Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 31, 2025

w[1118]; CyO, P{w[+mC]=FRT(w[+])Tub-PBac\T}2/wg[Sp-1]

RRID:BDSC_8283
Type: Organism

Proper Citation

RRID:BDSC_8283

Organism Information

URL: https://n2t.net/bdsc:8283

Proper Citation: RRID:BDSC_8283

Description: Drosophila melanogaster with name w[1118]; CyO, P{w[+mC]=FRT(w[+])Tub-PBac\T}2/wg[Sp-1] from BDSC.

Species: Drosophila melanogaster

Notes: Stock #8285 is this insertion with mini-white removed by FLP recombinase. Multiple copies of P{FRT(w[+])Tub-PBac\T} may be present on CyO. Donor: Exelixis, Inc.

Affected Gene: alphaTub84B, Scer\FRT, Tni\piggyBac\T, wg, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 8283

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:8283, BL8283

Organism Name: w[1118]; CyO, P{w[+mC]=FRT(w[+])Tub-PBac\T}2/wg[Sp-1]

Record Creation Time: 20240911T222215+0000

Record Last Update: 20241014T190246+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; CyO, P{w[+mC]=FRT(w[+])Tub-PBac\T}2/wg[Sp-1].

No alerts have been found for w[1118]; CyO, P{w[+mC]=FRT(w[+])Tub-PBac\T}2/wg[Sp-1].

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Medeiros AT, et al. (2024) Ca2+ channel and active zone protein abundance intersects with input-specific synapse organization to shape functional synaptic diversity. eLife, 12.

Hogan CA, et al. (2023) Expanded tRNA methyltransferase family member TRMT9B regulates synaptic growth and function. EMBO reports, 24(10), e56808.

Thakur RS, et al. (2023) PDZD8 promotes autophagy at ER-Lysosome contact sites to regulate synaptogenesis. bioRxiv : the preprint server for biology.

Medeiros AT, et al. (2023) Molecular and organizational diversity intersect to generate functional synaptic heterogeneity within and between excitatory neuronal subtypes. bioRxiv : the preprint server for biology.

Contreras A, et al. (2023) Inositol in Disease and Development: Roles of Catabolism via myo-Inositol Oxygenase in Drosophila melanogaster. International journal of molecular sciences, 24(4).

Perry S, et al. (2022) A glutamate receptor C-tail recruits CaMKII to suppress retrograde homeostatic signaling. Nature communications, 13(1), 7656.

Vuilleumier R, et al. (2022) Dichotomous cis-regulatory motifs mediate the maturation of the neuromuscular junction by retrograde BMP signaling. Nucleic acids research, 50(17), 9748.

Dai W, et al. (2020) Tissue topography steers migrating Drosophila border cells. Science (New York, N.Y.), 370(6519), 987.

Stepanik V, et al. (2020) FGF Pyramus Has a Transmembrane Domain and Cell-Autonomous Function in Polarity. Current biology : CB, 30(16), 3141.

Gratz SJ, et al. (2019) Endogenous Tagging Reveals Differential Regulation of Ca2+ Channels at Single Active Zones during Presynaptic Homeostatic Potentiation and Depression. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(13), 2416.