

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.org) on Apr 24, 2025

RRID:BDSC_55014

Type: Organism

Proper Citation

RRID:BDSC_55014

Organism Information

URL: <https://n2t.net/bdsc:55014>

Proper Citation: RRID:BDSC_55014

Description: Drosophila melanogaster with name from BDSC.

Species: Drosophila melanogaster

Notes: Drosophila Genetic Reference Panel strain - sequenced isogenic reference wild type strain (aka 'Raleigh' or 'Mackay' line). Donor: Trudy Mackay, North Carolina State University

Genomic Alteration: Chromosome wt

Catalog Number: 55014

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:55014, BL55014

Record Creation Time: 20240911T222830+0000

Record Last Update: 20250420T055814+0000

Ratings and Alerts

No rating or validation information has been found for .

No alerts have been found for .

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Juul-Kristensen T, et al. (2023) Topoisomerase 1 Activity Is Reduced in Response to Thermal Stress in Fruit Flies and in Human HeLa Cells. *Biosensors*, 13(11).

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

Patel SP, et al. (2021) Identification of genetic modifiers of lifespan on a high sugar diet in the *Drosophila* Genetic Reference Panel. *Heliyon*, 7(6), e07153.

Everett LJ, et al. (2020) Gene expression networks in the *Drosophila* Genetic Reference Panel. *Genome research*, 30(3), 485.

Talsness DM, et al. (2020) A *Drosophila* screen identifies NKCC1 as a modifier of NGLY1 deficiency. *eLife*, 9.