

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

[P{w\[+mC\]=UAS-Dcr-2.D}1, w\[1118\];
P{w\[+mC\]=GAL4-Mef2.R}R1](#)

RRID:BDSC_25756

Type: Organism

Proper Citation

RRID:BDSC_25756

Organism Information

URL: <https://n2t.net/bdsc:25756>

Proper Citation: RRID:BDSC_25756

Description: Drosophila melanogaster with name P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mC]=GAL4-Mef2.R}R1 from BDSC.

Species: Drosophila melanogaster

Notes: Expresses Dicer-2 in muscle cells. Donor: Transgenic RNAi Project

Affected Gene: GAL4, Mef2, Dcr-2, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 25756

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25756, BL25756

Organism Name: P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mC]=GAL4-Mef2.R}R1

Record Creation Time: 20240911T222429+0000

Record Last Update: 20260801T194950+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[+mC]=GAL4-Mef2.R}R1.

No alerts have been found for P{w[+mC]=UAS-Dcr-2.D}1, w[1118]; P{w[+mC]=GAL4-Mef2.R}R1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Preußer M, et al. (2025) mir-276a Is Required for Muscle Development in Drosophila and Regulates the FGF Receptor Heartless During the Migration of Nascent Myotubes in the Testis. *Cells*, 14(5).

Dong Z, et al. (2025) TRPM-mediated mechanoreception regulates myosin oscillation during tissue elongation. *Current biology : CB*, 35(23), 5793.

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.

Nikonova E, et al. (2022) Rbfox1 is required for myofibril development and maintaining fiber type-specific isoform expression in Drosophila muscles. *Life science alliance*, 5(4).

Watanabe LP, et al. (2020) Genetic Networks Underlying Natural Variation in Basal and Induced Activity Levels in Drosophila melanogaster. *G3 (Bethesda, Md.)*, 10(4), 1247.

Zirin J, et al. (2019) Interspecies analysis of MYC targets identifies tRNA synthetases as mediators of growth and survival in MYC-overexpressing cells. *Proceedings of the National Academy of Sciences of the United States of America*, 116(29), 14614.

Zappia MP, et al. (2019) Rbf Activates the Myogenic Transcriptional Program to Promote Skeletal Muscle Differentiation. *Cell reports*, 26(3), 702.

Torres-Oliva M, et al. (2018) Dynamic genome wide expression profiling of Drosophila head development reveals a novel role of Hunchback in retinal glia cell development and blood-brain barrier integrity. *PLoS genetics*, 14(1), e1007180.

Zazo Seco C, et al. (2017) A homozygous FITM2 mutation causes a deafness-dystonia syndrome with motor regression and signs of ichthyosis and sensory neuropathy. *Disease models & mechanisms*, 10(2), 105.