

Resource Summary Report

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

w[1118]; P{w[+mC]=UAS-GFP.RNAi.R}143

RRID:BDSC_9331

Type: Organism

Proper Citation

RRID:BDSC_9331

Organism Information

URL: <https://n2t.net/bdsc:9331>

Proper Citation: RRID:BDSC_9331

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-GFP.RNAi.R}143 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Christophe Antoniewski & Clement Carre, Institut Pasteur

Affected Gene: Avic\GFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 9331

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9331, BL9331

Organism Name: w[1118]; P{w[+mC]=UAS-GFP.RNAi.R}143

Record Creation Time: 20240911T222224+0000

Record Last Update: 20260801T194707+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-GFP.RNAi.R}143.

No alerts have been found for w[1118]; P{w[+mC]=UAS-GFP.RNAi.R}143.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Winkler B, et al. (2025) Macrophage invasion into the Drosophila brain requires JAK/STAT-dependent MMP activation in the blood-brain barrier. PLoS biology, 23(2), e3003035.

Easwaran S, et al. (2025) A genome-wide association study implicates the olfactory system in Drosophila melanogaster diapause-associated lifespan extension and fecundity. eLife, 13.

Song H, et al. (2025) PDH Inhibition in Drosophila Ameliorates Sensory Dysfunction Induced by Vincristine Treatment in the Chemotherapy-Induced Peripheral Neuropathy Models. Biomedicines, 13(4).

Geng L, et al. (2025) The N^ε-acetyl-L-lysine/Loxl2/H₂O₂ promotes intestinal tumor growth in Drosophila and cell proliferation in human colorectal cancer. Cell reports, 44(8), 116126.

Ham SJ, et al. (2025) Mitochondrial fumarate inhibits Parkin-mediated mitophagy. Molecular cell, 85(12), 2287.

Ricolo D, et al. (2025) Drosophila and human Headcase define a new family of ribonucleotide granule proteins required for stress response. Science advances, 11(13), eads2086.

Chen W, et al. (2024) A Drosophila Model Reveals the Potential Role for mtt in Retinal Disease. International journal of molecular sciences, 25(2).

Zappia MP, et al. (2024) The RU486-dependent activation of the GeneSwitch system in adult muscles leads to severe adverse effects in Drosophila. G3 (Bethesda, Md.), 14(5).

Tanaka T, et al. (2024) Endocytosed dsRNAs induce lysosomal membrane permeabilization that allows cytosolic dsRNA translocation for Drosophila RNAi responses. Nature communications, 15(1), 6993.

Parreno V, et al. (2024) Transient loss of Polycomb components induces an epigenetic cancer fate. *Nature*, 629(8012), 688.

Park SY, et al. (2023) Targeted down-regulation of Hipp1 ameliorates tau-induced deficits in *Drosophila melanogaster*. *Genes & diseases*, 10(6), 2248.

Fuse N, et al. (2023) Neural control of redox response and microbiota-triggered inflammation in *Drosophila* gut. *Frontiers in immunology*, 14, 1268611.

McMullen E, et al. (2023) Glycolytically impaired *Drosophila* glial cells fuel neural metabolism via β -oxidation. *Nature communications*, 14(1), 2996.

Hao H, et al. (2023) Wolfram syndrome 1 regulates sleep in dopamine receptor neurons by modulating calcium homeostasis. *PLoS genetics*, 19(7), e1010827.

Xu J, et al. (2023) The BCL-2 family protein BCL-RAMBO interacts and cooperates with GRP75 to promote its apoptosis signaling pathway. *Scientific reports*, 13(1), 14041.

Chen TA, et al. (2022) Canonical Wnt Signaling Promotes Formation of Somatic Permeability Barrier for Proper Germ Cell Differentiation. *Frontiers in cell and developmental biology*, 10, 877047.

Sriskantheadavan-Pirahas S, et al. (2022) Adipose mitochondrial metabolism controls body growth by modulating systemic cytokine and insulin signaling. *Cell reports*, 39(6), 110802.

Gracia-Latorre E, et al. (2022) A single WNT enhancer drives specification and regeneration of the *Drosophila* wing. *Nature communications*, 13(1), 4794.

Yildirim K, et al. (2022) Redundant functions of the SLC5A transporters Rumpel, Bumpel, and Kumpel in ensheathing glial cells. *Biology open*, 11(1).

Greenspan LJ, et al. (2022) Activation of the EGFR/MAPK pathway drives transdifferentiation of quiescent niche cells to stem cells in the *Drosophila* testis niche. *eLife*, 11.