

Resource Summary Report

Generated by [ASWG](#) on Aug 25, 2026

w[1118]

RRID:BDSC_5905

Type: Organism

Proper Citation

RRID:BDSC_5905

Organism Information

URL: <https://n2t.net/bdsc:5905>

Proper Citation: RRID:BDSC_5905

Description: Drosophila melanogaster with name w[1118] from BDSC.

Species: Drosophila melanogaster

Notes: Isogenized for chr 1;2;3, with w[1118] line. Tested for normal learning, memory and circadian rhythms, per John Roote. Donor: Michael Ashburner, University of Cambridge

Affected Gene: w

Genomic Alteration: Chromosome 1

Catalog Number: 5905

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_5905, BL5905

Organism Name: w[1118]

Record Creation Time: 20240911T222156+0000

Record Last Update: 20260815T191246+0000

Ratings and Alerts

No rating or validation information has been found for w[1118].

No alerts have been found for w[1118].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 559 mentions in open access literature.

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

Okamoto N, et al. (2026) Neuroendocrine control of calcium mobilization in the fruit fly. *Nature*, 649(8095), 122.

Kang Q, et al. (2026) Huangqi Baihe Granules alleviate chemotherapy-induced intestinal mucositis in *Drosophila* and mice. *AMB Express*, 16(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).

Karmelic D, et al. (2026) Homeostatic preservation of action potential waveform by Notch and Nerfin-1. *Current biology : CB*, 36(5), 1166.

Li J, et al. (2026) Profiling the host defense responses against *Candida auris* in a reliable *Drosophila melanogaster* infection model. *mLife*, 5(1), 51.

Allen BM, et al. (2026) Context-dependent ATP7 Interactions with Parkinson's Disease-associated Genes Modulate Copper Homeostasis Phenotypes. *bioRxiv : the preprint server for biology*.

Liu Z, et al. (2026) A bacterial gene acquired by parasitoid wasps contributes to venom secretion against host defence. *The EMBO journal*, 45(6), 1997.

Wang M, et al. (2026) Impaired VLCFA-peroxisome-mediated intestinal epithelial repair causes gastrointestinal sequelae of long COVID. *Developmental cell*.

Corthals K, et al. (2026) Conserved molecular signatures of hygrosensory neurons in two dipteran species. *PLoS one*, 21(4), e0347993.

El Kamali L, et al. (2026) Comprehensive investigation of SARS-CoV-2 intestinal pathogenesis in *Drosophila*. *iScience*, 29(5), 115621.

Sciortino M, et al. (2026) Protocol for using an ELISA to detect total α -synuclein levels in *Drosophila melanogaster* lines expressing human α -synuclein point mutations. *STAR protocols*, 7(2), 104576.

Bossen J, et al. (2026) Tracheal terminal cells of *Drosophila* are immune privileged to maintain their Foxo-dependent structural plasticity. *eLife*, 13.

Brashaw CR, et al. (2026) Nerve injury promotes glial immune responses through a Draper/Ninjurin A pathway. *Neurobiology of disease*, 218, 107242.

Manoim Wolkovitz JE, et al. (2026) A voltage-dependent switch underlies efficient yet specific learning and memory. *Current biology : CB*, 36(4), 954.

Lane AR, et al. (2026) Distinct signaling mechanisms and proteome phenotypes are elicited by compartment-specific genetic defects of copper homeostasis. *bioRxiv : the preprint server for biology*.

Sava? D, et al. (2026) Feeding decision-making by a single neuron via disparate neurotransmitters. *Nature communications*, 17(1).

Tracy L, et al. (2026) Retrotransposon activation during spermatogenesis achieves massive ecDNA biogenesis but rare integration. *Genes & development*, 40(5-6), 396.

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

Hobson CM, et al. (2026) Adapting Upright Light Sheet Fluorescence Microscopy for Imaging at Air-Liquid Interface. *bioRxiv : the preprint server for biology*.

Mitra S, et al. (2026) miR-34 regulates stress-induced depression-like state through the WDR26 ortholog melancholy in *Drosophila*. *Research square*.