

Resource Summary Report

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

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMC03562}attP40](#)

RRID:BDSC_53333

Type: Organism

Proper Citation

RRID:BDSC_53333

Organism Information

URL: <https://n2t.net/bdsc:53333>

Proper Citation: RRID:BDSC_53333

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03562}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 53333

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_53333, BL53333

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03562}attP40

Record Creation Time: 20240911T222814+0000

Record Last Update: 20260829T190351+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.HMC03562}attP40.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03562}attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Dong Z, et al. (2025) TRPM-mediated mechanoreception regulates myosin oscillation during tissue elongation. *Current biology : CB*, 35(23), 5793.

Yoshino J, et al. (2025) Heat-off responses of epidermal cells sensitize Drosophila larvae to noxious inputs. *bioRxiv : the preprint server for biology*.

Yoshino J, et al. (2025) Drosophila epidermal cells are intrinsically mechanosensitive and modulate nociceptive behavioral outputs. *eLife*, 13.

Hertzler JI, et al. (2024) Voltage-gated calcium channels act upstream of adenylyl cyclase Ac78C to promote timely initiation of dendrite regeneration. *PLoS genetics*, 20(8), e1011388.

George LF, et al. (2023) Endoplasmic Reticulum Calcium Mediates Drosophila Wing Development. *Bioelectricity*, 5(4), 290.

Prokhorenko MA, et al. (2023) Astrocyte store-operated calcium entry is required for centrally mediated neuropathic pain. *bioRxiv : the preprint server for biology*.

Weiss S, et al. (2022) Glial ER and GAP junction mediated Ca²⁺ waves are crucial to maintain normal brain excitability. *Glia*, 70(1), 123.

Petersen CE, et al. (2022) Analysis of Drosophila cardiac hypertrophy by microcomputerized tomography for genetic dissection of heart growth mechanisms. *American journal of physiology. Heart and circulatory physiology*, 322(2), H296.

Liang X, et al. (2022) Circadian pacemaker neurons display cophasic rhythms in basal calcium level and in fast calcium fluctuations. *Proceedings of the National Academy of Sciences of the United States of America*, 119(17), e2109969119.

Petersen CE, et al. (2020) Suppression of store-operated calcium entry causes dilated cardiomyopathy of the Drosophila heart. *Biology open*, 9(3).

Rotelli MD, et al. (2019) An RNAi Screen for Genes Required for Growth of Drosophila Wing Tissue. *G3* (Bethesda, Md.), 9(10), 3087.