

Resource Summary Report

Generated by [NIF](#) on Aug 4, 2026

w[1118]; P{w[+mC]=UAS-myr-mRFP}1

RRID:BDSC_7118

Type: Organism

Proper Citation

RRID:BDSC_7118

Organism Information

URL: <https://n2t.net/bdsc:7118>

Proper Citation: RRID:BDSC_7118

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

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Henry Chang, Yale University School of Medicine

Affected Gene: Disc\RFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 7118

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_7118, BL7118

Organism Name: w[1118]; P{w[+mC]=UAS-myr-mRFP}1

Record Creation Time: 20240911T222206+0000

Record Last Update: 20260801T194635+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Song Y, et al. (2025) Mechanical coupling between dorsal and ventral surfaces shapes the Drosophila haltere. *Current biology : CB*, 35(13), 3090.

Fahey-Lozano N, et al. (2025) RhoGEF2 overexpression induces cell competition dependent on Ptp10D, Crumbs and the Hippo signaling pathway. *Journal of cell science*, 138(19).

Iwanaga R, et al. (2024) Cell adhesion and actin dynamics factors promote axonal extension and synapse formation in transplanted Drosophila photoreceptor cells. *Development, growth & differentiation*, 66(3), 205.

Yang K, et al. (2024) p24-Tango1 interactions ensure ER-Golgi interface stability and efficient transport. *The Journal of cell biology*, 223(5).

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

Chafino S, et al. (2023) Antagonistic role of the BTB-zinc finger transcription factors Chinmo and Broad-Complex in the juvenile/pupal transition and in growth control. *eLife*, 12.

Guss EJ, et al. (2023) Loss of the extracellular matrix protein Perlecan disrupts axonal and synaptic stability during Drosophila development. *eLife*, 12.

Zhang Y, et al. (2023) Axon targeting of Drosophila medulla projection neurons requires diffusible Netrin and is coordinated with neuroblast temporal patterning. *Cell reports*, 42(3), 112144.

Liao YH, et al. (2023) ARMS-NF-??B signaling regulates intracellular ROS to induce autophagy-associated cell death upon oxidative stress. *iScience*, 26(2), 106005.

Zhou L, et al. (2023) Convergence of secretory, endosomal, and autophagic routes in trans-Golgi-associated lysosomes. *The Journal of cell biology*, 222(1).

Zhang Y, et al. (2023) Notch-dependent binary fate choice regulates the Netrin pathway to control axon guidance of Drosophila visual projection neurons. *Cell reports*, 42(3), 112143.

Chen Y, et al. (2023) Epilepsy gene prickles ensures neuropil glial ensheathment through regulating cell adhesion molecules. *iScience*, 26(1), 105731.

Drees L, et al. (2023) The proteolysis of ZP proteins is essential to control cell membrane structure and integrity of developing tracheal tubes in Drosophila. *eLife*, 12.

Pinto PB, et al. (2022) Specificity of the Hox member Deformed is determined by transcription factor levels and binding site affinities. *Nature communications*, 13(1), 5037.

Sun T, et al. (2021) Atypical laminin spots and pull-generated microtubule-actin projections mediate Drosophila wing adhesion. *Cell reports*, 36(10), 109667.

Kinold JC, et al. (2021) Misregulation of Drosophila Sidestep Leads to Uncontrolled Wiring of the Adult Neuromuscular System and Severe Locomotion Defects. *Frontiers in neural circuits*, 15, 658791.

Pooryasin A, et al. (2021) Unc13A and Unc13B contribute to the decoding of distinct sensory information in Drosophila. *Nature communications*, 12(1), 1932.

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

Zhou F, et al. (2020) The roles of jim lovell and uninflatable in different endopolyploid larval tissues of Drosophila melanogaster. *PloS one*, 15(8), e0237662.

Wong KKL, et al. (2020) The nutrient sensor OGT regulates Hipk stability and tumorigenic-like activities in Drosophila. *Proceedings of the National Academy of Sciences of the United States of America*, 117(4), 2004.