

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

DGRP-100

RRID:BDSC_55017

Type: Organism

Proper Citation

RRID:BDSC_55017

Organism Information

URL: <https://n2t.net/bdsc:55017>

Proper Citation: RRID:BDSC_55017

Description: Drosophila melanogaster with name DGRP-100 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: 55017

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55017, BL55017

Organism Name: DGRP-100

Record Creation Time: 20240911T222830+0000

Record Last Update: 20260725T195623+0000

Ratings and Alerts

No rating or validation information has been found for DGRP-100.

No alerts have been found for DGRP-100.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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.

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

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.

Gohl DM, et al. (2019) Measuring sequencer size bias using REcount: a novel method for highly accurate Illumina sequencing-based quantification. *Genome biology*, 20(1), 85.