# Resource Summary Report

Generated by T1D on Sep 6, 2026

## DGRP-832

RRID:BDSC_28245
Type: Organism

### Proper Citation

RRID:BDSC_28245

### Organism Information

**URL:** https://n2t.net/bdsc:28245

**Proper Citation:** RRID:BDSC_28245

**Description:** Drosophila melanogaster with name DGRP-832 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:** 28245

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

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC_28245, BDSC:28245, BL28245

**Organism Name:** DGRP-832

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

**Record Last Update:** 20260905T140228+0000

### Ratings and Alerts

No rating or validation information has been found for DGRP-832.

No alerts have been found for DGRP-832.

## Data and Source Information

**Source:** Integrated Animals

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

## Usage and Citation Metrics

We found 10 mentions in open access literature.

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


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

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.

Jansen G, et al. (2024) Tolerance thresholds underlie responses to DNA damage during germline development. Genes & development, 38(13-14), 631.

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.

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.

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