

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[w\[1118\]; P{w\[+mC\]=UAS-mCherry.mito.OMM}2/CyO](#)

RRID:BDSC_66532

Type: Organism

Proper Citation

RRID:BDSC_66532

Organism Information

URL: <https://n2t.net/bdsc:66532>

Proper Citation: RRID:BDSC_66532

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-mCherry.mito.OMM}2/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes may be present. Donor: Alessio Vagnoni & Simon Bullock, MRC Laboratory of Molecular Biology

Affected Gene: Disc\lRFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 66532

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_66532, BL66532

Organism Name: w[1118]; P{w[+mC]=UAS-mCherry.mito.OMM}2/CyO

Record Creation Time: 20240911T223020+0000

Record Last Update: 20260829T190650+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-mCherry.mito.OMM}2/CyO.

No alerts have been found for w[1118]; P{w[+mC]=UAS-mCherry.mito.OMM}2/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Medina-Quintana J, et al. (2026) Zasp52 in Drosophila melanogaster indirect flight muscles can serve as a model system to investigate the function of clinical variants causing myopathies. G3 (Bethesda, Md.).

Lu W, et al. (2025) 'Mitotic' kinesin-5 is a dynamic brake for axonal growth in Drosophila. Development (Cambridge, England), 152(9).

Tian X, et al. (2024) Rapid lightsheet fluorescence imaging of whole Drosophila brains at nanoscale resolution by potassium acrylate-based expansion microscopy. Nature communications, 15(1), 10911.

Nitta Y, et al. (2024) Drosophila model to clarify the pathological significance of OPA1 in autosomal dominant optic atrophy. eLife, 12.

Holcombe J, et al. (2023) Functional-metabolic coupling in distinct renal cell types coordinates organ-wide physiology and delays premature ageing. Nature communications, 14(1), 8405.

Zipper L, et al. (2022) The MicroRNA miR-277 Controls Physiology and Pathology of the Adult Drosophila Midgut by Regulating the Expression of Fatty Acid β -Oxidation-Related Genes in Intestinal Stem Cells. Metabolites, 12(4).

Del Castillo U, et al. (2022) Ataxin-2 is essential for cytoskeletal dynamics and neurodevelopment in Drosophila. iScience, 25(1), 103536.

Joy J, et al. (2021) Proteostasis failure and mitochondrial dysfunction leads to aneuploidy-induced senescence. Developmental cell, 56(14), 2043.

Xie Y, et al. (2021) Combinatorial deployment of F-actin regulators to build complex 3D actin structures in vivo. eLife, 10.

Banerjee SJ, et al. (2021) iPLA2-VIA is required for healthy aging of neurons, muscle, and the female germline in Drosophila melanogaster. PloS one, 16(9), e0256738.