

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=GMR21G01-GAL4}attP2](#)

RRID:BDSC_48951

Type: Organism

Proper Citation

RRID:BDSC_48951

Organism Information

URL: <https://n2t.net/bdsc:48951>

Proper Citation: RRID:BDSC_48951

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=GMR21G01-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, TrpA1, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 48951

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_48951, BDSC:48951, BL48951

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=GMR21G01-GAL4}attP2

Record Creation Time: 20240911T222738+0000

Record Last Update: 20260905T140621+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=GMR21G01-GAL4}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=GMR21G01-GAL4}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Gu P, et al. (2022) Nociception and hypersensitivity involve distinct neurons and molecular transducers in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 119(12), e2113645119.

Gu P, et al. (2019) Polymodal Nociception in Drosophila Requires Alternative Splicing of TrpA1. Current biology : CB, 29(23), 3961.

Suver MP, et al. (2019) Encoding of Wind Direction by Central Neurons in Drosophila. Neuron, 102(4), 828.

Luo J, et al. (2017) TRPA1 mediates sensation of the rate of temperature change in Drosophila larvae. Nature neuroscience, 20(1), 34.