

Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

[y\[d2\] w\[1118\] P{ry\[+t7.2\]=ey-FLP.N}2;
P{ry\[+t7.2\]=neoFRT}42D Dcr-2\[L811fsX\]/CyO;
P{w\[+mW.hs\]=Dcr-2\[+t7.2\]}3](#)

RRID:BDSC_33053

Type: Organism

Proper Citation

RRID:BDSC_33053

Organism Information

URL: <https://n2t.net/bdsc:33053>

Proper Citation: RRID:BDSC_33053

Description: Drosophila melanogaster with name y[d2] w[1118] P{ry[+t7.2]=ey-FLP.N}2; P{ry[+t7.2]=neoFRT}42D Dcr-2[L811fsX]/CyO; P{w[+mW.hs]=Dcr-2[+t7.2]}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Richard Carthew, Northwestern University

Affected Gene: Dcr-2, ey, FLP, FRT, w, y

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 33053

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_33053, BL33053

Organism Name: y[d2] w[1118] P{ry[+t7.2]=ey-FLP.N}2; P{ry[+t7.2]=neoFRT}42D Dcr-2[L811fsX]/CyO; P{w[+mW.hs]=Dcr-2[+t7.2]}3

Record Creation Time: 20240911T222539+0000

Record Last Update: 20260808T194749+0000

Ratings and Alerts

No rating or validation information has been found for y[d2] w[1118] P{ry[+t7.2]=ey-FLP.N}2; P{ry[+t7.2]=neoFRT}42D Dcr-2[L811fsX]/CyO; P{w[+mW.hs]=Dcr-2[+t7.2]}3.

No alerts have been found for y[d2] w[1118] P{ry[+t7.2]=ey-FLP.N}2; P{ry[+t7.2]=neoFRT}42D Dcr-2[L811fsX]/CyO; P{w[+mW.hs]=Dcr-2[+t7.2]}3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Tanaka T, et al. (2024) Endocytosed dsRNAs induce lysosomal membrane permeabilization that allows cytosolic dsRNA translocation for Drosophila RNAi responses. Nature communications, 15(1), 6993.

Iki T, et al. (2023) miRNA/siRNA-directed pathway to produce noncoding piRNAs from endogenous protein-coding regions ensures Drosophila spermatogenesis. Science advances, 9(29), eadh0397.

Nadimpalli HP, et al. (2022) Ataxin-2, Twenty-four, and Dicer-2 are components of a noncanonical cytoplasmic polyadenylation complex. Life science alliance, 5(12).

Segrist E, et al. (2021) Orally acquired cyclic dinucleotides drive dSTING-dependent antiviral immunity in enterocytes. Cell reports, 37(13), 110150.

Iki T, et al. (2020) Modulation of Ago2 Loading by Cyclophilin 40 Endows a Unique Repertoire of Functional miRNAs during Sperm Maturation in Drosophila. Cell reports, 33(6), 108380.

Coll O, et al. (2018) Dicer-2 promotes mRNA activation through cytoplasmic polyadenylation. RNA (New York, N.Y.), 24(4), 529.

Liu Y, et al. (2018) Inflammation-Induced, STING-Dependent Autophagy Restricts Zika Virus Infection in the Drosophila Brain. Cell host & microbe, 24(1), 57.