

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi.lab-sci-crunch.org) on Apr 12, 2025

[y\[1\] w\[1118\]](#)

RRID:BDSC_6598

Type: Organism

Proper Citation

RRID:BDSC_6598

Organism Information

URL: <https://n2t.net/bdsc:6598>

Proper Citation: RRID:BDSC_6598

Description: Drosophila melanogaster with name y[1] w[1118] from BDSC.

Species: Drosophila melanogaster

Notes: Stock was outcrossed in June 2019 for health reasons and then re-homozygosed, so the background is no longer the same. Donor: Dan Garza, Novartis Pharmaceuticals Corporation, Boston

Affected Gene: w, y

Genomic Alteration: Chromosome 1

Catalog Number: 6598

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:6598, BL6598

Organism Name: y[1] w[1118]

Record Creation Time: 20240911T222201+0000

Record Last Update: 20250331T210805+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[1118].

No alerts have been found for y[1] w[1118].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 24 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Lewis SA, et al. (2024) eIF2 γ phosphorylation evokes dystonia-like movements with D2-receptor and cholinergic origin and abnormal neuronal connectivity. bioRxiv : the preprint server for biology.

Versluis P, et al. (2024) Live-cell imaging of RNA Pol II and elongation factors distinguishes competing mechanisms of transcription regulation. Molecular cell, 84(15), 2856.

Babosha V, et al. (2024) N-terminus of Drosophila melanogaster MSL1 is critical for dosage compensation. eLife, 13.

Balasubramanian D, et al. (2024) Enhancer-promoter interactions can form independently of genomic distance and be functional across TAD boundaries. Nucleic acids research, 52(4), 1702.

Stutzman AV, et al. (2024) Heterochromatic 3D genome organization is directed by HP1a- and H3K9-dependent and independent mechanisms. Molecular cell, 84(11), 2017.

Kockel L, et al. (2024) CRISPR/Cas9 gene editing in Drosophila via visual selection in a summer classroom. bioRxiv : the preprint server for biology.

Marmor-Kollet N, et al. (2023) Actin-dependent astrocytic infiltration is a key step for axon defasciculation during remodeling. Cell reports, 42(2), 112117.

Almaliki HS, et al. (2023) Mutational Analysis of Aspergillus fumigatus Volatile Oxylipins in a Drosophila Eclosion Assay. Journal of fungi (Basel, Switzerland), 9(4).

Kim ES, et al. (2023) Generation of LexA enhancer-trap lines in Drosophila by an international scholastic network. G3 (Bethesda, Md.), 13(9).

De Giorgio E, et al. (2023) A dynamic interplay between chitin synthase and the proteins Expansion/Rebuf reveals that chitin polymerisation and translocation are uncoupled in *Drosophila*. *PLoS biology*, 21(1), e3001978.

Zarubin M, et al. (2023) The tardigrade Dsup protein enhances radioresistance in *Drosophila melanogaster* and acts as an unspecific repressor of transcription. *iScience*, 26(7), 106998.

Letizia A, et al. (2023) The TNFR Wengen regulates the FGF pathway by an unconventional mechanism. *Nature communications*, 14(1), 5874.

Liu Y, et al. (2023) Synchronous multi-segmental activity between metachronal waves controls locomotion speed in *Drosophila* larvae. *eLife*, 12.

Chakravarti A, et al. (2022) *Drosophila* p53 isoforms have overlapping and distinct functions in germline genome integrity and oocyte quality control. *eLife*, 11.

Simões AR, et al. (2022) Damage-responsive neuro-glial clusters coordinate the recruitment of dormant neural stem cells in *Drosophila*. *Developmental cell*, 57(13), 1661.

Hale C, et al. (2022) Armadillo regulates nociceptive sensitivity in the absence of injury. *Molecular pain*, 18, 17448069221111155.

Kögler AC, et al. (2021) Extremely rapid and reversible optogenetic perturbation of nuclear proteins in living embryos. *Developmental cell*, 56(16), 2348.

Hiramoto A, et al. (2021) Regulation of coordinated muscular relaxation in *Drosophila* larvae by a pattern-regulating intersegmental circuit. *Nature communications*, 12(1), 2943.

Zeng X, et al. (2021) An electrically coupled pioneer circuit enables motor development via proprioceptive feedback in *Drosophila* embryos. *Current biology : CB*, 31(23), 5327.

Huang SK, et al. (2021) Spatial organization of transcribing loci during early genome activation in *Drosophila*. *Current biology : CB*, 31(22), 5102.