

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 2, 2025

RRID:BDSC\_29652

Type: Organism

## Proper Citation

RRID:BDSC\_29652

## Organism Information

**URL:** <https://n2t.net/bdsc:29652>

**Proper Citation:** RRID:BDSC\_29652

**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:** 29652

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC:29652, BL29652

**Record Creation Time:** 20240911T222506+0000

**Record Last Update:** 20250420T054902+0000

## Ratings and Alerts

No rating or validation information has been found for .

No alerts have been found for .

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Yamamoto A, et al. (2024) The genetic basis of variation in *Drosophila melanogaster* mating behavior. *iScience*, 27(5), 109837.

Chechenova M, et al. (2023) Quantitative model of aging-related muscle degeneration: a *Drosophila* study. *bioRxiv : the preprint server for biology*.

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.

Bravo González-Blas C, et al. (2020) Identification of genomic enhancers through spatial integration of single-cell transcriptomics and epigenomics. *Molecular systems biology*, 16(5), e9438.

Okada H, et al. (2019) Sex-dependent and sex-independent regulatory systems of size variation in natural populations. *Molecular systems biology*, 15(11), e9012.

Erceg J, et al. (2019) The genome-wide multi-layered architecture of chromosome pairing in early *Drosophila* embryos. *Nature communications*, 10(1), 4486.