

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS02487}attP2](#)

RRID:BDSC_42651

Type: Organism

Proper Citation

RRID:BDSC_42651

Organism Information

URL: <https://n2t.net/bdsc:42651>

Proper Citation: RRID:BDSC_42651

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02487}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1]. Donor: Transgenic RNAi Project

Affected Gene: Act5C, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 42651

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_42651, BL42651

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02487}attP2

Record Creation Time: 20240911T222706+0000

Record Last Update: 20260801T195324+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.HMS02487}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS02487}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Simon E, et al. (2025) Filopodia are essential for steroid release. Nature communications, 16(1), 5501.

Delaney M, et al. (2024) Actin Cytoskeleton and Integrin Components Are Interdependent for Slit Diaphragm Maintenance in Drosophila Nephrocytes. Cells, 13(16).

Ugrankar-Banerjee R, et al. (2023) The fat body cortical actin network regulates Drosophila inter-organ nutrient trafficking, signaling, and adipose cell size. eLife, 12.

Talbot DE, et al. (2023) Prostaglandins limit nuclear actin to control nucleolar function during oogenesis. Frontiers in cell and developmental biology, 11, 1072456.

Rylee J, et al. (2022) A TRiP RNAi screen to identify molecules necessary for Drosophila photoreceptor differentiation. G3 (Bethesda, Md.), 12(11).

Kumar T, et al. (2020) Topology-driven protein-protein interaction network analysis detects genetic sub-networks regulating reproductive capacity. eLife, 9.

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