

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

[w\[*\]; P{w\[+mC\]=GAL4-pros.MG}3](#)

RRID:BDSC_80572

Type: Organism

Proper Citation

RRID:BDSC_80572

Organism Information

URL: <https://n2t.net/bdsc:80572>

Proper Citation: RRID:BDSC_80572

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=GAL4-pros.MG}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Chris Doe, Oregon State University

Affected Gene: GAL4, pros, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 80572

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_80572, BDSC:80572, BL80572

Organism Name: w[*]; P{w[+mC]=GAL4-pros.MG}3

Record Creation Time: 20240911T223233+0000

Record Last Update: 20260912T204522+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=GAL4-pros.MG}3.

No alerts have been found for w[*]; P{w[+mC]=GAL4-pros.MG}3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Biswas P, et al. (2026) Sex-biased expression of enteroendocrine cell-derived hormones contributes to higher fat storage in Drosophila females. bioRxiv : the preprint server for biology.

Cong F, et al. (2025) Translocation of gut bacteria promotes tumor-associated mortality by inducing immune-activated renal damage. The EMBO journal, 44(13), 3586.

Sun Y, et al. (2025) Genetic screening reveals cone cell-specific factors as common genetic targets modulating rival-induced prolonged mating in male Drosophila melanogaster. G3 (Bethesda, Md.), 15(1).

Stricker AM, et al. (2025) Piezo-dependent surveillance of matrix stiffness generates transient cells that repair the basement membrane. Developmental cell, 60(14), 1936.

Boda A, et al. (2025) The Rab7-Epg5 and Rab39-ema modules cooperatively position autophagosomes for efficient lysosomal fusions. eLife, 13.

Hargitai D, et al. (2025) HOPS-dependent vesicle tethering lock inhibits endolysosomal fusions and autophagosome secretion upon the loss of Syntaxin17. Science advances, 11(23), eadu9605.

Wei Y, et al. (2025) Investigating the immunomodulatory effects of honeybee venom peptide apamin in Drosophila platforms. Infection and immunity, 93(7), e0013125.

Kentro JA, et al. (2024) Conserved transcription factors coordinate synaptic gene expression through repression. bioRxiv : the preprint server for biology.

Plygawko AT, et al. (2024) The Drosophila adult midgut progenitor cells arise from asymmetric divisions of neuroblast-like cells. Developmental cell.

Xi G, et al. (2024) Oxidative Stress Contributes to Slit Diaphragm Defects Caused by Disruption of Endocytosis. Kidney international reports, 9(2), 451.

Segrist E, et al. (2021) Orally acquired cyclic dinucleotides drive dSTING-dependent antiviral immunity in enterocytes. Cell reports, 37(13), 110150.

Li Y, et al. (2021) *Drosophila* Solute Carrier 5A5 Regulates Systemic Glucose Homeostasis by Mediating Glucose Absorption in the Midgut. *International journal of molecular sciences*, 22(22).

Ly PT, et al. (2020) Fzr/Cdh1 Promotes the Differentiation of Neural Stem Cell Lineages in *Drosophila*. *Frontiers in cell and developmental biology*, 8, 60.