

Resource Summary Report

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

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS00741}attP2](#)

RRID:BDSC_32947

Type: Organism

Proper Citation

RRID:BDSC_32947

Organism Information

URL: <https://n2t.net/bdsc:32947>

Proper Citation: RRID:BDSC_32947

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00741}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 32947

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32947, BDSC:32947, BL32947

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00741}attP2

Record Creation Time: 20240911T222538+0000

Record Last Update: 20260912T203619+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.HMS00741}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00741}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Kamiyama D, et al. (2025) The Vap33 signaling axis precisely coordinates the timing of motoneuron dendritogenesis in neural map development. Nature communications, 16(1), 10893.

Arias-Rojas A, et al. (2025) Infection-induced elevation of gut glycosaminoglycans fosters microbiota expansion in Drosophila melanogaster. Cell reports, 44(12), 116598.

Jackson JA, et al. (2024) Change in RhoGAP and RhoGEF availability drives transitions in cortical patterning and excitability in Drosophila. Current biology : CB, 34(10), 2132.

Kamiyama D, et al. (2024) The VAPB Axis Precisely Coordinates the Timing of Motoneuron Dendritogenesis in Neural Map Development. Research square.

Jackson JA, et al. (2023) Change in RhoGAP and RhoGEF availability drives transitions in cortical patterning and excitability in Drosophila. bioRxiv : the preprint server for biology.

Ho CH, et al. (2020) Specific Isoforms of the Guanine-Nucleotide Exchange Factor dPix Couple Neuromuscular Synapse Growth to Muscle Growth. Developmental cell, 54(1), 117.