

Resource Summary Report

Generated by [Kravitz](#) on Sep 16, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS01258}attP2](#)

RRID:BDSC_34910

Type: Organism

Proper Citation

RRID:BDSC_34910

Organism Information

URL: <https://n2t.net/bdsc:34910>

Proper Citation: RRID:BDSC_34910

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01258}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Rac1, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 34910

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_34910, BDSC:34910, BL34910

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01258}attP2

Record Creation Time: 20240911T222559+0000

Record Last Update: 20260912T203643+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.HMS01258}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01258}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Gombos R, et al. (2026) Spatially distinct FRL and Ena dependent actin networks coordinate nuclear positioning in Drosophila nurse cells. PLoS genetics, 22(2), e1012042.

Gundermann DG, et al. (2025) A rapid and dynamic role for FMRP in the plasticity of adult neurons. Nature communications, 16(1), 11578.

Zhou S, et al. (2022) Two Rac1 pools integrate the direction and coordination of collective cell migration. Nature communications, 13(1), 6014.

Bischoff MC, et al. (2021) Filopodia-based contact stimulation of cell migration drives tissue morphogenesis. Nature communications, 12(1), 791.

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

Kikuchi M, et al. (2020) Disruption of a RAC1-centred network is associated with Alzheimer's disease pathology and causes age-dependent neurodegeneration. Human molecular genetics, 29(5), 817.

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

Upadhyay M, et al. (2018) A switch in the mode of Wnt signaling orchestrates the formation of germline stem cell differentiation niche in Drosophila. PLoS genetics, 14(1), e1007154.