

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

[P{w\[+mC\]=UAS-Dcr-2.D}1, w\[1118\];
P{w\[+mW.hs\]=en2.4-GAL4}e16E, P{w\[+mC\]=UAS-
2xEGFP}AH2](#)

RRID:BDSC_25752

Type: Organism

Proper Citation

RRID:BDSC_25752

Organism Information

URL: <https://n2t.net/bdsc:25752>

Proper Citation: RRID:BDSC_25752

Description: Drosophila melanogaster with name P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mW.hs]=en2.4-GAL4}e16E, P{w[+mC]=UAS-2xEGFP}AH2 from BDSC.

Species: Drosophila melanogaster

Notes: Expresses Dicer-2 in the engrailed domain. Donor: Transgenic RNAi Project

Affected Gene: en, GAL4, Avic\GFP, UAS, Dcr-2, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 25752

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25752, BL25752

Organism Name: P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mW.hs]=en2.4-GAL4}e16E, P{w[+mC]=UAS-2xEGFP}AH2

Record Creation Time: 20240911T222429+0000

Record Last Update: 20260725T195137+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mW.hs]=en2.4-GAL4}e16E, P{w[+mC]=UAS-2xEGFP}AH2.

No alerts have been found for P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mW.hs]=en2.4-GAL4}e16E, P{w[+mC]=UAS-2xEGFP}AH2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Lee T, et al. (2025) Drosophila miR-33-5p Suppresses Cell Growth by Inhibiting ERK Signaling. *Biology*, 14(12).

Grzeschik NA, et al. (2025) Dysregulation of Glial Gap Junction Protein Innexin2 Mediates Seizures and Disrupted Sleep in a Drosophila Model for North Sea Progressive Myoclonus Epilepsy. *Journal of neuroscience research*, 103(11), e70087.

Kumar N, et al. (2024) Balancing competing effects of tissue growth and cytoskeletal regulation during Drosophila wing disc development. *Nature communications*, 15(1), 2477.

Mim MS, et al. (2024) Piezo regulates epithelial topology and promotes precision in organ size control. *Cell reports*, 43(7), 114398.

Bunker J, et al. (2023) Blimp-1/PRDM1 and Hr3/ROR? specify the blue-sensitive photoreceptor subtype in Drosophila by repressing the hippo pathway. *Frontiers in cell and developmental biology*, 11, 1058961.

Gaultier C, et al. (2022) Regulation of developmental hierarchy in Drosophila neural stem cell tumors by COMPASS and Polycomb complexes. *Science advances*, 8(19), eabi4529.

Liu D, et al. (2022) WASH activation controls endosomal recycling and EGFR and Hippo signaling during tumor-suppressive cell competition. *Nature communications*, 13(1), 6243.

Palumbo RJ, et al. (2022) A clinically-relevant residue of POLR1D is required for Drosophila development. *Developmental dynamics : an official publication of the American Association of Anatomists*, 251(11), 1780.

Mok JW, et al. (2022) Modulation of Hippo signaling by Mnat9 N-acetyltransferase for normal growth and tumorigenesis in Drosophila. *Cell death & disease*, 13(2), 101.

Federico A, et al. (2022) ATRT-SHH comprises three molecular subgroups with characteristic clinical and histopathological features and prognostic significance. *Acta neuropathologica*, 143(6), 697.

Mok JW, et al. (2021) Ex-vivo Microtubule Stability Assay Using Drosophila Wing Disc. *Bio-protocol*, 11(23), e4241.

Nagai H, et al. (2021) Homeostatic Regulation of ROS-Triggered Hippo-Yki Pathway via Autophagic Clearance of Ref(2)P/p62 in the Drosophila Intestine. *Developmental cell*, 56(1), 81.

Mok JW, et al. (2021) Novel function of N-acetyltransferase for microtubule stability and JNK signaling in Drosophila organ development. *Proceedings of the National Academy of Sciences of the United States of America*, 118(4).

Kim H, et al. (2020) Wiring patterns from auditory sensory neurons to the escape and song-relay pathways in fruit flies. *The Journal of comparative neurology*, 528(12), 2068.

Witte L, et al. (2020) The kinesin motor Klp98A mediates apical to basal Wg transport. *Development (Cambridge, England)*, 147(15).

Linnemannstöns K, et al. (2020) Ykt6-dependent endosomal recycling is required for Wnt secretion in the Drosophila wing epithelium. *Development (Cambridge, England)*, 147(15).

Tang X, et al. (2020) Molecular mechanisms that regulate export of the planar cell-polarity protein Frizzled-6 out of the endoplasmic reticulum. *The Journal of biological chemistry*, 295(27), 8972.

Matsushita R, et al. (2020) Trehalose metabolism confers developmental robustness and stability in Drosophila by regulating glucose homeostasis. *Communications biology*, 3(1), 170.

Karuna M P, et al. (2020) Phosphorylation of Ykt6 SNARE Domain Regulates Its Membrane Recruitment and Activity. *Biomolecules*, 10(11).

Hwang SH, et al. (2020) Von Hippel-Lindau tumor suppressor (VHL) stimulates TOR signaling by interacting with phosphoinositide 3-kinase (PI3K). *The Journal of biological chemistry*, 295(8), 2336.