

Resource Summary Report

Generated by PRECISE-TBI on Jul 30, 2026

w[1118]; P{w[+mC]=UAS-myr-mRFP}2/TM6B, Tb[1]

RRID:BDSC_7119

Type: Organism

Proper Citation

RRID:BDSC_7119

Organism Information

URL: <https://n2t.net/bdsc:7119>

Proper Citation: RRID:BDSC_7119

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-myr-mRFP}2/TM6B, Tb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Henry Chang, Yale University School of Medicine

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

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 7119

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_7119, BL7119

Organism Name: w[1118]; P{w[+mC]=UAS-myr-mRFP}2/TM6B, Tb[1]

Record Creation Time: 20240911T222206+0000

Record Last Update: 20260725T194841+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-myr-mRFP}2/TM6B, Tb[1].

No alerts have been found for w[1118]; P{w[+mC]=UAS-myr-mRFP}2/TM6B, Tb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 23 mentions in open access literature.

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

Castello-Pons M, et al. (2025) VP3.15, a dual GSK-3 β /PDE7 inhibitor, reduces glioblastoma tumor growth through changes in the tumor microenvironment in a PTEN wild-type context. *Neurotherapeutics : the journal of the American Society for Experimental NeuroTherapeutics*, 22(4), e00576.

Simon E, et al. (2025) Filopodia are essential for steroid release. *Nature communications*, 16(1), 5501.

Wang Q, et al. (2025) Targeting and anchoring the mechanosensitive ion channel Piezo to facilitate its inhibition of axon regeneration. *PLoS genetics*, 21(12), e1011968.

Liao JZ, et al. (2024) Cdk8/CDK19 promotes mitochondrial fission through Drp1 phosphorylation and can phenotypically suppress pink1 deficiency in *Drosophila*. *Nature communications*, 15(1), 3326.

Osaka J, et al. (2024) Complex formation of immunoglobulin superfamily molecules Side-IV and Beat-IIb regulates synaptic specificity. *Cell reports*, 43(2), 113798.

Dai X, et al. (2024) Four SpsP neurons are an integrating sleep regulation hub in *Drosophila*. *Science advances*, 10(47), eads0652.

Chang YH, et al. (2023) Endogenous retroviruses and TDP-43 proteinopathy form a sustaining feedback driving intercellular spread of *Drosophila* neurodegeneration. *Nature communications*, 14(1), 966.

Lei Y, et al. (2023) FGF signaling promotes spreading of fat body precursors necessary for adult adipogenesis in *Drosophila*. *PLoS biology*, 21(3), e3002050.

Ma M, et al. (2023) The fly homolog of SUPT16H, a gene associated with neurodevelopmental disorders, is required in a cell-autonomous fashion for cell survival. *Human molecular genetics*, 32(6), 984.

Losada-Pérez M, et al. (2022) Synaptic components are required for glioblastoma progression in *Drosophila*. *PLoS genetics*, 18(7), e1010329.

Bischoff MC, et al. (2021) Filopodia-based contact stimulation of cell migration drives tissue morphogenesis. *Nature communications*, 12(1), 791.

Jarabo P, et al. (2021) Insulin signaling mediates neurodegeneration in glioma. *Life science alliance*, 4(3).

di Pietro F, et al. (2021) Rapid and robust optogenetic control of gene expression in *Drosophila*. *Developmental cell*, 56(24), 3393.

Losada-Pérez M, et al. (2021) A novel injury paradigm in the central nervous system of adult *Drosophila*: molecular, cellular and functional aspects. *Disease models & mechanisms*, 14(5).

Yang S, et al. (2021) Competitive coordination of the dual roles of the Hedgehog co-receptor in homophilic adhesion and signal reception. *eLife*, 10.

Hakes AE, et al. (2020) Tailless/TLX reverts intermediate neural progenitors to stem cells driving tumourigenesis via repression of asense/ASCL1. *eLife*, 9.

Wang X, et al. (2020) Temporal Coordination of Collective Migration and Lumen Formation by Antagonism between Two Nuclear Receptors. *iScience*, 23(7), 101335.

Portela M, et al. (2020) Cell-to-cell communication mediates glioblastoma progression in *Drosophila*. *Biology open*, 9(9).

Portela M, et al. (2019) Glioblastoma cells vampirize WNT from neurons and trigger a JNK/MMP signaling loop that enhances glioblastoma progression and neurodegeneration. *PLoS biology*, 17(12), e3000545.

Tsai YW, et al. (2019) Glia-derived exosomal miR-274 targets Sprouty in trachea and synaptic boutons to modulate growth and responses to hypoxia. *Proceedings of the National Academy of Sciences of the United States of America*, 116(49), 24651.