

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 12, 2025

w[1118]; P{w[+mC]=ppk-CD4-tdGFP}1b

RRID:BDSC_35842

Type: Organism

Proper Citation

RRID:BDSC_35842

Organism Information

URL: <https://n2t.net/bdsc:35842>

Proper Citation: RRID:BDSC_35842

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=ppk-CD4-tdGFP}1b from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: Avic\GFP, ppk, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 35842

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:35842, BL35842

Organism Name: w[1118]; P{w[+mC]=ppk-CD4-tdGFP}1b

Record Creation Time: 20240911T222608+0000

Record Last Update: 20250331T212151+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=ppk-CD4-tdGFP}1b.

No alerts have been found for w[1118]; P{w[+mC]=ppk-CD4-tdGFP}1b.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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

Mukherjee A, et al. (2024) β -TuRCs and the augmin complex are required for the development of highly branched dendritic arbors in Drosophila. *Journal of cell science*, 137(9).

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

Nguyen C, et al. (2021) Comparing Automated Morphology Quantification Software on Dendrites of Uninjured and Injured Drosophila Neurons. *Neuroinformatics*, 19(4), 703.

Koreman GT, et al. (2021) Upgraded CRISPR/Cas9 tools for tissue-specific mutagenesis in Drosophila. *Proceedings of the National Academy of Sciences of the United States of America*, 118(14).

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.

Wang Q, et al. (2020) Optical control of ERK and AKT signaling promotes axon regeneration and functional recovery of PNS and CNS in Drosophila. *eLife*, 9.

Mukherjee A, et al. (2020) Microtubules originate asymmetrically at the somatic golgi and are guided via Kinesin2 to maintain polarity within neurons. *eLife*, 9.

Sears JC, et al. (2016) FoxO regulates microtubule dynamics and polarity to promote dendrite branching in *Drosophila* sensory neurons. *Developmental biology*, 418(1), 40.