

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

[y\[1\] w\[*\]; P{w\[+mC\]=UAS-CD4-tdTom}7M1](#)

RRID:BDSC_35841

Type: Organism

Proper Citation

RRID:BDSC_35841

Organism Information

URL: <https://n2t.net/bdsc:35841>

Proper Citation: RRID:BDSC_35841

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UAS-CD4-tdTom}7M1 from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: Disc\lRFP, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 35841

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_35841, BDSC:35841, BL35841

Organism Name: y[1] w[*]; P{w[+mC]=UAS-CD4-tdTom}7M1

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-tdTom}7M1.

No alerts have been found for y[1] w[*]; P{w[+mC]=UAS-CD4-tdTom}7M1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Wu H, et al. (2026) Profiling presynaptic scaffolds using split-GFP reconstitution reveals cell-type-specific spatial configurations in the fly brain. eLife, 14.

Shen Y, et al. (2026) A genome-wide MAGIC kit for recombinase-independent mosaic analysis in Drosophila. eLife, 14.

Hiramatsu S, et al. (2026) Disruption of a selective vesicle pool upon retrograde amnesia dissociates memory at presynaptic terminals. Proceedings of the National Academy of Sciences of the United States of America, 123(10), e2514875123.

Hiramatsu S, et al. (2025) Synaptic enrichment and dynamic regulation of the two opposing dopamine receptors within the same neurons. eLife, 13.

Wu H, et al. (2025) Octopamine signaling regulates the intracellular pattern of the presynaptic active zone scaffold within Drosophila mushroom body neurons. PLoS biology, 23(10), e3003449.

Sarnataro R, et al. (2025) Mitochondrial origins of the pressure to sleep. Nature, 645(8081), 722.

Xu Y, et al. (2024) In vivo optogenetic manipulations of endogenous proteins reveal spatiotemporal roles of microtubule and kinesin in dendrite patterning. Science advances, 10(35), eadp0138.

Bui KC, et al. (2024) Adjacent Neuronal Fascicle Guides Motoneuron 24 Dendritic Branching and Axonal Routing Decisions through Dscam1 Signaling. bioRxiv : the preprint server for biology.

Catudio Garrett E, et al. (2023) The matricellular protein Drosophila Cellular Communication Network Factor is required for synaptic transmission and female fertility. Genetics, 223(3).

Cavey M, et al. (2023) Increased sugar valuation contributes to the evolutionary shift in egg-laying behavior of the fruit pest *Drosophila suzukii*. *PLoS biology*, 21(12), e3002432.

Yu J, et al. (2023) A dedicate sensorimotor circuit enables fine texture discrimination by active touch. *PLoS genetics*, 19(1), e1010562.

Song X, et al. (2023) DCX-EMAP is a core organizer for the ultrastructure of *Drosophila* mechanosensory organelles. *The Journal of cell biology*, 222(10).

Shen P, et al. (2023) Neural circuit mechanisms linking courtship and reward in *Drosophila* males. *Current biology : CB*, 33(10), 2034.

Xu Y, et al. (2023) Light-induced trapping of endogenous proteins reveals spatiotemporal roles of microtubule and kinesin-1 in dendrite patterning of *Drosophila* sensory neurons. *bioRxiv : the preprint server for biology*.

Ji H, et al. (2022) Phagocytosis and self-destruction break down dendrites of *Drosophila* sensory neurons at distinct steps of Wallerian degeneration. *Proceedings of the National Academy of Sciences of the United States of America*, 119(4).

Hughson BN, et al. (2022) PKG acts in the adult corpora cardiaca to regulate nutrient stress-responsivity through adipokinetic hormone. *Journal of insect physiology*, 136, 104339.

Zhao Y, et al. (2022) Identification of a GABAergic neuroblast lineage modulating sweet and bitter taste sensitivity. *Current biology : CB*, 32(24), 5354.

Auer TO, et al. (2022) Copy number changes in co-expressed odorant receptor genes enable selection for sensory differences in drosophilid species. *Nature ecology & evolution*, 6(9), 1343.

Giachello CNG, et al. (2022) Electrophysiological Validation of Monosynaptic Connectivity between Premotor Interneurons and the aCC Motoneuron in the *Drosophila* Larval CNS. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(35), 6724.

Liu Z, et al. (2022) *Drosophila* mechanical nociceptors preferentially sense localized poking. *eLife*, 11.