Resource Summary Report

Generated by kravitz2 on Sep 20, 2026

DGRP-705

RRID:BDSC_25744
Type: Organism

Proper Citation

RRID:BDSC_25744

Organism Information

URL: https://n2t.net/bdsc:25744

Proper Citation: RRID:BDSC_25744

Description: Drosophila melanogaster with name DGRP-705 from BDSC.

Species: Drosophila melanogaster

Notes: Drosophila Genetic Reference Panel strain - sequenced isogenic reference wild type strain (aka 'Raleigh' or 'Mackay' line), core 40 set. Donor: Trudy Mackay, North Carolina State University

Genomic Alteration: Chromosome wt

Catalog Number: 25744

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25744, BDSC:25744, BL25744

Organism Name: DGRP-705

Record Creation Time: 20240911T222429+0000

Record Last Update: 20260919T202817+0000

Ratings and Alerts

No rating or validation information has been found for DGRP-705.

No alerts have been found for DGRP-705.

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 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).

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).

Tran NV, et al. (2024) Programmed disassembly of a microtubule-based membrane protrusion network coordinates 3D epithelial morphogenesis in Drosophila. The EMBO journal, 43(4), 568.

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

Chechenova M, et al. (2023) Quantitative model of aging-related muscle degeneration: a Drosophila study. bioRxiv : the preprint server for biology.

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

Patel SP, et al. (2021) Identification of genetic modifiers of lifespan on a high sugar diet in the Drosophila Genetic Reference Panel. Heliyon, 7(6), e07153.

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

Langley CH, et al. (2012) Genomic variation in natural populations of Drosophila melanogaster. Genetics, 192(2), 533.