

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMC03560}attP40](#)

RRID:BDSC_53331

Type: Organism

Proper Citation

RRID:BDSC_53331

Organism Information

URL: <https://n2t.net/bdsc:53331>

Proper Citation: RRID:BDSC_53331

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03560}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 53331

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_53331, BDSC:53331, BL53331

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03560}attP40

Record Creation Time: 20240911T222814+0000

Record Last Update: 20260912T203942+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.HMC03560}attP40.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03560}attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Sardina F, et al. (2024) Cul-4 inhibition rescues spastin levels and reduces defects in hereditary spastic paraplegia models. *Brain : a journal of neurology*, 147(10), 3534.

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.

Bu S, et al. (2022) Drosophila CLASP regulates microtubule orientation and dendrite pruning by suppressing Par-1 kinase. *Cell reports*, 39(9), 110887.

Mallik B, et al. (2022) Roles for Mitochondrial Complex I Subunits in Regulating Synaptic Transmission and Growth. *Frontiers in neuroscience*, 16, 846425.

Chen Y, et al. (2022) The enhanced association between mutant CHMP2B and spastin is a novel pathological link between frontotemporal dementia and hereditary spastic paraplegias. *Acta neuropathologica communications*, 10(1), 169.

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

Mok JW, et al. (2021) Novel function of N-acetyltransferase for microtubule stability and JNK signaling in Drosophila organ development. *Proceedings of the National Academy of Sciences of the United States of America*, 118(4).

Yang DW, et al. (2021) Suppression of Patronin deficiency by altered Hippo signaling in Drosophila organ development. *Cell death and differentiation*, 28(1), 233.

Warecki B, et al. (2020) ESCRT-III-mediated membrane fusion drives chromosome fragments through nuclear envelope channels. *The Journal of cell biology*, 219(3).

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