Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

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: 20250331T210753+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 300 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Cheetham-Wilkinson IJ, et al. (2025) RpH-ILV: Probe for lysosomal pH and acute LLOMe-induced membrane permeabilization in cell lines and Drosophila. Science advances, 11(1), eadr7325.

Menzies JAC, et al. (2024) A microRNA that controls the emergence of embryonic movement. eLife, 13.

Sang J, et al. (2024) A single pair of pharyngeal neurons functions as a commander to reject high salt in Drosophila melanogaster. eLife, 12.

Steinmetz EL, et al. (2024) Orthologs of NOX5 and EC-SOD/SOD3: dNox and dSod3 Impact Egg Hardening Process and Egg Laying in Reproductive Function of Drosophila melanogaster. International journal of molecular sciences, 25(11).

Zhao X, et al. (2024) Polycomb regulates circadian rhythms in Drosophila in clock neurons. Life science alliance, 7(1).

Xu B, et al. (2024) Temperature-driven coordination of circadian transcriptional regulation. PLoS computational biology, 20(4), e1012029.

Lane AR, et al. (2024) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. bioRxiv : the preprint server for biology.

Gopalakrishnan S, et al. (2024) A role for the circadian photoreceptor CRYPTOCHROME in regulating triglyceride metabolism in Drosophila. G3 (Bethesda, Md.), 14(11).

Chong B, et al. (2024) Neuropeptide-dependent spike time precision and plasticity in circadian output neurons. bioRxiv : the preprint server for biology.

Kharrat B, et al. (2024) Dual role for Headcase in hemocyte progenitor fate determination in Drosophila melanogaster. PLoS genetics, 20(10), e1011448.

Eiman MN, et al. (2024) Genome-wide association in Drosophila identifies a role for Piezo and Proc-R in sleep latency. Scientific reports, 14(1), 260.

Wilson KA, et al. (2024) OXR1 maintains the retromer to delay brain aging under dietary restriction. Nature communications, 15(1), 467.

Whitehead SC, et al. (2024) Exploration-exploitation trade-off is regulated by metabolic state and taste value in Drosophila. bioRxiv : the preprint server for biology.

Zimmermann C, et al. (2024) Effect of allyl-isothiocyanate on survival and antimicrobial peptide expression following oral bacterial infections in Drosophila melanogaster. Frontiers in immunology, 15, 1404086.

Byrns CN, et al. (2024) Senescent glia link mitochondrial dysfunction and lipid accumulation. Nature, 630(8016), 475.

Goins LM, et al. (2024) Wnt signaling couples G2 phase control with differentiation during hematopoiesis in Drosophila. Developmental cell, 59(18), 2477.

Umezaki Y, et al. (2024) Taste triggers a homeostatic temperature control in hungry flies. eLife, 13.

Salvador-Garcia D, et al. (2024) A force-sensitive mutation reveals a non-canonical role for dynein in anaphase progression. The Journal of cell biology, 223(10).

Meyer H, et al. (2024) Combined transcriptome and proteome profiling reveal cell-type-specific functions of Drosophila garland and pericardial nephrocytes. Communications biology, 7(1), 1424.

Palumbo RJ, et al. (2024) Catalytic activity of the Bin3/MePCE methyltransferase domain is dispensable for 7SK snRNP function in Drosophila melanogaster. Genetics, 226(1).