

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

[P{w\[+mC\]=UAS-Dcr-2.D}1, w\[1118\];
P{w\[+mW.hs\]=en2.4-GAL4}e16E, P{w\[+mC\]=UAS-
myr-mRFP}1, P{w\[+m*\]=NRE-EGFP.S}5A](#)

RRID:BDSC_30730

Type: Organism

Proper Citation

RRID:BDSC_30730

Organism Information

URL: <https://n2t.net/bdsc:30730>

Proper Citation: RRID:BDSC_30730

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-myr-mRFP}1, P{w[+m*]=NRE-EGFP.S}5A from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO P{w[+mC]=ActGFP}JMR1. Expresses mRFP and Dicer-2 in the engrailed domain and EGFP under the control of a Notch Response Element.
Donor: Gunter Merdes, University of Basel

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

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 30730

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30730, BL30730

Organism Name: P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mW.hs]=en2.4-GAL4}e16E, P{w[+mC]=UAS-myr-mRFP}1, P{w[+m*]=NRE-EGFP.S}5A

Record Creation Time: 20240911T222517+0000

Record Last Update: 20260801T195053+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-myr-mRFP}1, P{w[+m*]=NRE-EGFP.S}5A.

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-myr-mRFP}1, P{w[+m*]=NRE-EGFP.S}5A.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Tajiri R, et al. (2023) Notch signaling generates the "cut here line" on the cuticle of the puparium in *Drosophila melanogaster*. *iScience*, 26(8), 107279.

Ho MT, et al. (2022) ??-Phenylalanyl tRNA synthetase competes with Notch signaling through its N-terminal domain. *PLoS genetics*, 18(4), e1010185.

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).