Resource Summary Report

Generated by T1D on Sep 19, 2026

DGRP-761

RRID:BDSC_28227
Type: Organism

Proper Citation

RRID:BDSC_28227

Organism Information

URL: https://n2t.net/bdsc:28227

Proper Citation: RRID:BDSC_28227

Description: Drosophila melanogaster with name DGRP-761 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: 28227

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_28227, BDSC:28227, BL28227

Organism Name: DGRP-761

Record Creation Time: 20240911T222453+0000

Record Last Update: 20260912T203518+0000

Ratings and Alerts

No rating or validation information has been found for DGRP-761.

No alerts have been found for DGRP-761.

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 .

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).

Okuyama T, et al. (2026) Genetic heterogeneity alleviates behavioral trade-off between exploration and vigilance in Drosophila. iScience, 29(6), 116171.

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.

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

Scharenbrock AR, et al. (2021) Beta-blockers reduce intestinal permeability and early mortality following traumatic brain injury in Drosophila. microPublication biology, 2021.

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

Ravenscroft TA, et al. (2020) Drosophila Voltage-Gated Sodium Channels Are Only Expressed in Active Neurons and Are Localized to Distal Axonal Initial Segment-like Domains. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(42), 7999.