

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

[w\[1118\]; P{w\[+mC\]=ppk-CD4-tdTom}10a/TM6B, Tb\[1\]](#)

RRID:BDSC_35845

Type: Organism

Proper Citation

RRID:BDSC_35845

Organism Information

URL: <https://n2t.net/bdsc:35845>

Proper Citation: RRID:BDSC_35845

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=ppk-CD4-tdTom}10a/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM6B, Tb[1]. Donor: Yuh Nung Jan & Chun Han, University of California, San Francisco

Affected Gene: Disc\RFP, ppk, Tb, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 35845

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_35845, BDSC:35845, BL35845

Organism Name: w[1118]; P{w[+mC]=ppk-CD4-tdTom}10a/TM6B, Tb[1]

Record Creation Time: 20240911T222608+0000

Record Last Update: 20260905T140419+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=ppk-CD4-tdTom}10a/TM6B, Tb[1].

No alerts have been found for w[1118]; P{w[+mC]=ppk-CD4-tdTom}10a/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Zheng T, et al. (2025) Glial-derived TNF/Eiger signaling promotes somatosensory neurite sculpting. Cellular and molecular life sciences : CMLS, 82(1), 47.

Sung HH, et al. (2024) Galectins induced from hemocytes bridge phosphatidylserine and N-glycosylated Drpr/CED-1 receptor during dendrite pruning. Nature communications, 15(1), 7402.

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

Nakamizo-Dojo M, et al. (2023) Descending GABAergic pathway links brain sugar-sensing to peripheral nociceptive gating in Drosophila. Nature communications, 14(1), 6515.

Mitchell JW, et al. (2023) Coordination of Pickpocket ion channel delivery and dendrite growth in Drosophila sensory neurons. PLoS genetics, 19(11), e1011025.

Li H, et al. (2022) Fringe-positive Golgi outposts unite temporal Furin 2 convertase activity and spatial Delta signal to promote dendritic branch retraction. Cell reports, 40(12), 111372.

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

Basak R, et al. (2021) Focal laser stimulation of fly nociceptors activates distinct axonal and dendritic Ca²⁺ signals. Biophysical journal, 120(15), 3222.

Yang SZ, et al. (2020) Golgi Outposts Locally Regulate Microtubule Orientation in Neurons but Are Not Required for the Overall Polarity of the Dendritic Cytoskeleton. Genetics, 215(2), 435.

Lin T, et al. (2020) Rab11 activation by Ik2 kinase is required for dendrite pruning in Drosophila sensory neurons. PLoS genetics, 16(2), e1008626.

Jiang N, et al. (2019) A conserved morphogenetic mechanism for epidermal ensheathment of nociceptive sensory neurites. *eLife*, 8.

Yan C, et al. (2018) Microtubule Acetylation Is Required for Mechanosensation in *Drosophila*. *Cell reports*, 25(4), 1051.

Jiang N, et al. (2018) Superresolution imaging of *Drosophila* tissues using expansion microscopy. *Molecular biology of the cell*, 29(12), 1413.

Hoyer N, et al. (2018) Ret and Substrate-Derived TGF- β 1 Regulate Space-Filling Dendrite Growth in *Drosophila* Sensory Neurons. *Cell reports*, 24(9), 2261.