Resource Summary Report

Generated by kravitz2 on Sep 17, 2026

DGRP-235

RRID:BDSC_28275
Type: Organism

Proper Citation

RRID:BDSC_28275

Organism Information

URL: https://n2t.net/bdsc:28275

Proper Citation: RRID:BDSC_28275

Description: Drosophila melanogaster with name DGRP-235 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: 28275

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_28275, BDSC:28275, BL28275

Organism Name: DGRP-235

Record Creation Time: 20240911T222453+0000

Record Last Update: 20260912T203518+0000

Ratings and Alerts

No rating or validation information has been found for DGRP-235.

No alerts have been found for DGRP-235.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 12 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

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).

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.

Bonanno SL, et al. (2023) Transcriptional changes in specific subsets of Drosophila neurons following inhibition of the serotonin transporter. Translational psychiatry, 13(1), 226.

Bonanno SL, et al. (2023) Transcriptional changes in specific subsets of Drosophila neurons following inhibition of the serotonin transporter. Research square.

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.

Chowdhury B, et al. (2021) The Divider Assay is a high-throughput pipeline for aggression analysis in Drosophila. Communications biology, 4(1), 85.

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

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

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

Jacobs J, et al. (2018) The transcription factor Grainy head primes epithelial enhancers for spatiotemporal activation by displacing nucleosomes. Nature genetics, 50(7), 1011.