

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

Canton-S

RRID:BDSC_64349

Type: Organism

Proper Citation

RRID:BDSC_64349

Organism Information

URL: <https://n2t.net/bdsc:64349>

Proper Citation: RRID:BDSC_64349

Description: Drosophila melanogaster with name Canton-S from BDSC.

Species: Drosophila melanogaster

Notes: Originally stk#1, which was contaminated. This is replacement from Kyoto Stock Center. Donor: Kyoto Stock Center, Kyoto Institute of Technology; Donor's Source: Bloomington Drosophila Stock Center

Genomic Alteration: Chromosome wt

Catalog Number: 64349

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_64349, BDSC:64349, BL64349

Organism Name: Canton-S

Record Creation Time: 20240911T222959+0000

Record Last Update: 20260905T140940+0000

Ratings and Alerts

No rating or validation information has been found for Canton-S.

No alerts have been found for Canton-S.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 1793 mentions in open access literature.

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

Lyu C, et al. (2026) Rewiring an olfactory circuit by altering cell-surface combinatorial code. *Nature*, 649(8097), 677.

Xu L, et al. (2026) Sulphur-containing amino acids promote the expression of CG33474 and its neighbouring genes through the transsulphuration pathway. *Fly*, 20(1), 2650576.

Rodriguez Borrero E, et al. (2026) Diet Modification Alters Repeated Exposure Ethanol Tolerance Development. *microPublication biology*, 2026.

Meng C, et al. (2026) Exogenous 2-Keto-L-Gulonic Acid Supplementation Promotes L-Ascorbic Acid Biosynthesis in *Drosophila melanogaster*. *International journal of molecular sciences*, 27(2).

Benoit JB, et al. (2026) Dehydrating microhabitats increase mite activity and intensify ectoparasitism of *Drosophila*. *Journal of comparative physiology. B, Biochemical, systemic, and environmental physiology*, 196(1), 81.

Maasdorp MK, et al. (2026) IbinA and IbinB regulate the Toll pathway-mediated immune response in *Drosophila melanogaster*. *BMC biology*, 24(1), 33.

Sánchez-Rodríguez DA, et al. (2026) Early-Life Heat Stress Exposes Genotype-Dependent Male Fertility Limits in *Drosophila melanogaster* Under Sublethal Agrochemical Exposure. *Insects*, 17(4).

Ding Y, et al. (2026) *Drosophila melanogaster* larvae generate force to counteract external mechanical pressure. *The Journal of experimental biology*, 229(5).

Yamanouchi HM, et al. (2026) YORU: Animal behavior detection with object-based approach for real-time closed-loop feedback. *Science advances*, 12(7), eadw2109.

Muñoz-Carvajal F, et al. (2026) Age-dependent H3K9 trimethylation by dSetdb1 impairs mitochondrial UPR leading to degeneration of olfactory neurons and loss of olfactory function in *Drosophila*. *eLife*, 15.

Zhang T, et al. (2026) Functions of Uninflatable in the *Drosophila melanogaster* wing and notum. *PloS one*, 21(5), e0344871.

Harrison BR, et al. (2026) Early-Life Climbing Stratifies the Metabolome and Mortality Risk in Genetically Identical Flies. *Aging cell*, 25(1), e70299.

Müller F, et al. (2026) Single nucleotide variants in UNC13C associated with neurodevelopmental disorders affect ethanol sensitivity in *Drosophila*. *Biochemistry and biophysics reports*, 45, 102375.

Koury S, et al. (2026) An extension of the Cx(Co) m model of crossover patterning to account for experimental mortality in *Drosophila melanogaster*. *bioRxiv : the preprint server for biology*.

Mitra D, et al. (2026) MIM triggers formin to Arp2/3-based actin assembly in membrane remodeling in *Drosophila* embryos. *The Journal of cell biology*, 225(4).

Alves CS, et al. (2026) Duox-driven ROS release by glia promotes regeneration in the adult *Drosophila* brain. *EMBO reports*, 27(5), 1103.

Liu Z, et al. (2026) Structural and Metabolic Remodeling of Mixed Lactic Acid Bacteria-Fermented Wheat Germ and Its In Vitro and In Vivo Digestive Stability. *Foods (Basel, Switzerland)*, 15(4).

Rocabert A, et al. (2026) Life-Stage-Dependent Variation in Gastrointestinal Microbial Communities of *Drosophila melanogaster*. *Microbial ecology*, 89(1).

Hollekim M, et al. (2026) Invasive African fig flies (*Zaprionus indianus*) have reduced cold acclimation ability compared to cosmopolitan drosophilid species. *microPublication biology*, 2026.

Liu G, et al. (2026) *Drosophila* host defense mechanisms against filamentous fungal pathogens with diverse lifestyles. *PLoS pathogens*, 22(3), e1013995.