Resource Summary Report

Generated by PRECISE-TBI on Jul 29, 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: 20260725T195126+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 PRECISE-TBI .

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?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.

Santabárbara-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.