

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

w[1]; P{w[+mC]=UAS-Sod1.A}B36

RRID:BDSC_24754

Type: Organism

Proper Citation

RRID:BDSC_24754

Organism Information

URL: <https://n2t.net/bdsc:24754>

Proper Citation: RRID:BDSC_24754

Description: Drosophila melanogaster with name w[1]; P{w[+mC]=UAS-Sod1.A}B36 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating SM5. Donor: John Phillips, University of Guelph

Affected Gene: Sod1, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 24754

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_24754, BL24754

Organism Name: w[1]; P{w[+mC]=UAS-Sod1.A}B36

Record Creation Time: 20240911T222420+0000

Record Last Update: 20260826T175354+0000

Ratings and Alerts

No rating or validation information has been found for w[1]; P{w[+mC]=UAS-Sod1.A}B36.

No alerts have been found for w[1]; P{w[+mC]=UAS-Sod1.A}B36.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Klemm JW, et al. (2025) Regeneration following tissue necrosis is mediated by non-apoptotic caspase activity. *eLife*, 13.

Klemm J, et al. (2024) Regeneration following tissue necrosis is mediated by non-apoptotic caspase activity. *bioRxiv : the preprint server for biology*.

Esteban-Collado J, et al. (2024) Reactive oxygen species activate the Drosophila TNF receptor Wengen for damage-induced regeneration. *The EMBO journal*, 43(17), 3604.

Tendulkar S, et al. (2022) Caspar, an adapter for VAPB and TER94, modulates the progression of ALS8 by regulating IMD/NF- κ B-mediated glial inflammation in a Drosophila model of human disease. *Human molecular genetics*, 31(17), 2857.

Xu DC, et al. (2022) Non-apoptotic activation of Drosophila caspase-2/9 modulates JNK signaling, the tumor microenvironment, and growth of wound-like tumors. *Cell reports*, 39(3), 110718.

Dong Q, et al. (2021) Glial Hedgehog signalling and lipid metabolism regulate neural stem cell proliferation in Drosophila. *EMBO reports*, 22(5), e52130.

Kizhedathu A, et al. (2021) Duox-generated reactive oxygen species activate ATR/Chk1 to induce G2 arrest in Drosophila tracheoblasts. *eLife*, 10.

Bonnay F, et al. (2020) Oxidative Metabolism Drives Immortalization of Neural Stem Cells during Tumorigenesis. *Cell*, 182(6), 1490.

Fujisawa Y, et al. (2020) ROS Regulate Caspase-Dependent Cell Delamination without Apoptosis in the Drosophila Pupal Notum. *iScience*, 23(8), 101413.

Santabábara-Ruiz P, et al. (2019) Ask1 and Akt act synergistically to promote ROS-dependent regeneration in Drosophila. *PLoS genetics*, 15(1), e1007926.

Yoon W, et al. (2019) Drosophila ADCK1 is critical for maintaining mitochondrial structures and functions in the muscle. *PLoS genetics*, 15(5), e1008184.

Kaur H, et al. (2019) Lar maintains the homeostasis of the hematopoietic organ in Drosophila by regulating insulin signaling in the niche. *Development (Cambridge,*

England), 146(24).

Hill VM, et al. (2018) A bidirectional relationship between sleep and oxidative stress in *Drosophila*. PLoS biology, 16(7), e2005206.