Resource Summary Report

Generated by dkNET on Sep 12, 2026

w[1118]; P{w[+mC]=UAS-DenMark}2, P{w[+mC]=UAS-syt.eGFP}2; In(3L)D, mirr[SaiD1] D[1]/TM6C, Sb[1] Tb[1]

RRID:BDSC_33064
Type: Organism

Proper Citation

RRID:BDSC_33064

Organism Information

URL: https://n2t.net/bdsc:33064

Proper Citation: RRID:BDSC_33064

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-DenMark}2, P{w[+mC]=UAS-syt.eGFP}2; In(3L)D, mirr[SaiD1] D[1]/TM6C, Sb[1] Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Bassem Hassan, Katholieke Universiteit Leuven

Affected Gene: D, mirr, Mmus\Icam5, UAS, Syt1, Sb, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 33064

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_33064, BDSC:33064, BL33064

Organism Name: w[1118]; P{w[+mC]=UAS-DenMark}2, P{w[+mC]=UAS-syt.eGFP}2; In(3L)D, mirr[SaiD1] D[1]/TM6C, Sb[1] Tb[1]

Record Creation Time: 20240911T222539+0000

Record Last Update: 20260912T203621+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-DenMark}2, P{w[+mC]=UAS-syt.eGFP}2; In(3L)D, mirr[SaiD1] D[1]/TM6C, Sb[1] Tb[1].

No alerts have been found for w[1118]; P{w[+mC]=UAS-DenMark}2, P{w[+mC]=UAS-syt.eGFP}2; In(3L)D, mirr[SaiD1] D[1]/TM6C, Sb[1] Tb[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Fernandez-Acosta M, et al. (2025) Triggering and modulation of a complex behavior by a single peptidergic command neuron in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 122(11), e2420452122.

Carrier Y, et al. (2024) Biased cell adhesion organizes the Drosophila visual motion integration circuit. Developmental cell.

Imoto K, et al. (2024) Neural-circuit basis of song preference learning in fruit flies. iScience, 27(7), 110266.

Liu J, et al. (2023) Alleviation of thermal nociception depends on heat-sensitive neurons and a TRP channel in the brain. Current biology : CB, 33(12), 2397.

Sizemore TR, et al. (2023) Heterogeneous receptor expression underlies non-uniform peptidergic modulation of olfaction in Drosophila. Nature communications, 14(1), 5280.

Jouandet GC, et al. (2023) Rapid threat assessment in the Drosophila thermosensory system. Nature communications, 14(1), 7067.

Mabuchi Y, et al. (2023) Visual feedback neurons fine-tune Drosophila male courtship via GABA-mediated inhibition. Current biology : CB, 33(18), 3896.

Kurogi Y, et al. (2023) Female reproductive dormancy in Drosophila is regulated by DH31-producing neurons projecting into the corpus allatum. Development (Cambridge, England), 150(10).

Wang T, et al. (2022) Drosulfakinin signaling modulates female sexual receptivity in Drosophila. eLife, 11.

Kato YS, et al. (2022) Interneurons of fan-shaped body promote arousal in Drosophila. PloS one, 17(11), e0277918.

Riva S, et al. (2022) Mating disrupts morning anticipation in Drosophila melanogaster females. PLoS genetics, 18(12), e1010258.

Yao Z, et al. (2022) Serotonergic neurons translate taste detection into internal nutrient regulation. Neuron, 110(6), 1036.

Zhao Z, et al. (2021) Epigenetic regulator Stuxnet modulates octopamine effect on sleep through a Stuxnet-Polycomb-Oct?2R cascade. EMBO reports, 22(2), e47910.

Tomita J, et al. (2021) Protocerebral Bridge Neurons That Regulate Sleep in Drosophila melanogaster. Frontiers in neuroscience, 15, 647117.

Nojima T, et al. (2021) A sex-specific switch between visual and olfactory inputs underlies adaptive sex differences in behavior. Current biology : CB, 31(6), 1175.

Bidaye SS, et al. (2020) Two Brain Pathways Initiate Distinct Forward Walking Programs in Drosophila. Neuron, 108(3), 469.

Wang P, et al. (2020) Visceral Mechano-sensing Neurons Control Drosophila Feeding by Using Piezo as a Sensor. Neuron, 108(4), 640.

Städele C, et al. (2020) Non-canonical Receptive Field Properties and Neuromodulation of Feature-Detecting Neurons in Flies. Current biology : CB, 30(13), 2508.

Wei H, et al. (2020) The diversity of lobula plate tangential cells (LPTCs) in the Drosophila motion vision system. Journal of comparative physiology. A, Neuroethology, sensory, neural, and behavioral physiology, 206(2), 139.

Sun Y, et al. (2020) Social attraction in Drosophila is regulated by the mushroom body and serotonergic system. Nature communications, 11(1), 5350.