

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

DGRP-439

RRID:BDSC_29658

Type: Organism

Proper Citation

RRID:BDSC_29658

Organism Information

URL: <https://n2t.net/bdsc:29658>

Proper Citation: RRID:BDSC_29658

Description: Drosophila melanogaster with name DGRP-439 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: 29658

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_29658, BL29658

Organism Name: DGRP-439

Record Creation Time: 20240911T222506+0000

Record Last Update: 20260826T175436+0000

Ratings and Alerts

No rating or validation information has been found for DGRP-439.

No alerts have been found for DGRP-439.

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](#).

Marconcini M, et al. (2026) Genome-wide association studies identify new candidate genes and tissues underlying resistance to a natural toxin in drosophilids. *G3* (Bethesda, Md.), 16(4).

Shankar Ganesh A, et al. (2026) The functional organization of chromosome territories in single nuclei during zygotic genome activation. *Scientific reports*, 16(1), 5668.

Ganesh AS, et al. (2025) The functional organization of chromosome territories in single nuclei during zygotic genome activation. *bioRxiv : the preprint server for biology*.

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

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

Chowdhury B, et al. (2021) The Divider Assay is a high-throughput pipeline for aggression analysis in *Drosophila*. *Communications biology*, 4(1), 85.

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

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

AlHaj Abed J, et al. (2019) Highly structured homolog pairing reflects functional organization of the *Drosophila* genome. *Nature communications*, 10(1), 4485.

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