

Resource Summary Report

Generated by [Kravitz](#) on Sep 14, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS00437}attP2](#)

RRID:BDSC_32439

Type: Organism

Proper Citation

RRID:BDSC_32439

Organism Information

URL: <https://n2t.net/bdsc:32439>

Proper Citation: RRID:BDSC_32439

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00437}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 32439

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32439, BDSC:32439, BL32439

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00437}attP2

Record Creation Time: 20240911T222533+0000

Record Last Update: 20260912T203613+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.HMS00437}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00437}attP2.

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 [Kravitz](#) .

Holland C, et al. (2025) A role for Myo-II zipper and spaghetti squash in Gliotactin-dependent Drosophila melanogaster wing hair planar cell polarity. PloS one, 20(7), e0328970.

Montemurro M, et al. (2025) The mechanical state of pre-tumoral epithelia controls subsequent Drosophila tumor aggressiveness. Developmental cell, 60(7), 1036.

Li S, et al. (2024) Basal actomyosin pulses expand epithelium coordinating cell flattening and tissue elongation. Nature communications, 15(1), 3000.

Fernandes AR, et al. (2023) Drosophila motor neuron boutons remodel through membrane blebbing coupled with muscle contraction. Nature communications, 14(1), 3352.

Ermanoska B, et al. (2023) Non-muscle myosin II regulates presynaptic actin assemblies and neuronal mechanobiology. bioRxiv : the preprint server for biology.

Biehler C, et al. (2021) Pak1 and PP2A antagonize aPKC function to support cortical tension induced by the Crumbs-Yurt complex. eLife, 10.

Edwards-Jorquera SS, et al. (2020) Trpml controls actomyosin contractility and couples migration to phagocytosis in fly macrophages. The Journal of cell biology, 219(3).

Sun T, et al. (2019) Spectraplakin Shot Maintains Perinuclear Microtubule Organization in Drosophila Polyploid Cells. Developmental cell, 49(5), 731.

Chen AS, et al. (2019) Drak/STK17A Drives Neoplastic Glial Proliferation through Modulation of MRLC Signaling. Cancer research, 79(6), 1085.

Tsuboi A, et al. (2018) Competition for Space Is Controlled by Apoptosis-Induced Change of Local Epithelial Topology. Current biology : CB, 28(13), 2115.

Zhang Y, et al. (2018) Collision of Expanding Actin Caps with Actomyosin Borders for Cortical Bending and Mitotic Rounding in a Syncytium. *Developmental cell*, 45(5), 551.

Ratheesh A, et al. (2018) *Drosophila* TNF Modulates Tissue Tension in the Embryo to Facilitate Macrophage Invasive Migration. *Developmental cell*, 45(3), 331.