

Resource Summary Report

Generated by T1D on Sep 18, 2026

P{w[+mC]=UAS-Dcr-2.D}1, w[1118]

RRID:BDSC_24646

Type: Organism

Proper Citation

RRID:BDSC_24646

Organism Information

URL: <https://n2t.net/bdsc:24646>

Proper Citation: RRID:BDSC_24646

Description: Drosophila melanogaster with name P{w[+mC]=UAS-Dcr-2.D}1, w[1118] from BDSC.

Species: Drosophila melanogaster

Notes: Expresses Dicer-2 under UAS control. X, second and third chromosomes isogenic with stock 5905. Donor: Barry Dickson, Research Institute of Molecular Pathology

Affected Gene: Dcr-2, UAS, w

Genomic Alteration: Chromosome 1

Catalog Number: 24646

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24646, BDSC:24646, BL24646

Organism Name: P{w[+mC]=UAS-Dcr-2.D}1, w[1118]

Record Creation Time: 20240911T222419+0000

Record Last Update: 20260912T203430+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=UAS-Dcr-2.D}1, w[1118].

No alerts have been found for P{w[+mC]=UAS-Dcr-2.D}1, w[1118].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 34 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Bhattarai A, et al. (2026) Generation and maintenance of apical rib-like actin fibers in epithelial support cells of the Drosophila eye. *Development (Cambridge, England)*, 153(1).

Lyu C, et al. (2025) Rewiring an olfactory circuit by altering the combinatorial code of cell-surface proteins. *Research square*.

Tenedini FM, et al. (2025) Inflammatory cytokine upd3 induces axon length-dependent synapse removal by glia. *Proceedings of the National Academy of Sciences of the United States of America*, 122(21), e2422752122.

Fernandez-Acosta M, et al. (2025) Triggering and modulation of a complex behavior by a single peptidergic command neuron in Drosophila. *Proceedings of the National Academy of Sciences of the United States of America*, 122(11), e2420452122.

Lyu C, et al. (2025) Rewiring an olfactory circuit by altering the combinatorial code of cell-surface proteins. *bioRxiv : the preprint server for biology*.

Wang Y, et al. (2025) Tissue-specific CLOCK isoforms modulate circadian feedback loops to govern reproductive fitness in Drosophila. *Cellular and molecular life sciences : CMLS*, 82(1), 398.

Li Z, et al. (2025) Repulsive interactions instruct synaptic partner matching in an olfactory circuit. *bioRxiv : the preprint server for biology*.

Yagoubat A, et al. (2025) Asymmetric microtubule nucleation from Golgi stacks promotes opposite microtubule polarity in axons and dendrites. *Current biology : CB*, 35(6), 1311.

Li Z, et al. (2025) Repulsive interactions instruct synaptic partner matching in an olfactory circuit. *Research square*.

Cypranowska CA, et al. (2025) Deficiency in transmitter release triggers homeostatic transcriptional changes that increase presynaptic excitability. *Proceedings of the National Academy of Sciences of the United States of America*, 122(31), e2322714122.

Pak B, et al. (2025) Reduced expression of Pss gene in Drosophila cortex glia causes dopaminergic cell death. *Journal of Parkinson's disease*, 15(5), 957.

Puig-Barbe A, et al. (2025) A bHLH interaction code controls bipotential differentiation and self-renewal in the Drosophila gut. *Cell reports*, 44(3), 115398.

Bhattarai A, et al. (2025) Generation and maintenance of apical rib-like actin fibers in epithelial support cells of the Drosophila eye. *bioRxiv : the preprint server for biology*.

Rodríguez A, et al. (2024) Cell proliferation and Notch signaling coordinate the formation of epithelial folds in the Drosophila leg. *Development (Cambridge, England)*, 151(8).

Le JQ, et al. (2024) Light and dopamine impact two circadian neurons to promote morning wakefulness. *Current biology : CB*, 34(17), 3941.

Blackie L, et al. (2024) The sex of organ geometry. *Nature*, 630(8016), 392.

Mukherjee A, et al. (2024) γ -TuRCs and the augmin complex are required for the development of highly branched dendritic arbors in Drosophila. *Journal of cell science*, 137(9).

Jansen G, et al. (2024) Tolerance thresholds underlie responses to DNA damage during germline development. *Genes & development*, 38(13-14), 631.

Lapraz F, et al. (2023) Asymmetric activity of NetrinB controls laterality of the Drosophila brain. *Nature communications*, 14(1), 1052.

Chen SF, et al. (2023) Drosophila Phosphatase of Regenerating Liver Is Critical for Photoreceptor Cell Polarity and Survival during Retinal Development. *International journal of molecular sciences*, 24(14).