

Resource Summary Report

Generated by [ASWG](#) on Sep 20, 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, BDSC:25199, BL25199

Organism Name: DGRP-639

Record Creation Time: 20240911T222424+0000

Record Last Update: 20260919T202809+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 [ASWG](#) .

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.