

# Resource Summary Report

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## 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:** 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

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

### 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 43 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

Noyes NC, et al. (2023) Innate and learned odor-guided behaviors utilize distinct molecular signaling pathways in a shared dopaminergic circuit. *Cell reports*, 42(2), 112026.

Titos I, et al. (2023) A gut-secreted peptide suppresses arousability from sleep. *Cell*, 186(7), 1382.

Sheahan TD, et al. (2023) The Drosophila drop-dead gene is required for eggshell integrity. *bioRxiv : the preprint server for biology*.

González Segarra AJ, et al. (2023) Hunger- and thirst-sensing neurons modulate a neuroendocrine network to coordinate sugar and water ingestion. *eLife*, 12.

Laturney M, et al. (2023) Mating activates neuroendocrine pathways signaling hunger in Drosophila females. *eLife*, 12.

Sheahan TD, et al. (2023) The Drosophila drop-dead gene is required for eggshell integrity. *PloS one*, 18(12), e0295412.

Yang S, et al. (2022) The NDNF-like factor Nord is a Hedgehog-induced extracellular BMP modulator that regulates Drosophila wing patterning and growth. *eLife*, 11.

Wilhelm N, et al. (2022) Dscam1 Has Diverse Neuron Type-Specific Functions in the Developing Drosophila CNS. *eNeuro*, 9(4).

Swope RD, et al. (2022) The exocyst complex is required for developmental and regenerative neurite growth in vivo. *Developmental biology*, 492, 1.

Bu S, et al. (2022) Drosophila CLASP regulates microtubule orientation and dendrite pruning by suppressing Par-1 kinase. *Cell reports*, 39(9), 110887.

Wang J, et al. (2022) DBT affects sleep in both circadian and non-circadian neurons. *PLoS genetics*, 18(2), e1010035.

Prasad AR, et al. (2022) Differentiation signals from glia are fine-tuned to set neuronal numbers during development. *eLife*, 11.

Hurbain I, et al. (2022) Microvilli-derived extracellular vesicles carry Hedgehog morphogenic signals for Drosophila wing imaginal disc development. *Current biology* : CB, 32(2), 361.

Ramakrishnan A, et al. (2021) Gap junction protein Innexin2 modulates the period of free-running rhythms in *Drosophila melanogaster*. *iScience*, 24(9), 103011.

Vrontou E, et al. (2021) Response competition between neurons and antineurons in the mushroom body. *Current biology* : CB, 31(22), 4911.

Zeng X, et al. (2021) An electrically coupled pioneer circuit enables motor development via proprioceptive feedback in *Drosophila* embryos. *Current biology* : CB, 31(23), 5327.

Ruiz D, et al. (2021) Slowpoke functions in circadian output cells to regulate rest:activity rhythms. *PloS one*, 16(3), e0249215.

Hatch HAM, et al. (2021) A KDM5-Prospero transcriptional axis functions during early neurodevelopment to regulate mushroom body formation. *eLife*, 10.

Cheriyamkunnel SJ, et al. (2021) A neuronal mechanism controlling the choice between feeding and sexual behaviors in *Drosophila*. *Current biology* : CB, 31(19), 4231.

Chew LY, et al. (2021) The Nrf2-Keap1 pathway is activated by steroid hormone signaling to govern neuronal remodeling. *Cell reports*, 36(5), 109466.