

Resource Summary Report

Generated by T1D on Sep 17, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS00692}attP2](#)

RRID:BDSC_32903

Type: Organism

Proper Citation

RRID:BDSC_32903

Organism Information

URL: <https://n2t.net/bdsc:32903>

Proper Citation: RRID:BDSC_32903

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00692}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Duox, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 32903

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32903, BDSC:32903, BL32903

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00692}attP2

Record Creation Time: 20240911T222537+0000

Record Last Update: 20260912T203619+0000

Ratings and Alerts

No rating or validation information has been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00692}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00692}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 15 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

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

Nagy P, et al. (2025) Infectious bacteria, but not the microbiota, induce a NOX-ATM-cytokine pathway that controls epithelial turnover. *Cell reports*, 44(10), 116293.

Touré H, et al. (2024) Remote disruption of intestinal homeostasis by *Mycobacterium abscessus* is detrimental to *Drosophila* survival. *Scientific reports*, 14(1), 30775.

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

Liang W, et al. (2024) The circular RNA circATP8B(2) regulates ROS production and antiviral immunity in *Drosophila*. *Cell reports*, 43(4), 113973.

Birker K, et al. (2023) Mitochondrial MICOS complex genes, implicated in hypoplastic left heart syndrome, maintain cardiac contractility and actomyosin integrity. *eLife*, 12.

Sobrido-Cameán D, et al. (2022) Activity-regulated growth of motoneurons at the neuromuscular junction is mediated by NADPH oxidases. *Frontiers in cellular neuroscience*, 16, 1106593.

Gera J, et al. (2022) Physiological ROS controls Upd3-dependent modeling of ECM to support cardiac function in *Drosophila*. *Science advances*, 8(7), eabj4991.

Baek M, et al. (2022) Dual Oxidase, a Hydrogen-Peroxide-Producing Enzyme, Regulates Neuronal Oxidative Damage and Animal Lifespan in *Drosophila melanogaster*. *Cells*, 11(13).

Kong HE, et al. (2022) Identification of PSMB5 as a genetic modifier of fragile X-associated tremor/ataxia syndrome. *Proceedings of the National Academy of Sciences of the United States of America*, 119(22), e2118124119.

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

Tarayrah-Ibraheim L, et al. (2021) DNase II mediates a parthanatos-like developmental cell death pathway in *Drosophila* primordial germ cells. *Nature communications*, 12(1), 2285.

Dhawan S, et al. (2021) Reactive Oxygen Species Mediate Activity-Regulated Dendritic Plasticity Through NADPH Oxidase and Aquaporin Regulation. *Frontiers in cellular neuroscience*, 15, 641802.

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

Jang W, et al. (2018) Duox mediates ultraviolet injury-induced nociceptive sensitization in *Drosophila* larvae. *Molecular brain*, 11(1), 16.