

Resource Summary Report

Generated by [ASWG](#) on Aug 8, 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: 20260808T194612+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 142 mentions in open access literature.

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

Kurata Y, et al. (2026) Octopamine signaling from clock neurons plays dual roles in Drosophila long-term memory. PLoS genetics, 22(2), e1012045.

Theisen EK, et al. (2026) Lysosomal salvage of neuronal lipids enables glial infiltration of synaptic regions. Neuron, 114(12), 2199.

Sato T, et al. (2026) Role of dopamine signaling in male courtship suppression induced by confinement stress in Drosophila. iScience, 29(6), 115906.

Kumar N, et al. (2026) Identification of a cytosol-to-nucleus feedback loop that regulates neuronal microtubule nucleation. The Journal of cell biology, 225(3).

Boivin JC, et al. (2026) A positive feedback loop between sensory and octopaminergic neurons underlies nociceptive plasticity in Drosophila larvae. PLoS genetics, 22(4), e1012122.

Cuper D, et al. (2026) Tissue-specific role of dTrmO in threonine decoding during Drosophila melanogaster development. Biological research, 59(1).

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

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.

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

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).

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.

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*.

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.

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.

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

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.

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