

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR11H05-GAL4}attP2](#)

RRID:BDSC_45016

Type: Organism

Proper Citation

RRID:BDSC_45016

Organism Information

URL: <https://n2t.net/bdsc:45016>

Proper Citation: RRID:BDSC_45016

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR11H05-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, norpA, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 45016

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_45016, BDSC:45016, BL45016

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR11H05-GAL4}attP2

Record Creation Time: 20240911T222728+0000

Record Last Update: 20260905T140605+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR11H05-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR11H05-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 [NIF](#).

Zheng F, et al. (2025) Role of d-serine in intestinal ROS accumulation after sleep deprivation. Science advances, 11(29), eadr8592.

Yang D, et al. (2025) Caffeic Acid Alleviates Chronic Sleep Deprivation-Induced Intestinal Damage by Inhibiting the IMD Pathway in Drosophila. Journal of inflammation research, 18, 3485.

Inami S, et al. (2024) Sleep induced by mechanosensory stimulation provides cognitive and health benefits in Drosophila. Sleep, 47(12).

Inami S, et al. (2024) Sleep induced by mechanosensory stimulation provides cognitive and health benefits in Drosophila. bioRxiv : the preprint server for biology.

Li Y, et al. (2023) Gut AstA mediates sleep deprivation-induced energy wasting in Drosophila. Cell discovery, 9(1), 49.

Bedont JL, et al. (2023) Chronic sleep loss sensitizes Drosophila melanogaster to nitrogen stress. Current biology : CB, 33(8), 1613.

Vaccaro A, et al. (2020) Sleep Loss Can Cause Death through Accumulation of Reactive Oxygen Species in the Gut. Cell, 181(6), 1307.