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.HMS00294}attP2

RRID:BDSC_33413
Type: Organism

Proper Citation

RRID:BDSC_33413

Organism Information

URL: https://n2t.net/bdsc:33413

Proper Citation: RRID:BDSC_33413

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00294}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Ca-alpha1D, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 33413

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_33413, BDSC:33413, BL33413

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00294}attP2

Record Creation Time: 20240911T222542+0000

Record Last Update: 20260912T203625+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.HMS00294}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00294}attP2.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Okamoto N, et al. (2026) Neuroendocrine control of calcium mobilization in the fruit fly. Nature, 649(8095), 122.

Paglione M, et al. (2025) Local translatome sustains synaptic function in impaired Wallerian degeneration. EMBO reports, 26(1), 61.

Chechenova M, et al. (2024) Muscle degeneration in aging Drosophila flies: the role of mechanical stress. Skeletal muscle, 14(1), 20.

Hertzler JI, et al. (2024) Voltage-gated calcium channels act upstream of adenylyl cyclase Ac78C to promote timely initiation of dendrite regeneration. PLoS genetics, 20(8), e1011388.

Chechenova M, et al. (2023) Quantitative model of aging-related muscle degeneration: a Drosophila study. bioRxiv : the preprint server for biology.

Trombley S, et al. (2023) Glia instruct axon regeneration via a ternary modulation of neuronal calcium channels in Drosophila. Nature communications, 14(1), 6490.

Liang X, et al. (2022) Circadian pacemaker neurons display cophasic rhythms in basal calcium level and in fast calcium fluctuations. Proceedings of the National Academy of Sciences of the United States of America, 119(17), e2109969119.

Shao L, et al. (2022) Upregulation of IP3 receptor mediates APP-induced defects in synaptic downscaling and sleep homeostasis. Cell reports, 38(13), 110594.

Oh Y, et al. (2021) Periphery signals generated by Piezo-mediated stomach stretch and Neuromedin-mediated glucose load regulate the Drosophila brain nutrient sensor. Neuron, 109(12), 1979.

Blum ID, et al. (2021) Astroglial Calcium Signaling Encodes Sleep Need in Drosophila. Current biology : CB, 31(1), 150.

Leinwand SG, et al. (2021) Juvenile hormone drives the maturation of spontaneous mushroom body neural activity and learned behavior. Neuron, 109(11), 1836.

Metwally E, et al. (2021) Ttm50 facilitates calpain activation by anchoring it to calcium stores and increasing its sensitivity to calcium. Cell research, 31(4), 433.

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

Hsu IU, et al. (2020) Dstac Regulates Excitation-Contraction Coupling in Drosophila Body Wall Muscles. Frontiers in physiology, 11, 573723.

Perry RJ, et al. (2020) Regulation of Metabolism by an Ensemble of Different Ion Channel Types: Excitation-Secretion Coupling Mechanisms of Adipokinetic Hormone Producing Cells in Drosophila. Frontiers in physiology, 11, 580618.

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).

Kadas D, et al. (2017) Dendritic and Axonal L-Type Calcium Channels Cooperate to Enhance Motoneuron Firing Output during Drosophila Larval Locomotion. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(45), 10971.