

# Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

## DGRP-310

RRID:BDSC\_28276

Type: Organism

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### Proper Citation

RRID:BDSC\_28276

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### Organism Information

**URL:** <https://n2t.net/bdsc:28276>

**Proper Citation:** RRID:BDSC\_28276

**Description:** Drosophila melanogaster with name DGRP-310 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:** 28276

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

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_28276, BDSC:28276, BL28276

**Organism Name:** DGRP-310

**Record Creation Time:** 20240911T222453+0000

**Record Last Update:** 20260912T203518+0000

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### Ratings and Alerts

No rating or validation information has been found for DGRP-310.

No alerts have been found for DGRP-310.

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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 8 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).

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

Chechenova M, et al. (2024) Muscle degeneration in aging *Drosophila* flies: the role of mechanical stress. *Skeletal muscle*, 14(1), 20.

Buchert SN, et al. (2022) Sleep correlates with behavioral decision making critical for reproductive output in *Drosophila melanogaster*. *Comparative biochemistry and physiology. Part A, Molecular & integrative physiology*, 264, 111114.

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.

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

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.