Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

y[1] w[*]; P{y[+t7.7] w[+mC]=lexAop-rCD2::RFP-p10.UAS-mCD8::GFP-p10}su(Hw)attP5/CyO; TM3, Sb[1]/TM6B, Tb[1]

RRID:BDSC_67093
Type: Organism

Proper Citation

RRID:BDSC_67093

Organism Information

URL: https://n2t.net/bdsc:67093

Proper Citation: RRID:BDSC_67093

Description: Drosophila melanogaster with name y[1] w[*]; P{y[+t7.7] w[+mC]=lexAop-rCD2::RFP-p10.UAS-mCD8::GFP-p10}su(Hw)attP5/CyO; TM3, Sb[1]/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Tzumin Lee, Howard Hughes Medical Institute, Janelia Research Campus

Affected Gene: Avic\GFP, Disc\RFP, lexAop, UAS, Sb, Tb, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 67093

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_67093, BL67093

Organism Name: y[1] w[*]; P{y[+t7.7] w[+mC]=lexAop-rCD2::RFP-p10.UAS-mCD8::GFP-p10}su(Hw)attP5/CyO; TM3, Sb[1]/TM6B, Tb[1]

Record Creation Time: 20240911T223026+0000

Record Last Update: 20260725T195845+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{y[+t7.7] w[+mC]=lexAop-rCD2::RFP-p10.UAS-mCD8::GFP-p10}su(Hw)attP5/CyO; TM3, Sb[1]/TM6B, Tb[1].

No alerts have been found for y[1] w[*]; P{y[+t7.7] w[+mC]=lexAop-rCD2::RFP-p10.UAS-mCD8::GFP-p10}su(Hw)attP5/CyO; TM3, Sb[1]/TM6B, Tb[1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Li Z, et al. (2025) Repulsive interactions instruct synaptic partner matching in an olfactory circuit. bioRxiv : the preprint server for biology.

Lyu C, et al. (2025) Dimensionality reduction simplifies synaptic partner matching in an olfactory circuit. Science (New York, N.Y.), 388(6746), 538.

Lyu C, et al. (2025) Rewiring an olfactory circuit by altering the combinatorial code of cell-surface proteins. Research square.

Jonaitis J, et al. (2025) Differential modulation of feedforward inhibition reflects topographic organization in the olfactory system. Nature communications, 16(1), 11165.

Wang G, et al. (2025) Sexual failure decreases sweet taste perception in male Drosophila via dopaminergic signaling. eLife, 14.

Samara E, et al. (2025) Columnar cholinergic neurotransmission onto T5 cells of Drosophila. Current biology : CB, 35(6), 1269.

Lyu C, et al. (2025) Rewiring an olfactory circuit by altering the combinatorial code of cell-surface proteins. bioRxiv : the preprint server for biology.

Avishai G, et al. (2025) Differential dopaminergic modulation of the antennal lobe of Drosophila melanogaster. Communications biology, 8(1), 1555.

Lee JW, et al. (2025) Microbiome-emitted scents activate olfactory neuron-independent airway-gut-brain axis to promote host growth in Drosophila. Nature communications, 16(1), 2199.

Li Z, et al. (2025) Repulsive interactions instruct synaptic partner matching in an olfactory circuit. Research square.

Rohrbach EW, et al. (2024) Expression and potential regulatory functions of Drosophila octopamine receptors in the female reproductive tract. G3 (Bethesda, Md.), 14(3).

Dai X, et al. (2024) Four SpsP neurons are an integrating sleep regulation hub in Drosophila. Science advances, 10(47), eads0652.

Meschi E, et al. (2024) Compensatory enhancement of input maintains aversive dopaminergic reinforcement in hungry Drosophila. Neuron, 112(14), 2315.

Zhang N, et al. (2022) A pair of commissural command neurons induces Drosophila wing grooming. iScience, 25(2), 103792.

Guo D, et al. (2021) Cholecystokinin-like peptide mediates satiety by inhibiting sugar attraction. PLoS genetics, 17(8), e1009724.

Qi W, et al. (2021) A novel satiety sensor detects circulating glucose and suppresses food consumption via insulin-producing cells in Drosophila. Cell research, 31(5), 580.

Li Q, et al. (2021) Mechanism for food texture preference based on grittiness. Current biology : CB, 31(9), 1850.

Li Q, et al. (2020) Temperature and Sweet Taste Integration in Drosophila. Current biology : CB, 30(11), 2051.

Plazaola-Sasieta H, et al. (2019) Drosophila ClC-a is required in glia of the stem cell niche for proper neurogenesis and wiring of neural circuits. Glia, 67(12), 2374.

Wu SF, et al. (2019) Sweet neurons inhibit texture discrimination by signaling TMC-expressing mechanosensitive neurons in Drosophila. eLife, 8.