

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

DGRP-639

RRID:BDSC_25199

Type: Organism

Proper Citation

RRID:BDSC_25199

Organism Information

URL: <https://n2t.net/bdsc:25199>

Proper Citation: RRID:BDSC_25199

Description: Drosophila melanogaster with name DGRP-639 from BDSC.

Species: Drosophila melanogaster

Notes: Drosophila Genetic Reference Panel strain - sequenced isogenic reference wild type strain (aka 'Raleigh' or 'Mackay' line), core 40 set. Donor: Trudy Mackay, North Carolina State University

Genomic Alteration: Chromosome wt

Catalog Number: 25199

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25199, BL25199

Organism Name: DGRP-639

Record Creation Time: 20240911T222424+0000

Record Last Update: 20260808T194617+0000

Ratings and Alerts

No rating or validation information has been found for DGRP-639.

No alerts have been found for DGRP-639.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 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).

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.

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.

Ravenscroft TA, et al. (2020) *Drosophila* Voltage-Gated Sodium Channels Are Only Expressed in Active Neurons and Are Localized to Distal Axonal Initial Segment-like Domains. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(42), 7999.

Hunt LC, et al. (2019) Circadian gene variants and the skeletal muscle circadian clock contribute to the evolutionary divergence in longevity across *Drosophila* populations. *Genome research*, 29(8), 1262.

Jacobs J, et al. (2018) The transcription factor Grainy head primes epithelial enhancers for spatiotemporal activation by displacing nucleosomes. *Nature genetics*, 50(7), 1011.

Langley CH, et al. (2012) Genomic variation in natural populations of *Drosophila melanogaster*. *Genetics*, 192(2), 533.