

Resource Summary Report

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

[w\[1118\]; P{w\[+m*\]=GAL4}repo/TM3, Sb\[1\]](#)

RRID:BDSC_7415

Type: Organism

Proper Citation

RRID:BDSC_7415

Organism Information

URL: <https://n2t.net/bdsc:7415>

Proper Citation: RRID:BDSC_7415

Description: Drosophila melanogaster with name w[1118]; P{w[+m*]=GAL4}repo/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Vanessa Auld, University of British Columbia

Affected Gene: GAL4, repo, Sb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 7415

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_7415, BDSC:7415, BL7415

Organism Name: w[1118]; P{w[+m*]=GAL4}repo/TM3, Sb[1]

Record Creation Time: 20240911T222208+0000

Record Last Update: 20260905T135834+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+m*]=GAL4}repo/TM3, Sb[1].

No alerts have been found for w[1118]; P{w[+m*]=GAL4}repo/TM3, Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 334 mentions in open access literature.

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

Alves CS, et al. (2026) Duox-driven ROS release by glia promotes regeneration in the adult Drosophila brain. EMBO reports, 27(5), 1103.

Majlish ANK, et al. (2026) Nckx30c, a Drosophila K⁺-dependent Na⁺/Ca²⁺ exchanger, regulates temperature-sensitive convulsions and age-related neurodegeneration. bioRxiv : the preprint server for biology.

Petsakou A, et al. (2026) Tumor-induced orexigenic imbalance lowers protein appetite and drives early organ wasting symptoms. Nature communications, 17(1).

García-Simarro MP, et al. (2026) Multifunctional biofunctionalized hybrid nanoantifungals with novel active coating agents based on cinnamaldehyde- and α -cyclocitral-modified polydopamine. Materials today. Bio, 36, 102645.

Alza L, et al. (2026) Pro-tumoral Ca²⁺ signaling is dependent on Slowpoke and Ca-v₁T channels in Drosophila melanogaster glioma. Scientific reports, 16(1).

Zhang J, et al. (2026) Sleep rescues age-associated loss of glial engulfment. PLoS genetics, 22(1), e1011999.

Nahid MA, et al. (2026) Maternal lipids prime quiescent neural stem cells to reactivate in response to dietary nutrients. bioRxiv : the preprint server for biology.

Girard V, et al. (2026) ShineGAL4 drivers for tissue and cell-type specific optogenetics in Drosophila. Development (Cambridge, England), 153(4).

Shen Y, et al. (2026) A genome-wide MAGIC kit for recombinase-independent mosaic analysis in Drosophila. eLife, 14.

Stinchfield MJ, et al. (2026) Both isoforms of Drosophila ApoLpp (ApoB) cross the blood-brain barrier in adults. Genetics, 232(1).

Liu G, et al. (2026) Comparative analysis of draper mutant alleles and RNAi expression systems in the ovary and brain of *Drosophila melanogaster*. *G3 (Bethesda, Md.)*, 16(5).

Donoghue A, et al. (2026) Dynamic integration of morphogen and juxtacrine signaling specifies cell fate at single-cell resolution. *Current biology : CB*, 36(14), 3580.

Altay MF, et al. (2026) Heterozygous loss of SRRM1 may be associated with neurodevelopmental phenotypes and anomalies in cell growth and neurite morphology. *European journal of human genetics : EJHG*, 34(2), 201.

Tournière O, et al. (2026) X chromosome dosage in respiratory stem cells is critical for post-embryonic development and survival. *Current biology : CB*, 36(2), 387.

Majlish ANK, et al. (2026) Nckx30c, a *Drosophila* K⁺-dependent Na⁺/Ca²⁺ exchanger, regulates temperature-sensitive convulsions and age-related neurodegeneration. *Journal of neurogenetics*, 40(1-2), 1.

Ren M, et al. (2026) Glycerol 3-phosphate acyltransferase exacerbates α -synuclein-induced toxicity by increasing lipid peroxidation. *Nature communications*, 17(1), 1618.

Vincze V, et al. (2026) Selective autophagy fine-tunes Stat92E activity by degrading Su(var)2-10/PIAS in *Drosophila* glia. *Life science alliance*, 9(3).

Du Y, et al. (2026) Elevated serotonin receptor 2A signaling restores learning and memory in a Fragile X syndrome model. *Scientific reports*, 16(1), 4450.

Hall B, et al. (2026) Antisense Dipeptide Repeat Proteins Drive Widescale Purine Metabolism Aberration in C9orf72 Amyotrophic Lateral Sclerosis via ADA. *International journal of molecular sciences*, 27(4).

Rabah Y, et al. (2025) Astrocyte-to-neuron H₂O₂ signalling supports long-term memory formation in *Drosophila* and is impaired in an Alzheimer's disease model. *Nature metabolism*, 7(2), 321.