

Resource Summary Report

Generated by [NIF](#) on Sep 18, 2026

DGRP-406

RRID:BDSC_29657

Type: Organism

Proper Citation

RRID:BDSC_29657

Organism Information

URL: <https://n2t.net/bdsc:29657>

Proper Citation: RRID:BDSC_29657

Description: Drosophila melanogaster with name DGRP-406 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: 29657

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_29657, BDSC:29657, BL29657

Organism Name: DGRP-406

Record Creation Time: 20240911T222506+0000

Record Last Update: 20260912T203537+0000

Ratings and Alerts

No rating or validation information has been found for DGRP-406.

No alerts have been found for DGRP-406.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

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).

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.

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*.

Requena T, et al. (2022) A *Drosophila* model for Meniere's disease: Dystrobrevin is required for support cell function in hearing and proprioception. *Frontiers in cell and developmental biology*, 10, 1015651.

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

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