

Resource Summary Report

Generated by [dkNET](#) on Sep 12, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR53F07-GAL4}attP2](#)

RRID:BDSC_50442

Type: Organism

Proper Citation

RRID:BDSC_50442

Organism Information

URL: <https://n2t.net/bdsc:50442>

Proper Citation: RRID:BDSC_50442

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR53F07-GAL4}attP2 from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: Ccn, GAL4, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 50442

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_50442, BDSC:50442, BL50442

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR53F07-GAL4}attP2

Record Creation Time: 20240911T222747+0000

Record Last Update: 20260905T140634+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR53F07-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR53F07-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Renault AD, et al. (2024) Optogenetic control of Drosophila neurons: a laboratory practical for undergraduates and outreach. Journal of microbiology & biology education, 25(3), e0008624.

Thane M, et al. (2023) High-resolution analysis of individual Drosophila melanogaster larvae uncovers individual variability in locomotion and its neurogenetic modulation. Open biology, 13(4), 220308.

Carreira-Rosario A, et al. (2018) MDN brain descending neurons coordinately activate backward and inhibit forward locomotion. eLife, 7.