

Resource Summary Report

Generated by [NIF](#) on Aug 29, 2026

DGRP-355

RRID:BDSC_55038

Type: Organism

Proper Citation

RRID:BDSC_55038

Organism Information

URL: <https://n2t.net/bdsc:55038>

Proper Citation: RRID:BDSC_55038

Description: Drosophila melanogaster with name DGRP-355 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: 55038

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55038, BL55038

Organism Name: DGRP-355

Record Creation Time: 20240911T222830+0000

Record Last Update: 20260826T175831+0000

Ratings and Alerts

No rating or validation information has been found for DGRP-355.

No alerts have been found for DGRP-355.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 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).

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.

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.

Kurmangaliyev YZ, et al. (2020) Transcriptional Programs of Circuit Assembly in the Drosophila Visual System. *Neuron*, 108(6), 1045.

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