Resource Summary Report

Generated by NIF on Sep 17, 2026

y[1] w[*]; Mi{y[+mDint2]=MIC}Ir62a[MI00895] Iml1[MI00895]/TM3, Sb[1] Ser[1]

RRID:BDSC_32713
Type: Organism

Proper Citation

RRID:BDSC_32713

Organism Information

URL: https://n2t.net/bdsc:32713

Proper Citation: RRID:BDSC_32713

Description: Drosophila melanogaster with name y[1] w[*]; Mi{y[+mDint2]=MIC}Ir62a[MI00895] Iml1[MI00895]/TM3, Sb[1] Ser[1] from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes may be present. Ser[1] may be suppressed. Donor: Gene Disruption Project; Donor's Source: Hugo J. Bellen, Baylor College of Medicine

Affected Gene: Iml1, Ir62a, Sb, Ser, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 32713

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32713, BDSC:32713, BL32713

Organism Name: y[1] w[*]; Mi{y[+mDint2]=MIC}Ir62a[MI00895] Iml1[MI00895]/TM3, Sb[1] Ser[1]

Record Creation Time: 20240911T222535+0000

Record Last Update: 20260912T203617+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; Mi{y[+mDint2]=MIC}Ir62a[MI00895] Iml1[MI00895]/TM3, Sb[1] Ser[1].

No alerts have been found for y[1] w[*]; Mi{y[+mDint2]=MIC}Ir62a[MI00895] Iml1[MI00895]/TM3, Sb[1] Ser[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Nhuchhen Pradhan R, et al. (2025) Cholesterol taste avoidance in Drosophila melanogaster. eLife, 14.

Pradhan RN, et al. (2025) Ionotropic receptors mediate arachidic acid perception and food avoidance behavior in Drosophila melanogaster. Molecules and cells, 48(12), 100290.

Shrestha B, et al. (2024) Pharyngeal neuronal mechanisms governing sour taste perception in Drosophila melanogaster. eLife, 13.

Pandey P, et al. (2024) Avoiding alkaline taste through ionotropic receptors. iScience, 27(6), 110087.

Sang J, et al. (2024) A single pair of pharyngeal neurons functions as a commander to reject high salt in Drosophila melanogaster. eLife, 12.

Sang J, et al. (2023) A single pair of pharyngeal neurons functions as a commander to reject high salt in Drosophila melanogaster. bioRxiv : the preprint server for biology.

Pradhan RN, et al. (2023) Molecular Basis of Hexanoic Acid Taste in Drosophila melanogaster. Molecules and cells, 46(7), 451.

Shrestha B, et al. (2023) The taste of vitamin C in Drosophila. EMBO reports, e56319.

Li X, et al. (2023) Taste coding of heavy metal ion-induced avoidance in Drosophila. iScience, 26(5), 106607.

McDowell SAT, et al. (2022) A molecular mechanism for high salt taste in Drosophila. Current biology : CB, 32(14), 3070.

Aryal B, et al. (2022) Molecular and neuronal mechanisms for amino acid taste perception in the Drosophila labellum. Current biology : CB, 32(6), 1376.

Dhakal S, et al. (2021) Ionotropic receptors mediate nitrogenous waste avoidance in Drosophila melanogaster. Communications biology, 4(1), 1281.

Shrestha B, et al. (2021) Mechanisms of Carboxylic Acid Attraction in Drosophila melanogaster. Molecules and cells, 44(12), 900.

Stanley M, et al. (2021) Mechanisms of lactic acid gustatory attraction in Drosophila. Current biology : CB, 31(16), 3525.

Guo H, et al. (2020) Multiple channels of DEET repellency in Drosophila. Pest management science, 76(3), 880.

Rimal S, et al. (2020) Cucurbitacin B Activates Bitter-Sensing Gustatory Receptor Neurons via Gustatory Receptor 33a in Drosophila melanogaster. Molecules and cells, 43(6), 530.

Ahn JE, et al. (2017) Molecular basis of fatty acid taste in Drosophila. eLife, 6.

Kim W, et al. (2017) Spatial Activation of TORC1 Is Regulated by Hedgehog and E2F1 Signaling in the Drosophila Eye. Developmental cell, 42(4), 363.