

Resource Summary Report

Generated by [kravitz2](#) on Jul 31, 2026

[w\[*\]; P{w\[+mC\]=UASp-dia.EGFP}2](#)

RRID:BDSC_56751

Type: Organism

Proper Citation

RRID:BDSC_56751

Organism Information

URL: <https://n2t.net/bdsc:56751>

Proper Citation: RRID:BDSC_56751

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UASp-dia.EGFP}2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Mark Peifer & Colleen Bilancia, University of North Carolina, Chapel Hill

Affected Gene: dia, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 56751

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_56751, BL56751

Organism Name: w[*]; P{w[+mC]=UASp-dia.EGFP}2

Record Creation Time: 20240911T222847+0000

Record Last Update: 20260725T195643+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UASp-dia.EGFP}2.

No alerts have been found for $w[*]$; $P\{w[+mC]=UASp\text{-}dia.EGFP\}2$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#).

Pissarek H, et al. (2025) Formin 3 stabilizes the cytoskeleton of Drosophila tendon cells, thus enabling them to resist muscle tensile forces. *Journal of cell science*, 138(7).

Lin KY, et al. (2024) Astrocytes control quiescent NSC reactivation via GPCR signaling-mediated F-actin remodeling. *Science advances*, 10(30), eadl4694.

Ermanoska B, et al. (2023) Non-muscle myosin II regulates presynaptic actin assemblies and neuronal mechanobiology. *bioRxiv : the preprint server for biology*.

Molina-Pelayo C, et al. (2022) The conserved Pelado/ZSWIM8 protein regulates actin dynamics by promoting linear actin filament polymerization. *Life science alliance*, 5(12).

Popkova A, et al. (2020) A Cdc42-mediated supracellular network drives polarized forces and Drosophila egg chamber extension. *Nature communications*, 11(1), 1921.

Ponte S, et al. (2020) Drp1-mediated mitochondrial fission regulates calcium and F-actin dynamics during wound healing. *Biology open*, 9(5).

Jiang N, et al. (2019) A conserved morphogenetic mechanism for epidermal ensheathment of nociceptive sensory neurites. *eLife*, 8.

Ong K, et al. (2019) Multiple feedback mechanisms fine-tune Rho signaling to regulate morphogenetic outcomes. *Journal of cell science*, 132(8).