

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMC04093}attP40](#)

RRID:BDSC_55405

Type: Organism

Proper Citation

RRID:BDSC_55405

Organism Information

URL: <https://n2t.net/bdsc:55405>

Proper Citation: RRID:BDSC_55405

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC04093}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 55405

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55405, BDSC:55405, BL55405

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC04093}attP40

Record Creation Time: 20240911T222834+0000

Record Last Update: 20260905T140741+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.HMC04093}attP40.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC04093}attP40.

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 [NIF](#) .

Alza L, et al. (2026) Pro-tumoral Ca²⁺ signaling is dependent on Slowpoke and Ca²⁺ channels in Drosophila melanogaster glioma. Scientific reports, 16(1).

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.

Gonzalez-Suarez AD, et al. (2022) Excitatory and inhibitory neural dynamics jointly tune motion detection. Current biology : CB, 32(17), 3659.

Ruiz D, et al. (2021) Slowpoke functions in circadian output cells to regulate rest:activity rhythms. PloS one, 16(3), e0249215.

Mahoney R, et al. (2020) Pathogenic Tau Causes a Toxic Depletion of Nuclear Calcium. Cell reports, 32(2), 107900.

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

Kadas D, et al. (2019) Postnatal Increases in Axonal Conduction Velocity of an Identified Drosophila Interneuron Require Fast Sodium, L-Type Calcium and Shaker Potassium Channels. eNeuro, 6(4).