

Resource Summary Report

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

DGRP-319

RRID:BDSC_55018

Type: Organism

Proper Citation

RRID:BDSC_55018

Organism Information

URL: <https://n2t.net/bdsc:55018>

Proper Citation: RRID:BDSC_55018

Description: Drosophila melanogaster with name DGRP-319 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: 55018

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55018, BL55018

Organism Name: DGRP-319

Record Creation Time: 20240911T222830+0000

Record Last Update: 20260725T195624+0000

Ratings and Alerts

No rating or validation information has been found for DGRP-319.

No alerts have been found for DGRP-319.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 4 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.

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.