

Resource Summary Report

Generated by [dkNET](#) on Sep 4, 2026

[w\[*\]; Bl\[1\]/CyO; P{w\[+mC\]=UAS-Opa1.RNAi.CDS}3](#)

RRID:BDSC_67159

Type: Organism

Proper Citation

RRID:BDSC_67159

Organism Information

URL: <https://n2t.net/bdsc:67159>

Proper Citation: RRID:BDSC_67159

Description: Drosophila melanogaster with name w[*]; Bl[1]/CyO; P{w[+mC]=UAS-Opa1.RNAi.CDS}3 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM2. Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Ming Guo, UCLA School of Medicine

Affected Gene: Bl, Opa1, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 67159

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_67159, BL67159

Organism Name: w[*]; Bl[1]/CyO; P{w[+mC]=UAS-Opa1.RNAi.CDS}3

Record Creation Time: 20240911T223026+0000

Record Last Update: 20260829T190656+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; Bl[1]/CyO; P{w[+mC]=UAS-Opa1.RNAi.CDS}3.

No alerts have been found for w[*]; Bl[1]/CyO; P{w[+mC]=UAS-Opa1.RNAi.CDS}3.

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 [dkNET](#) .

Onuma M, et al. (2026) Heat-mediated manipulation of gene expression by IR-LEGO in the developing genitalia in Drosophila. G3 (Bethesda, Md.), 16(4).

Richhariya S, et al. (2025) Metabolic rewiring prevents neurodegeneration caused by chronic mitochondrial dysfunction. Current biology : CB, 35(22), 5443.

Zhang T, et al. (2025) Metaxin-2 tunes mitochondrial transportation and neuronal function in Drosophila. Genetics, 229(2).

Sarnataro R, et al. (2025) Mitochondrial origins of the pressure to sleep. Nature, 645(8081), 722.

Uttekar B, et al. (2024) Mitochondrial morphology dynamics and ROS regulate apical polarity and differentiation in Drosophila follicle cells. Development (Cambridge, England), 151(5).

Garcez M, et al. (2020) Mitochondrial Dynamics in the Drosophila Ovary Regulates Germ Stem Cell Number, Cell Fate, and Female Fertility. Frontiers in cell and developmental biology, 8, 596819.

Tsakiri EN, et al. (2019) Proteasome dysfunction induces excessive proteome instability and loss of mitostasis that can be mitigated by enhancing mitochondrial fusion or autophagy. Autophagy, 15(10), 1757.

Huang Z, et al. (2016) PINK1 and Parkin cooperatively protect neurons against constitutively active TRP channel-induced retinal degeneration in Drosophila. Cell death & disease, 7(4), e2179.

Park J, et al. (2010) Drosophila Porin/VDAC affects mitochondrial morphology. PloS one, 5(10), e13151.