

Resource Summary Report

Generated by [NIF](#) on Sep 17, 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, 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: 20260912T204240+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 24 mentions in open access literature.

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

Qin W, et al. (2026) Hugin-AstA circuitry is a novel central energy sensor that directly regulates sweet sensation in Drosophila and mouse. eLife, 14.

Gadau A, et al. (2026) Molecular evolution of CO2-sensing ab1C neurons underlies divergent sensory responses in the Drosophila suzukii species group. PLoS genetics, 22(1), e1012024.

??zmen M, et al. (2026) Homotypic dendritic interactions constrain growth and receptor distribution in Drosophila T4 neurons without affecting orientation or function. Development (Cambridge, England), 153(7).

Hemmi C, et al. (2026) Neuropeptidergic circuit modulation of developmental sleep in Drosophila. eLife, 14.

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. 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.

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.

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

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

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

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.

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.