

Resource Summary Report

Generated by [NIF](#) on Sep 12, 2026

[w\[*\]; P{w\[+mC\]=UAS-mCherry.NLS}3](#)

RRID:BDSC_38424

Type: Organism

Proper Citation

RRID:BDSC_38424

Organism Information

URL: <https://n2t.net/bdsc:38424>

Proper Citation: RRID:BDSC_38424

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-mCherry.NLS}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Martin Mueller & Markus Affolter, University of Basel

Affected Gene: Disc\RFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 38424

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_38424, BDSC:38424, BL38424

Organism Name: w[*]; P{w[+mC]=UAS-mCherry.NLS}3

Record Creation Time: 20240911T222631+0000

Record Last Update: 20260905T140449+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-mCherry.NLS}3.

No alerts have been found for w[*]; P{w[+mC]=UAS-mCherry.NLS}3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 80 mentions in open access literature.

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

Gu M, et al. (2026) Two lysosomal genes ATP13A2 and GBA1 interact to drive neurodegeneration. Molecular neurodegeneration, 21(1).

Mitchell-Gee R, et al. (2026) The Drosophila Him gene is essential for adult muscle function and muscle stem cell maintenance. iScience, 29(2), 114670.

Almasoud J, et al. (2026) The adipose tissue has an apical-basal polarity required for Col IV-dependent cell-cell adhesion. The Journal of cell biology, 225(3).

Chandar M, et al. (2026) The melanized (mel) locus of Drosophila melanogaster is a mutation in CG17065, an N-acetylglucosamine-6-phosphate deacetylase. microPublication biology, 2026.

Feist D, et al. (2026) Drosophila Transglutaminase preserves the integrity of muscle attachments with and without mechanical strain. Journal of cell science, 139(5).

Bereshneh AH, et al. (2026) Rare heterozygous de novo variants in RAPGEF2 are associated with a neurodevelopmental disorder. Genetics in medicine : official journal of the American College of Medical Genetics, 28(4), 101685.

Roussel P, et al. (2026) In vivo autofluorescence lifetime imaging of spatial metabolic heterogeneities and learning-induced changes in the Drosophila mushroom body. eLife, 14.

Deal SL, et al. (2026) RNAi-based screen for pigmentation in Drosophila melanogaster reveals regulators of brain dopamine and sleep. iScience, 29(1), 114388.

Theisen EK, et al. (2026) Lysosomal salvage of neuronal lipids enables glial infiltration of synaptic regions. Neuron, 114(12), 2199.

Zhao Z, et al. (2025) Stage-specific modulation of Drosophila gene expression with muscle GAL4 promoters. Fly, 19(1), 2447617.

Du C, et al. (2025) Social experience alters behaviors by reprogramming the Fruitless pathway and circadian state in *Drosophila*. *bioRxiv : the preprint server for biology*.

de la Maza DS, et al. (2025) Somatic cells compartmentalise their metabolism to sustain germ cell survival. *bioRxiv : the preprint server for biology*.

Chen X, et al. (2025) Phagocytosis-driven neurodegeneration through opposing roles of an ABC transporter in neurons and phagocytes. *Science advances*, 11(11), eadr5448.

Kim CJ, et al. (2025) *Drosophila* miR-263b-5p controls wing developmental growth by targeting Akt. *Animal cells and systems*, 29(1), 35.

Kunduri G, et al. (2025) Light and temperature sensitive seizures are regulated by spatially distinct cortex glial populations in the central nervous system. *bioRxiv : the preprint server for biology*.

Cypranowska CA, et al. (2025) Deficiency in transmitter release triggers homeostatic transcriptional changes that increase presynaptic excitability. *Proceedings of the National Academy of Sciences of the United States of America*, 122(31), e2322714122.

Ma M, et al. (2025) Heterozygous variants in *PLCG1* affect hearing, vision, cardiac, and immune function. *eLife*, 13.

Andrieu C, et al. (2025) Cell deformations generated by stochastic actomyosin waves drive in vivo random-walk swimming migration. *Journal of cell science*, 138(10).

Theisen EK, et al. (2025) Glia phagocytose neuronal sphingolipids to infiltrate developing synapses. *bioRxiv : the preprint server for biology*.

Deal SL, et al. (2025) RNAi-based screen for pigmentation in *Drosophila melanogaster* reveals regulators of brain dopamine and sleep. *bioRxiv : the preprint server for biology*.