

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 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, BL24646

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

Record Creation Time: 20240911T222419+0000

Record Last Update: 20260725T195125+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 31 mentions in open access literature.

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

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

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.

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.

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

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.

Bhattacharai 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.

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.

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

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).

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).

Giesecke A, et al. (2023) A novel period mutation implicating nuclear export in temperature compensation of the Drosophila circadian clock. *Current biology : CB*, 33(2), 336.

Simões S, et al. (2022) Crumbs complex-directed apical membrane dynamics in epithelial cell ingression. *The Journal of cell biology*, 221(7).