

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[w\[1118\]; P{w\[+mC\]=UAS-EGFP}34/TM3, Sb\[1\]](#)

RRID:BDSC_5430

Type: Organism

Proper Citation

RRID:BDSC_5430

Organism Information

URL: <https://n2t.net/bdsc:5430>

Proper Citation: RRID:BDSC_5430

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-EGFP}34/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Eric Spana, Duke University; Donor's Source: Martin Zeidler, Harvard Medical School

Affected Gene: Avic\GFP, UAS, Sb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 5430

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5430, BL5430

Organism Name: w[1118]; P{w[+mC]=UAS-EGFP}34/TM3, Sb[1]

Record Creation Time: 20240911T222152+0000

Record Last Update: 20260829T185525+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-EGFP}34/TM3, Sb[1].

No alerts have been found for w[1118]; P{w[+mC]=UAS-EGFP}34/TM3, Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Hazelton-Cavill P, et al. (2026) Elevated Piezo levels cause structural and functional alterations in Drosophila garland nephrocytes. Life science alliance, 9(4).

Sakr R, et al. (2026) NimA promotes cell adhesion at the blood brain barrier of the Drosophila nervous system. EMBO reports, 27(7), 1648.

Sorianello E, et al. (2025) The translational inhibitor 4EBP/Thor is required for Drosophila adaptation to hypoxia. Scientific reports, 15(1), 23370.

Richhariya S, et al. (2025) Metabolic rewiring prevents neurodegeneration caused by chronic mitochondrial dysfunction. Current biology : CB, 35(22), 5443.

Lee JI, et al. (2025) The matrix glycoprotein Papilin maintains the haematopoietic progenitor pool in Drosophila lymph glands. Development (Cambridge, England), 152(7).

Ostgaard CM, et al. (2025) A double-assurance mechanism restrains generation of high potential transit-amplifying progenitors during neurogenesis. bioRxiv : the preprint server for biology.

Zhu X, et al. (2025) Automated detection of spontaneous calcium signaling events in prohemocytes of the Drosophila melanogaster lymph gland. microPublication biology, 2025.

Dai X, et al. (2024) Four SpsP neurons are an integrating sleep regulation hub in Drosophila. Science advances, 10(47), eads0652.

Su??rez Freire S, et al. (2024) The exocyst complex controls multiple events in the pathway of regulated exocytosis. eLife, 12.

Le JQ, et al. (2024) Light and dopamine impact two circadian neurons to promote morning wakefulness. Current biology : CB, 34(17), 3941.

Ugrankar-Banerjee R, et al. (2023) The fat body cortical actin network regulates *Drosophila* inter-organ nutrient trafficking, signaling, and adipose cell size. *eLife*, 12.

Zhao H, et al. (2023) Hippo pathway and Bonus control developmental cell fate decisions in the *Drosophila* eye. *Developmental cell*, 58(5), 416.

Jneid R, et al. (2023) *Bacillus thuringiensis* toxins divert progenitor cells toward enteroendocrine fate by decreasing cell adhesion with intestinal stem cells in *Drosophila*. *eLife*, 12.

Wang F, et al. (2023) Gliotransmission and adenosine signaling promote axon regeneration. *Developmental cell*, 58(8), 660.

Eberwein AE, et al. (2023) Glycosphingolipids are linked to elevated neurotransmission and neurodegeneration in a *Drosophila* model of Niemann Pick type C. *Disease models & mechanisms*, 16(10).

Richhariya S, et al. (2023) Dissecting neuron-specific functions of circadian genes using modified cell-specific CRISPR approaches. *Proceedings of the National Academy of Sciences of the United States of America*, 120(29), e2303779120.

Kim YA, et al. (2023) RNA methyltransferase NSun2 deficiency promotes neurodegeneration through epitranscriptomic regulation of tau phosphorylation. *Acta neuropathologica*, 145(1), 29.

Kim SH, et al. (2023) Axon guidance genes modulate neurotoxicity of ALS-associated UBQLN2. *eLife*, 12.

Shen JL, et al. (2022) Atg6 promotes organismal health by suppression of cell stress and inflammation. *Cell death and differentiation*, 29(11), 2275.

Kunduri G, et al. (2022) Delivery of ceramide phosphoethanolamine lipids to the cleavage furrow through the endocytic pathway is essential for male meiotic cytokinesis. *PLoS biology*, 20(9), e3001599.