

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 10, 2026

[y\[d2\] w\[*\] P{ry\[+t7.2\]=ey-FLP.N}2 P{w\[+mC\]=UAS-Dcr-2.D}1; wg\[Sp-1\]/CyO](#)

RRID:BDSC_58756

Type: Organism

Proper Citation

RRID:BDSC_58756

Organism Information

URL: <https://n2t.net/bdsc:58756>

Proper Citation: RRID:BDSC_58756

Description: Drosophila melanogaster with name y[d2] w[*] P{ry[+t7.2]=ey-FLP.N}2 P{w[+mC]=UAS-Dcr-2.D}1; wg[Sp-1]/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Expresses Dicer-2 under UAS control and FLP in the developing eye under the control of ey. Donor: Justin Bosch & Iswar Hariharan, University of California, Berkeley

Affected Gene: ey, FLP, Dcr-2, UAS, wg, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 58756

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_58756, BL58756

Organism Name: y[d2] w[*] P{ry[+t7.2]=ey-FLP.N}2 P{w[+mC]=UAS-Dcr-2.D}1; wg[Sp-1]/CyO

Record Creation Time: 20240911T222906+0000

Record Last Update: 20260808T195200+0000

Ratings and Alerts

No rating or validation information has been found for y[d2] w[*] P{ry[+t7.2]=ey-FLP.N}2 P{w[+mC]=UAS-Dcr-2.D}1; wg[Sp-1]/CyO.

No alerts have been found for y[d2] w[*] P{ry[+t7.2]=ey-FLP.N}2 P{w[+mC]=UAS-Dcr-2.D}1; wg[Sp-1]/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Wani AR, et al. (2026) Hormonal control of postmitotic neuronal identity. bioRxiv : the preprint server for biology.

Bhattacharai A, et al. (2026) Generation and maintenance of apical rib-like actin fibers in epithelial support cells of the Drosophila eye. Development (Cambridge, England), 153(1).

Bhattacharai A, et al. (2025) Generation and maintenance of apical rib-like actin fibers in epithelial support cells of the Drosophila eye. bioRxiv : the preprint server for biology.

Wani AR, et al. (2024) Stem cell-specific ecdysone signaling regulates the development of dorsal fan-shaped body neurons and sleep homeostasis. Current biology : CB, 34(21), 4951.

Wani AR, et al. (2023) Stem cell-specific ecdysone signaling regulates the development and function of a Drosophila sleep homeostat. bioRxiv : the preprint server for biology.