling modulators govern hot avoidance under different feeding states. PLoS biology, 21(10), e3002332.

Wang CM, et al. (2023) Forgotten memory storage and retrieval in Drosophila. Nature communications, 14(1), 7153.

Hsu CT, et al. (2021) Manipulations of the olfactory circuit highlight the role of sensory stimulation in regulating sleep amount. Sleep, 44(5).

Lien WY, et al. (2020) Lifespan regulation in γ /? posterior neurons of the fly mushroom bodies by Rab27. Aging cell, 19(8), e13179.

Kacsoh BZ, et al. (2019) Neural circuitry of social learning in Drosophila requires multiple inputs to facilitate inter-species communication. Communications biology, 2, 309.