

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 6, 2026

[w\[1118\]; P{y\[+t7.7\] w\[+mC\]=UAS-mito-QC}attP2](#)

RRID:BDSC_91641

Type: Organism

Proper Citation

RRID:BDSC_91641

Organism Information

URL: <https://n2t.net/bdsc:91641>

Proper Citation: RRID:BDSC_91641

Description: Drosophila melanogaster with name w[1118]; P{y[+t7.7] w[+mC]=UAS-mito-QC}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: A Sb-marked balancer may be segregating, likely TM3, Sb[1] or MKRS. Donor: Alex Whitworth, University of Cambridge

Affected Gene: Avic\GFP, Disc\RFP, Tag:Mito(hFIS1), UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 91641

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_91641, BL91641

Organism Name: w[1118]; P{y[+t7.7] w[+mC]=UAS-mito-QC}attP2

Record Creation Time: 20240911T223421+0000

Record Last Update: 20260801T200314+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{y[+t7.7] w[+mC]=UAS-mito-QC}attP2.

No alerts have been found for w[1118]; P{y[+t7.7] w[+mC]=UAS-mito-QC}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Karatayeva N, et al. (2025) The effect of prolonged G-quadruplex stabilization on the functions of human cells. Scientific reports, 15(1), 19699.

Li S, et al. (2025) Impaired mitochondria-initiated crosstalk with lysosomes reciprocally aggravates mitochondrial defect through LManVI. Nature communications, 16(1), 7304.

Thakur RS, et al. (2025) PDZD8 promotes autophagy at ER-lysosome membrane contact sites to regulate activity-dependent synaptic growth. Cell reports, 44(4), 115483.

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

Chaouhan HS, et al. (2022) Calycosin Alleviates Paraquat-Induced Neurodegeneration by Improving Mitochondrial Functions and Regulating Autophagy in a Drosophila Model of Parkinson's Disease. Antioxidants (Basel, Switzerland), 11(2).