

Resource Summary Report

Generated by [NIF](#) on Sep 10, 2026

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

Affected Gene: alphaTub84B, 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, 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: 20260905T135844+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 13 mentions in open access literature.

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

Connacher RP, et al. (2026) The RNA-binding activity of the Drosophila Brat protein is necessary for viability and mRNA regulation. *RNA biology*, 23(1), 1.

Van der Linden Costello P, et al. (2026) Selective regulation of transsynaptic alignment and postsynaptic assembly by a novel NCAM family synaptic adhesion molecule. *bioRxiv* : the preprint server for biology.

Han M, et al. (2025) Phage display-mediated immuno-PCR to detect low-abundance secreted proteins in Drosophila. *bioRxiv* : the preprint server for biology.

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.