

Resource Summary Report

Generated by [NIF](#) on Sep 14, 2026

[w\[1118\]](#)

RRID:BDSC_3605

Type: Organism

Proper Citation

RRID:BDSC_3605

Organism Information

URL: <https://n2t.net/bdsc:3605>

Proper Citation: RRID:BDSC_3605

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

Species: Drosophila melanogaster

Notes: Donor: Robert Levis, Syracuse University

Affected Gene: w

Genomic Alteration: Chromosome 1

Catalog Number: 3605

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_3605, BDSC:3605, BL3605

Organism Name: w[1118]

Record Creation Time: 20240911T222138+0000

Record Last Update: 20260912T203055+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 2470 mentions in open access literature.

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

Fernandes J, et al. (2026) miR-184 modulates Ilp8 to control developmental timing during normal growth conditions and in response to developmental perturbations. Development (Cambridge, England), 153(5).

Alcaraz J, et al. (2026) Chronic intestinal immune activation reveals separable impacts of inflammation and barrier loss on hallmarks of ageing. PloS one, 21(2), e0342910.

Shinno K, et al. (2026) Axonal distribution of mitochondria maintains neuronal autophagy during aging via eIF2?. eLife, 13.

Zhang J, et al. (2026) A Set of Novel Venom Proteins Enables Parasitoid Wasps to Exploit Older Hosts and Coexist with Competitors. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(4), e12654.

Vega-Badillo J, et al. (2026) Biochemical principles of miRNA targeting in flies. Nature communications, 17(1), 1641.

Ridges JT, et al. (2026) Selfish chromosomes exploit a germline checkpoint to eliminate competing gametes. Nature communications, 17(1), 1532.

Zhou J, et al. (2026) A Cold Stress-Activated Endocrine Sentinel Chemical Hormone Promotes Insect Survival via Mitochondrial Adaptations Through the Adipokinetic Hormone Receptor. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(10), e09822.

Park D, et al. (2026) Evidence that injury can cause Drosophila gut differentiated, polyploid enterocytes to be recruited as stem cells via paligenosis. bioRxiv : the preprint server for biology.

Lin YT, et al. (2026) Isomeric diversity of GlcNAc(Man3GlcNAc2) and GlcNAc2(Man3GlcNAc2) N-glycans in multicellular eukaryotes. Scientific reports, 16(1).

Van der Linden Costello P, et al. (2026) Selective regulation of transsynaptic alignment and postsynaptic assembly by a novel NCAM family synaptic adhesion molecule. bioRxiv : the preprint server for biology.

Zhu K, et al. (2026) Genomic basis of adaptation to cardiac glycosides in three insect orders. Frontiers in genetics, 17, 1808090.

Singh K, et al. (2026) Structural basis for recognition of diverse localizing mRNAs by Egl-BicD. *Nature structural & molecular biology*, 33(5), 882.

Piao C, et al. (2026) Active zone plasticity couples sleep need to presynaptic hypophosphorylation. *Proceedings of the National Academy of Sciences of the United States of America*, 123(24), e2524065123.

Yu S, et al. (2026) Lysine Triggers Acute Oviposition by Activating the 20E-ETH-JH Signaling Cascade in *Drosophila melanogaster*. *International journal of molecular sciences*, 27(11).

Song S, et al. (2026) Dual Disruption of the Immune Cytokine Spätzle Facilitates Fungal Infection of Diverse Insect Hosts. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(1), e13075.

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

Dhakal S, et al. (2026) Gustatory avoidance of fatty acids by *Aedes aegypti* depends on an arthropod-specific TRP channel. *Proceedings of the National Academy of Sciences of the United States of America*, 123(7), e2522818123.

Tsang SSK, et al. (2026) Response of Protein Coding Genes and microRNAs to Temperature Changes in Four Species of Drosophilids. *Genome biology and evolution*, 18(4).

Madamanchi K, et al. (2026) Shaker potassium channel mediates an age-sensitive neurocardiac axis regulating sleep and cardiac function in *Drosophila*. *Biogerontology*, 27(1), 41.

Smisko WR, et al. (2026) Allele-specific rescue of neurexin behavioral phenotypes by monoamine-targeting compounds. *bioRxiv : the preprint server for biology*.