

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.HMS02354}attP2/TM3, Sb\[1\]](#)

RRID:BDSC_41957

Type: Organism

Proper Citation

RRID:BDSC_41957

Organism Information

URL: <https://n2t.net/bdsc:41957>

Proper Citation: RRID:BDSC_41957

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02354}attP2/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Dh31, UAS, Sb, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 41957

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_41957, BL41957

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02354}attP2/TM3, Sb[1]

Record Creation Time: 20240911T222659+0000

Record Last Update: 20260815T191856+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.HMS02354}attP2/TM3, Sb[1].

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02354}attP2/TM3, Sb[1].

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](#) .

Okamoto N, et al. (2026) Neuroendocrine control of calcium mobilization in the fruit fly. Nature, 649(8095), 122.

Li X, et al. (2025) Diacylglycerol metabolism drives host-pathogen responses during enteric infection in Drosophila. bioRxiv : the preprint server for biology.

Medina AB, et al. (2025) Neuroendocrine control of intestinal regeneration through the vascular niche in Drosophila. Developmental cell.

Rovenko BM, et al. (2025) Metabolic control of enteroendocrine cell fate through a redox state sensor CtBP. bioRxiv : the preprint server for biology.

Fernandez-Acosta M, et al. (2025) Triggering and modulation of a complex behavior by a single peptidergic command neuron in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 122(11), e2420452122.

Du C, et al. (2025) Social experience alters behaviors by reprogramming the Fruitless pathway and circadian state in Drosophila. bioRxiv : the preprint server for biology.

Yoshinari Y, et al. (2024) A high-protein diet-responsive gut hormone regulates behavioral and metabolic optimization in Drosophila melanogaster. Nature communications, 15(1), 10819.

Kurogi Y, et al. (2023) Female reproductive dormancy in Drosophila is regulated by DH31-producing neurons projecting into the corpus allatum. Development (Cambridge, England), 150(10).

Kotronarou K, et al. (2023) Dietary Stimuli, Intestinal Bacteria and Peptide Hormones Regulate Female Drosophila Defecation Rate. Metabolites, 13(2).

Ko T, et al. (2022) Biogenic action of Lactobacillus plantarum SBT2227 promotes sleep in Drosophila melanogaster. iScience, 25(7), 104626.

Ma T, et al. (2020) RNAi-based screens uncover a potential new role for the orphan neuropeptide receptor Moody in *Drosophila* female germline stem cell maintenance. *PloS one*, 15(12), e0243756.

Ameku T, et al. (2018) Midgut-derived neuropeptide F controls germline stem cell proliferation in a mating-dependent manner. *PLoS biology*, 16(9), e2005004.