Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 14, 2025

y[1] w[67c23]

RRID:BDSC_6599
Type: Organism

Proper Citation

RRID:BDSC_6599

Organism Information

URL: https://n2t.net/bdsc:6599

Proper Citation: RRID:BDSC_6599

Description: Drosophila melanogaster with name y[1] w[67c23] from BDSC.

Species: Drosophila melanogaster

Notes: Free of hobo insertion elements. Useful for P{wHy} mutagenesis. Donor: Bill Gelbart, Harvard University

Affected Gene: w, y

Genomic Alteration: Chromosome 1

Catalog Number: 6599

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:6599, BL6599

Organism Name: y[1] w[67c23]

Record Creation Time: 20240911T222201+0000

Record Last Update: 20250420T053956+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[67c23].

No alerts have been found for y[1] w[67c23].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 30 mentions in open access literature.

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

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).

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.

Chaubal A, et al. (2023) Coordinated expression of replication-dependent histone genes from multiple loci promotes histone homeostasis in Drosophila. Molecular biology of the cell, 34(12), ar118.

Souto-Maior C, et al. (2023) Nonlinear expression patterns and multiple shifts in gene network interactions underlie robust phenotypic change in Drosophila melanogaster selected for night sleep duration. PLoS computational biology, 19(8), e1011389.

Forbes Beadle L, et al. (2023) Modulation of transcription burst amplitude underpins dosage compensation in the Drosophila embryo. Cell reports, 42(4), 112382.

Doyle DA, et al. (2023) Germ Granule Evolution Provides Mechanistic Insight into Drosophila Germline Development. Molecular biology and evolution, 40(8).

Doyle DA, et al. (2023) Evolutionary changes in germ granule mRNA content are driven by multiple mechanisms in Drosophila. bioRxiv : the preprint server for biology.

Forbes Beadle L, et al. (2023) Combined modelling of mRNA decay dynamics and single-molecule imaging in the Drosophila embryo uncovers a role for P-bodies in 5' to 3' degradation. PLoS biology, 21(1), e3001956.

Chen P, et al. (2023) Genetic control of a sex-specific piRNA program. Current biology : CB,

33(9), 1825.

Valentino M, et al. (2022) Computational modeling offers new insight into Drosophila germ granule development. Biophysical journal, 121(8), 1465.

Frampton SL, et al. (2022) Modelling the structure of Short Gastrulation and generation of a toolkit for studying its function in Drosophila. Biology open, 11(6).

Wilcockson SG, et al. (2021) Live imaging of the Drosophila ovarian germline stem cell niche. STAR protocols, 2(1), 100371.

Steinmetz EL, et al. (2021) Drosophila Homeodomain-Interacting Protein Kinase (Hipk) Phosphorylates the Hippo/Warts Signalling Effector Yorkie. International journal of molecular sciences, 22(4).

Spierer AN, et al. (2021) Natural variation in the regulation of neurodevelopmental genes modifies flight performance in Drosophila. PLoS genetics, 17(3), e1008887.

Sheffield L, et al. (2021) Age-dependent impairment of disease tolerance is associated with a robust transcriptional response following RNA virus infection in Drosophila. G3 (Bethesda, Md.), 11(7).

Duan T, et al. (2021) Drosophila female germline stem cells undergo mitosis without nuclear breakdown. Current biology : CB, 31(7), 1450.

Hoppe C, et al. (2021) CRISPR-Cas9 strategies to insert MS2 stem-loops into endogenous loci in Drosophila embryos. STAR protocols, 2(1), 100380.

Doherty CA, et al. (2021) Coupled oscillators coordinate collective germline growth. Developmental cell, 56(6), 860.

Banerjee SJ, et al. (2021) iPLA2-VIA is required for healthy aging of neurons, muscle, and the female germline in Drosophila melanogaster. PloS one, 16(9), e0256738.

Wang W, et al. (2021) WSV056 Inhibits Shrimp Nitric Oxide Synthase Activity by Downregulating Litopenaeus vannamei Sepiapterin Reductase to Promote White Spot Syndrome Virus Replication. Frontiers in microbiology, 12, 796049.