

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

y[1] w[*]; Sod2[Delta02]/CyO

RRID:BDSC_27643

Type: Organism

Proper Citation

RRID:BDSC_27643

Organism Information

URL: <https://n2t.net/bdsc:27643>

Proper Citation: RRID:BDSC_27643

Description: Drosophila melanogaster with name y[1] w[*]; Sod2[Delta02]/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Amita Sehgal, University of Pennsylvania, Perelman School of Medicine & Xiangzhong Zheng, University of Pennsylvania

Affected Gene: Sod2, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 27643

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_27643, BL27643

Organism Name: y[1] w[*]; Sod2[Delta02]/CyO

Record Creation Time: 20240911T222447+0000

Record Last Update: 20260815T191614+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; Sod2[Delta02]/CyO.

No alerts have been found for y[1] w[*]; Sod2[Delta02]/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Daplan E, et al. (2025) A chance insight into phosgene toxicity. Free radical biology & medicine, 238, 113.

Volpe RP, et al. (2025) Prophylactically Feeding Manganese to Drosophila Confers Sex-Specific Protection from Acute Ionizing Radiation Independent of MnSOD2 Levels. Antioxidants (Basel, Switzerland), 14(2).

Chew LY, et al. (2021) The Nrf2-Keap1 pathway is activated by steroid hormone signaling to govern neuronal remodeling. Cell reports, 36(5), 109466.