

Resource Summary Report

Generated by [NIF](#) on Aug 6, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMC03539}attP2](#)

RRID:BDSC_53310

Type: Organism

Proper Citation

RRID:BDSC_53310

Organism Information

URL: <https://n2t.net/bdsc:53310>

Proper Citation: RRID:BDSC_53310

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03539}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 53310

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_53310, BL53310

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03539}attP2

Record Creation Time: 20240911T222813+0000

Record Last Update: 20260801T195457+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.HMC03539}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03539}attP2.

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 [NIF](#) .

Winkler B, et al. (2025) Macrophage invasion into the Drosophila brain requires JAK/STAT-dependent MMP activation in the blood-brain barrier. PLoS biology, 23(2), e3003035.

Deichsel S, et al. (2024) Numerous Serine/Threonine Kinases Affect Blood Cell Homeostasis in Drosophila melanogaster. Cells, 13(7).

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).

Chang YC, et al. (2024) Identification of secretory autophagy as a mechanism modulating activity-induced synaptic remodeling. Proceedings of the National Academy of Sciences of the United States of America, 121(16), e2315958121.

Gong NN, et al. (2021) The chromatin remodeler ISWI acts during Drosophila development to regulate adult sleep. Science advances, 7(8).

Ordway AJ, et al. (2021) A multi-gene knockdown approach reveals a new role for Pax6 in controlling organ number in Drosophila. Development (Cambridge, England), 148(9).

Klemm J, et al. (2021) Necrosis-induced apoptosis promotes regeneration in Drosophila wing imaginal discs. Genetics, 219(3).

Winkler B, et al. (2021) Brain inflammation triggers macrophage invasion across the blood-brain barrier in Drosophila during pupal stages. Science advances, 7(44), eabh0050.

Malpe MS, et al. (2020) G-protein signaling is required for increasing germline stem cell division frequency in response to mating in Drosophila males. Scientific reports, 10(1), 3888.

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

Yang SA, et al. (2019) Oncogenic Notch Triggers Neoplastic Tumorigenesis in a Transition-Zone-like Tissue Microenvironment. *Developmental cell*, 49(3), 461.