Resource Summary Report

Generated by T1D on Sep 19, 2026

DGRP-776

RRID:BDSC_28229
Type: Organism

Proper Citation

RRID:BDSC_28229

Organism Information

URL: https://n2t.net/bdsc:28229

Proper Citation: RRID:BDSC_28229

Description: Drosophila melanogaster with name DGRP-776 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: 28229

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_28229, BDSC:28229, BL28229

Organism Name: DGRP-776

Record Creation Time: 20240911T222453+0000

Record Last Update: 20260912T203518+0000

Ratings and Alerts

No rating or validation information has been found for DGRP-776.

No alerts have been found for DGRP-776.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Peddibhotla S, et al. (2026) Natural Genetic Variation Impacts Stress-Induced Quiescence and Regeneration in Response to Rapamycin. Cells, 15(3).

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).

Peddibhotla S, et al. (2025) Rapamycin Differentially Impacts Germline Stem Cell Quiescence Across Diverse Genetic Backgrounds of Drosophila Melanogaster. bioRxiv : the preprint server for biology.

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

Spierer AN, et al. (2021) Natural variation in the regulation of neurodevelopmental genes modifies flight performance in Drosophila. PLoS genetics, 17(3), e1008887.

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.

Bravo Gonz??lez-Blas C, et al. (2020) Identification of genomic enhancers through spatial integration of single-cell transcriptomics and epigenomics. Molecular systems biology, 16(5), e9438.