

Resource Summary Report

Generated by [RRID](#) on Aug 3, 2026

[w\[*\]; P{w\[+mC\]=GMR-GAL4.Y}YH3/TM3, Sb\[1\]](#)

RRID:BDSC_84247

Type: Organism

Proper Citation

RRID:BDSC_84247

Organism Information

URL: <https://n2t.net/bdsc:84247>

Proper Citation: RRID:BDSC_84247

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=GMR-GAL4.Y}YH3/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Nancy Bonini, University of Pennsylvania; Donor's Source: Yash Hiromi, National Institute of Genetics

Affected Gene: GAL4, GMR, Sb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 84247

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_84247, BL84247

Organism Name: w[*]; P{w[+mC]=GMR-GAL4.Y}YH3/TM3, Sb[1]

Record Creation Time: 20240911T223308+0000

Record Last Update: 20260801T200132+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=GMR-GAL4.Y}YH3/TM3, Sb[1].

No alerts have been found for w[*]; P{w[+mC]=GMR-GAL4.Y}YH3/TM3, Sb[1].

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 [RRID](#) .

Parra-Torres M, et al. (2026) Aberrant NSUN1 activity connects m5C-RNA modification to TDP-43 neurotoxicity in ALS/FTD. Life science alliance, 9(1).

Hsiao CT, et al. (2025) A fly model of SCA36 reveals combinatorial neurotoxicity of hexanucleotide and dipeptide repeats. PLoS genetics, 21(12), e1011954.

Singh A, et al. (2024) SARS-CoV2 Nsp3 protein triggers cell death and exacerbates amyloid α 2-mediated neurodegeneration. Neural regeneration research, 19(6), 1385.

Yue W, et al. (2023) Inhibition of the MEK/ERK pathway suppresses immune overactivation and mitigates TDP-43 toxicity in a Drosophila model of ALS. Immunity & ageing : I & A, 20(1), 27.

Cha SJ, et al. (2022) Therapeutic modulation of GSTO activity rescues FUS-associated neurotoxicity via deglutathionylation in ALS disease models. Developmental cell, 57(6), 783.

Cho B, et al. (2022) Prickle isoform participation in distinct polarization events in the Drosophila eye. PloS one, 17(2), e0262328.

Tsai HY, et al. (2020) Loss of the Drosophila branched-chain α -ketoacid dehydrogenase complex results in neuronal dysfunction. Disease models & mechanisms, 13(8).