Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 10, 2025

RRID:BDSC_5
Type: Organism

Proper Citation

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Organism Information

URL: https://n2t.net/bdsc:5

Proper Citation: RRID:BDSC_5

Description: Drosophila melanogaster with name from BDSC.

Species: Drosophila melanogaster

Notes: Homozygous for Adh allele producing 'slow' migrating isozyme. Wolbachia dnaA sequences present per B. Savakis, 1/1994. Wolbachia present per Mihailo Jelic, 12/2009. Wolbachia present per K. Sheehan 3/13/2012. Donor: Caltech Stock Center

Genomic Alteration: Chromosome wt

Catalog Number: 5

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:5, BL5

Record Creation Time: 20240911T222119+0000

Record Last Update: 20250331T210521+0000

Ratings and Alerts

No rating or validation information has been found for .

No alerts have been found for .

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 71 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Plygawko AT, et al. (2024) The Drosophila adult midgut progenitor cells arise from asymmetric divisions of neuroblast-like cells. Developmental cell.

Tsap MI, et al. (2024) Unraveling the link between neuropathy target esterase NTE/SWS, lysosomal storage diseases, inflammation, abnormal fatty acid metabolism, and leaky brain barrier. eLife, 13.

Kovaka S, et al. (2024) Uncalled4 improves nanopore DNA and RNA modification detection via fast and accurate signal alignment. bioRxiv : the preprint server for biology.

Joyce M, et al. (2024) Divergent evolution of sleep in Drosophila species. Nature communications, 15(1), 5091.

Barron AJ, et al. (2024) Microbiome-derived acidity protects against microbial invasion in Drosophila. Cell reports, 43(4), 114087.

Gao J, et al. (2024) Dietary L-Glu sensing by enteroendocrine cells adjusts food intake via modulating gut PYY/NPF secretion. Nature communications, 15(1), 3514.

Matsuka M, et al. (2024) Fecundity is optimized by levels of nutrient signal-dependent expression of Dve and EcR in Drosophila male accessory gland. Developmental biology, 508, 8.

Cinege G, et al. (2024) Cellular Immunity of Drosophila willistoni Reveals Novel Complexity in Insect Anti-Parasitoid Defense. Cells, 13(7).

Carney TD, et al. (2024) Tumor suppressor miR-317 and lncRNA Peony are expressed from a polycistronic non-coding RNA locus that regulates germline differentiation and testis morphology. bioRxiv : the preprint server for biology.

Sidisky JM, et al. (2023) Genome-wide analysis reveals novel regulators of synaptic maintenance in Drosophila. Genetics, 223(4).

Gowda SBM, et al. (2023) Serotonin distinctly controls behavioral states in restrained and freely moving Drosophila. iScience, 26(1), 105886.

Cheong HSJ, et al. (2023) Organization of an Ascending Circuit that Conveys Flight Motor State. bioRxiv : the preprint server for biology.

Rey S, et al. (2023) Glial-dependent clustering of voltage-gated ion channels in Drosophila precedes myelin formation. eLife, 12.

Chang CH, et al. (2023) Expansion and loss of sperm nuclear basic protein genes in Drosophila correspond with genetic conflicts between sex chromosomes. eLife, 12.

Giedt MS, et al. (2023) Adipose triglyceride lipase promotes prostaglandin-dependent actin remodeling by regulating substrate release from lipid droplets. Development (Cambridge, England), 150(20).

Clarke DN, et al. (2023) EGFR-dependent actomyosin patterning coordinates morphogenetic movements between tissues. bioRxiv : the preprint server for biology.

Katheder NS, et al. (2023) Nicotinic acetylcholine receptor signaling maintains epithelial barrier integrity. eLife, 12.

Barron AJ, et al. (2023) Microbiome derived acidity protects against microbial invasion in Drosophila. bioRxiv : the preprint server for biology.

Almaliki HS, et al. (2023) Mutational Analysis of Aspergillus fumigatus Volatile Oxylipins in a Drosophila Eclosion Assay. Journal of fungi (Basel, Switzerland), 9(4).

Russell SL, et al. (2023) Wolbachia endosymbionts manipulate the self-renewal and differentiation of germline stem cells to reinforce fertility of their fruit fly host. PLoS biology, 21(10), e3002335.