Resource Summary Report

Generated by kravitz2 on Sep 20, 2026

DGRP-399

RRID:BDSC_25192
Type: Organism

Proper Citation

RRID:BDSC_25192

Organism Information

URL: https://n2t.net/bdsc:25192

Proper Citation: RRID:BDSC_25192

Description: Drosophila melanogaster with name DGRP-399 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: 25192

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25192, BDSC:25192, BL25192

Organism Name: DGRP-399

Record Creation Time: 20240911T222424+0000

Record Last Update: 20260919T202809+0000

Ratings and Alerts

No rating or validation information has been found for DGRP-399.

No alerts have been found for DGRP-399.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Okuyama T, et al. (2026) Genetic heterogeneity alleviates behavioral trade-off between exploration and vigilance in Drosophila. iScience, 29(6), 116171.

Koury S, et al. (2026) An extension of the Cx(Co) m model of crossover patterning to account for experimental mortality in Drosophila melanogaster. bioRxiv : the preprint server for biology.

Shiran MG, et al. (2026) Efficient RFLP-based Protocol for Routine Authentication of Drosophila. microPublication biology, 2026.

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).

Bak NK, et al. (2026) Host genetics and diet jointly shape the microbiome of Drosophila melanogaster but do not predict lifespan or age-related traits. Biogerontology, 27(3).

Backlund AE, et al. (2025) Mating status drives fitness trade-offs in exercised female Drosophila. PloS one, 20(10), e0327080.

Sato DX, et al. (2025) Multifaceted and extensive behavioral trajectories of genomically diverse Drosophila lines. Scientific data, 12(1), 400.

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

Jansen G, et al. (2024) Tolerance thresholds underlie responses to DNA damage during germline development. Genes & development, 38(13-14), 631.

Tang C, et al. (2022) Genetic dissection of innate immune memory in Drosophila melanogaster. Frontiers in immunology, 13, 857707.

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.

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.

Litovchenko M, et al. (2021) Extensive tissue-specific expression variation and novel regulators underlying circadian behavior. Science advances, 7(5).

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

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

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