

Resource Summary Report

Generated by [NIF](#) on Aug 21, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMC04979}attP40](#)

RRID:BDSC_57785

Type: Organism

Proper Citation

RRID:BDSC_57785

Organism Information

URL: <https://n2t.net/bdsc:57785>

Proper Citation: RRID:BDSC_57785

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC04979}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 57785

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_57785, BL57785

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC04979}attP40

Record Creation Time: 20240911T222856+0000

Record Last Update: 20260815T192129+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.HMC04979}attP40.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC04979}attP40.

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 [NIF](#) .

Pasam ES, et al. (2025) Dissecting metabolic regulation of behaviors and physiology during aging in Drosophila. Biogerontology, 26(5), 165.

Pasam ES, et al. (2025) Dissecting Metabolic Control of Behaviors and Physiology During Aging in Drosophila. Research square.

Livelo C, et al. (2023) Time-restricted feeding promotes muscle function through purine cycle and AMPK signaling in Drosophila obesity models. Nature communications, 14(1), 949.

Silva B, et al. (2022) Glia fuel neurons with locally synthesized ketone bodies to sustain memory under starvation. Nature metabolism, 4(2), 213.

Rackley B, et al. (2021) The level of oncogenic Ras determines the malignant transformation of Lkb1 mutant tissue in vivo. Communications biology, 4(1), 142.

Ingaramo MC, et al. (2020) Fat Body p53 Regulates Systemic Insulin Signaling and Autophagy under Nutrient Stress via Drosophila Upd2 Repression. Cell reports, 33(4), 108321.

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

Xu J, et al. (2018) Yorkie Functions at the Cell Cortex to Promote Myosin Activation in a Non-transcriptional Manner. Developmental cell, 46(3), 271.