Resource Summary Report

Generated by SPARC SAWG on Aug 4, 2026

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

RRID:BDSC_24650
Type: Organism

Proper Citation

RRID:BDSC_24650

Organism Information

URL: https://n2t.net/bdsc:24650

Proper Citation: RRID:BDSC_24650

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

Catalog Number: 24650

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24650, BL24650

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

Record Creation Time: 20240911T222419+0000

Record Last Update: 20260801T194934+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 132 mentions in open access literature.

Listed below are recent publications. The full list is available at SPARC SAWG .

Nelson KA, et al. (2025) The Drosophila hematopoietic niche assembles through collective cell migration controlled by neighbor tissues and Slit-Robo signaling. eLife, 13.

Chavan A, et al. (2025) Multi-tissue characterization of the constitutive heterochromatin proteome in Drosophila identifies a link between satellite DNA organization and transposon repression. PLoS biology, 23(1), e3002984.

Lalioti VS, et al. (2025) The Drosophila epidermal growth factor receptor pathway regulates Hedgehog signalling and cytoneme behaviour. Nature communications, 16(1), 1994.

Meng Z, et al. (2025) Neurexin regulates mechanical nociceptive sensitization by central inhibition in Drosophila. Science advances, 11(51), eadz9682.

Lin YJ, et al. (2025) The deubiquitinase USP45 inhibits autophagy through actin regulation by Coronin 1B. The Journal of cell biology, 224(5).

Ostgaard CM, et al. (2025) A double-assurance mechanism restrains generation of high potential transit-amplifying progenitors during neurogenesis. bioRxiv : the preprint server for biology.

Even-Ros D, et al. (2025) Drosophila ovarian stem cell niche ageing involves coordinated changes in transcription and alternative splicing. Nature communications, 16(1), 2596.

Velazquez A, et al. (2025) The Drosophila SIFamide Receptor Regulates Sleep and Feeding in a Time-Of-Day Specific Manner. Genes, brain, and behavior, 24(6), e70043.

Attipoe WK, et al. (2025) Quantifying bristle cell organization in Drosophila melanogaster using spatial clustering features. bioRxiv : the preprint server for biology.

Theisen EK, et al. (2025) Glia phagocytose neuronal sphingolipids to infiltrate developing synapses. bioRxiv : the preprint server for biology.

Deng X, et al. (2025) Monoacylglycerol acyltransferase maintains ionotropic receptor expression for cool temperature sensing and avoidance in Drosophila. Communications biology, 8(1), 765.

Bakshinska D, et al. (2025) Synapse-specific catecholaminergic modulation of neuronal glutamate release. Proceedings of the National Academy of Sciences of the United States of America, 122(1), e2420496121.

Padma R, et al. (2025) miR-137 targets Myc to regulate growth during eye development. Development (Cambridge, England), 152(14).

Waller TJ, et al. (2025) Pyruvate kinase deficiency links metabolic perturbations to neurodegeneration and axonal protection. Molecular metabolism, 98, 102187.

Waller TJ, et al. (2025) Pyruvate kinase deficiency links metabolic perturbations to neurodegeneration and axonal protection. bioRxiv : the preprint server for biology.

Lyu C, et al. (2025) Dimensionality reduction simplifies synaptic partner matching in an olfactory circuit. Science (New York, N.Y.), 388(6746), 538.

Bretscher H, et al. (2025) Glycogen homeostasis and mitochondrial DNA expression require motor neuron to muscle TGF-??/Activin signaling in Drosophila. iScience, 28(1), 111611.

Watase GJ, et al. (2024) RNA polymerase II-mediated rDNA transcription mediates rDNA copy number expansion in Drosophila. PLoS genetics, 20(5), e1011136.

Haynes PR, et al. (2024) A neuron-glia lipid metabolic cycle couples daily sleep to mitochondrial homeostasis. Nature neuroscience, 27(4), 666.

Zhao X, et al. (2024) Polycomb regulates circadian rhythms in Drosophila in clock neurons. Life science alliance, 7(1).