

Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMC03962}attP40](#)

RRID:BDSC_55275

Type: Organism

Proper Citation

RRID:BDSC_55275

Organism Information

URL: <https://n2t.net/bdsc:55275>

Proper Citation: RRID:BDSC_55275

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03962}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 55275

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55275, BL55275

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03962}attP40

Record Creation Time: 20240911T222832+0000

Record Last Update: 20260815T192058+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.HMC03962}attP40.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03962}attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Alvarez M, et al. (2025) Interplay of EGFR, JNK, and ROS signaling in soma-germline communication in the Drosophila testis. Stem cell reports, 20(11), 102676.

Huang YT, et al. (2025) Activation of a Src-JNK pathway in unscheduled endocycling cells of the Drosophila wing disc induces a chronic wounding response. bioRxiv : the preprint server for biology.

Braun T, et al. (2025) Apoptosis-resistant cells drive compensatory proliferation via cell-autonomous and non-autonomous functions of the initiator caspase Dronc. Nature communications, 16(1), 10871.

Bandyadka S, et al. (2025) Multi-modal comparison of molecular programs driving nurse cell death and clearance in Drosophila melanogaster oogenesis. PLoS genetics, 21(1), e1011220.

Zheng T, et al. (2025) Glial-derived TNF/Eiger signaling promotes somatosensory neurite sculpting. Cellular and molecular life sciences : CMLS, 82(1), 47.

Kinoshita J, et al. (2024) Macrophage-like Blood Cells Are Involved in Inter-Tissue Communication to Activate JAK/STAT Signaling, Inducing Antitumor Turandot Proteins in Drosophila Fat Body via the TNF-JNK Pathway. International journal of molecular sciences, 25(23).

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.

Petsakou A, et al. (2023) Epithelial Ca²⁺ waves triggered by enteric neurons heal the gut. bioRxiv : the preprint server for biology.

Letizia A, et al. (2023) The TNFR Wengen regulates the FGF pathway by an unconventional mechanism. Nature communications, 14(1), 5874.

Petsakou A, et al. (2023) Cholinergic neurons trigger epithelial Ca²⁺ currents to heal the gut. *Nature*, 623(7985), 122.

Greenspan LJ, et al. (2022) Activation of the EGFR/MAPK pathway drives transdifferentiation of quiescent niche cells to stem cells in the *Drosophila* testis niche. *eLife*, 11.

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