

Resource Summary Report

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w[1118]; P{w[+mC]=ppk-CD4-tdTom}4a

RRID:BDSC_35844

Type: Organism

Proper Citation

RRID:BDSC_35844

Organism Information

URL: <https://n2t.net/bdsc:35844>

Proper Citation: RRID:BDSC_35844

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=ppk-CD4-tdTom}4a from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: Disc\RFP, ppk, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 35844

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:35844, BL35844

Organism Name: w[1118]; P{w[+mC]=ppk-CD4-tdTom}4a

Record Creation Time: 20240911T222608+0000

Record Last Update: 20250420T055157+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=ppk-CD4-tdTom}4a.

No alerts have been found for w[1118]; P{w[+mC]=ppk-CD4-tdTom}4a.

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](#).

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

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.

Del Castillo U, et al. (2022) Ataxin-2 is essential for cytoskeletal dynamics and neurodevelopment in Drosophila. iScience, 25(1), 103536.

McParland A, et al. (2021) The brinker repressor system regulates injury-induced nociceptive sensitization in Drosophila melanogaster. Molecular pain, 17, 17448069211037401.

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

Yoong LF, et al. (2020) Atypical Myosin Tunes Dendrite Arbor Subdivision. Neuron, 106(3), 452.

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.

Norkett R, et al. (2020) Ser/Thr kinase Trc controls neurite outgrowth in Drosophila by modulating microtubule-microtubule sliding. eLife, 9.

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