

# Resource Summary Report

Generated by [NIF](#) on Aug 6, 2026

## DGRP-555

RRID:BDSC\_25198

Type: Organism

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### Proper Citation

RRID:BDSC\_25198

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### Organism Information

**URL:** <https://n2t.net/bdsc:25198>

**Proper Citation:** RRID:BDSC\_25198

**Description:** Drosophila melanogaster with name DGRP-555 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:** 25198

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

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_25198, BL25198

**Organism Name:** DGRP-555

**Record Creation Time:** 20240911T222424+0000

**Record Last Update:** 20260801T194940+0000

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### Ratings and Alerts

No rating or validation information has been found for DGRP-555.

No alerts have been found for DGRP-555.

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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 10 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#).

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.

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.

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

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

Scharenbrock AR, et al. (2021) Beta-blockers reduce intestinal permeability and early mortality following traumatic brain injury in Drosophila. microPublication biology, 2021.

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.

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