

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

[w\[1\]](#)

RRID:BDSC_145

Type: Organism

Proper Citation

RRID:BDSC_145

Organism Information

URL: <https://n2t.net/bdsc:145>

Proper Citation: RRID:BDSC_145

Description: Drosophila melanogaster with name w[1] from BDSC.

Species: Drosophila melanogaster

Notes: Wolbachia dnaA sequences present per B. Savakis, 1/19/2005. Wolbachia present per K. Sheehan, 3/13/2012. Donor: Caltech Stock Center

Affected Gene: w

Genomic Alteration: Chromosome 1

Catalog Number: 145

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_145, BDSC:145, BL145

Organism Name: w[1]

Record Creation Time: 20240911T222120+0000

Record Last Update: 20260905T135725+0000

Ratings and Alerts

No rating or validation information has been found for w[1].

No alerts have been found for w[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Lindsey ARI, et al. (2026) Genomics and reproductive biology of *Leptopilina malgretoutensis* (sp. nov.): an asexual parasitoid of Caribbean *Drosophila*. *Genetics*, 233(1).

Dutra Nunes R, et al. (2026) Dopamine production in the central nervous system is important for follicle survival and interacts with genetic background and a high sugar diet during *Drosophila* oogenesis. *Genetics*, 232(1).

Lindsey AR, et al. (2025) Genomics and reproductive biology of *Leptopilina* n. sp. *Buffington, Lue, Davis & Tracey* sp. nov. (Hymenoptera: Figitidae): An asexual parasitoid of Caribbean *Drosophila*. *bioRxiv : the preprint server for biology*.

Lindsey ARI, et al. (2025) The intracellular symbiont *Wolbachia* alters *Drosophila* development and metabolism to buffer against nutritional stress. *PLoS genetics*, 21(10), e1011905.

Dominicci-Cotto C, et al. (2024) The Wingless planar cell polarity pathway is essential for optimal activity-dependent synaptic plasticity. *Frontiers in synaptic neuroscience*, 16, 1322771.

Martin M, et al. (2024) The *Wolbachia* Wale1 effector alters *Drosophila* endocytosis. *PLoS pathogens*, 20(3), e1011245.

Lindsey AR, et al. (2023) *Wolbachia* is a nutritional symbiont in *Drosophila melanogaster*. *bioRxiv : the preprint server for biology*.

Maldonado-D??az C, et al. (2021) A comparison of three different methods of eliciting rapid activity-dependent synaptic plasticity at the *Drosophila* NMJ. *PLoS one*, 16(11), e0260553.

Barr J, et al. (2019) The *Drosophila* CPEB Protein Orb Specifies Oocyte Fate by a 3'UTR-Dependent Autoregulatory Loop. *Genetics*, 213(4), 1431.

Xiao C, et al. (2018) Persistent One-Way Walking in a Circular Arena in *Drosophila melanogaster* Canton-S Strain. *Behavior genetics*, 48(1), 80.