Resource Summary Report

Generated by T1D on Sep 6, 2026

DGRP-217

RRID:BDSC_28154
Type: Organism

Proper Citation

RRID:BDSC_28154

Organism Information

URL: https://n2t.net/bdsc:28154

Proper Citation: RRID:BDSC_28154

Description: Drosophila melanogaster with name DGRP-217 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: 28154

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_28154, BDSC:28154, BL28154

Organism Name: DGRP-217

Record Creation Time: 20240911T222452+0000

Record Last Update: 20260905T140227+0000

Ratings and Alerts

No rating or validation information has been found for DGRP-217.

No alerts have been found for DGRP-217.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

Listed below are recent publications. The full list is available at T1D .

Shiran MG, et al. (2026) Efficient RFLP-based Protocol for Routine Authentication of Drosophila. microPublication biology, 2026.

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).

Bak NK, et al. (2026) Host genetics and diet jointly shape the microbiome of Drosophila melanogaster but do not predict lifespan or age-related traits. Biogerontology, 27(3).

Novak TE, et al. (2026) Caloric density alters meiotic recombination rate in Drosophila melanogaster. Genetica, 154(1), 7.

Rivera-Rinc??n N, et al. (2026) Effects of hypoxia and low temperature on female physiology and reproduction of Drosophila melanogaster. bioRxiv : the preprint server for biology.

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.

Tang C, et al. (2022) Genetic dissection of innate immune memory in Drosophila melanogaster. Frontiers in immunology, 13, 857707.

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

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.