

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[y\[1\] w\[*\]; P{w\[+mC\]=UAS-CD4-tdGFP}8M2](#)

RRID:BDSC_35839

Type: Organism

Proper Citation

RRID:BDSC_35839

Organism Information

URL: <https://n2t.net/bdsc:35839>

Proper Citation: RRID:BDSC_35839

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UAS-CD4-tdGFP}8M2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating SM6b. Donor: Yuh Nung Jan & Chun Han, University of California, San Francisco

Affected Gene: Avic\GFP, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 35839

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_35839, BDSC:35839, BL35839

Organism Name: y[1] w[*]; P{w[+mC]=UAS-CD4-tdGFP}8M2

Record Creation Time: 20240911T222608+0000

Record Last Update: 20260912T203653+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=UAS-CD4-tdGFP}8M2.

No alerts have been found for y[1] w[*]; P{w[+mC]=UAS-CD4-tdGFP}8M2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Kehribar M, et al. (2026) Selective adhesion preserves eye patterning as axonal retinotopy in the Drosophila brain. *Current biology : CB*, 36(5), 1097.

Lane AR, et al. (2025) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. *Molecular biology of the cell*, 36(3), ar33.

Lu W, et al. (2025) 'Mitotic' kinesin-5 is a dynamic brake for axonal growth in Drosophila. *Development (Cambridge, England)*, 152(9).

Zhang T, et al. (2025) Neuropeptide-mediated synaptic plasticity regulates context-dependent mating behaviors in Drosophila. *PLoS biology*, 23(9), e3003330.

Sun Y, et al. (2025) Genetic screening reveals cone cell-specific factors as common genetic targets modulating rival-induced prolonged mating in male Drosophila melanogaster. *G3 (Bethesda, Md.)*, 15(1).

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

Luedke KP, et al. (2024) Dendrite intercalation between epidermal cells tunes nociceptor sensitivity to mechanical stimuli in Drosophila larvae. *PLoS genetics*, 20(4), e1011237.

Lane AR, et al. (2024) Adaptive protein synthesis in genetic models of copper deficiency and childhood neurodegeneration. *bioRxiv : the preprint server for biology*.

Nguyen TH, et al. (2024) scRNA-seq data from the larval Drosophila ventral cord provides a resource for studying motor systems function and development. *Developmental cell*, 59(9), 1210.

Inami S, et al. (2024) Sleep induced by mechanosensory stimulation provides cognitive and health benefits in Drosophila. *Sleep*, 47(12).

Inami S, et al. (2024) Sleep induced by mechanosensory stimulation provides cognitive and health benefits in *Drosophila*. *bioRxiv : the preprint server for biology*.

Li K, et al. (2023) Belly roll, a GPI-anchored Ly6 protein, regulates *Drosophila melanogaster* escape behaviors by modulating the excitability of nociceptive peptidergic interneurons. *eLife*, 12.

Han Y, et al. (2022) Botulinum neurotoxin accurately separates tonic vs. phasic transmission and reveals heterosynaptic plasticity rules in *Drosophila*. *eLife*, 11.

Shweta K, et al. (2021) FGFR/Heartless and Smog interact synergistically to negatively regulate Fog mediated G-protein coupled receptor signaling in the *Drosophila* nervous system. *G3 (Bethesda, Md.)*, 11(3).

Kohrs FE, et al. (2021) Systematic functional analysis of rab GTPases reveals limits of neuronal robustness to environmental challenges in flies. *eLife*, 10.

Poe AR, et al. (2020) Low FoxO expression in *Drosophila* somatosensory neurons protects dendrite growth under nutrient restriction. *eLife*, 9.

Brent AE, et al. (2020) Insulin and Leptin/Upd2 Exert Opposing Influences on Synapse Number in Fat-Sensing Neurons. *Cell metabolism*, 32(5), 786.

Pérez-Moreno JJ, et al. (2019) GAL4 Drivers Specific for Type Ib and Type Is Motor Neurons in *Drosophila*. *G3 (Bethesda, Md.)*, 9(2), 453.

Krause T, et al. (2019) *Drosophila* Acquires a Long-Lasting Body-Size Memory from Visual Feedback. *Current biology : CB*, 29(11), 1833.

Özel MN, et al. (2019) Serial Synapse Formation through Filopodial Competition for Synaptic Seeding Factors. *Developmental cell*, 50(4), 447.