

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 31, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMC06242}attP40/CyO](#)

RRID:BDSC_65963

Type: Organism

Proper Citation

RRID:BDSC_65963

Organism Information

URL: <https://n2t.net/bdsc:65963>

Proper Citation: RRID:BDSC_65963

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC06242}attP40/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes may be present. Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 65963

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_65963, BL65963

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC06242}attP40/CyO

Record Creation Time: 20240911T223014+0000

Record Last Update: 20260725T195833+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.HMC06242}attP40/CyO.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC06242}attP40/CyO.

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 [PRECISE-TBI](#) .

Amartuvshin O, et al. (2025) Acetyl-CoA carboxylase maintains energetic balance for functional oogenesis. Nature communications, 16(1), 10677.

Li Y, et al. (2023) Bioorthogonal Stimulated Raman Scattering Imaging Uncovers Lipid Metabolic Dynamics in Drosophila Brain During Aging. GEN biotechnology, 2(3), 247.

Long M, et al. (2022) DGAT1 activity synchronises with mitophagy to protect cells from metabolic rewiring by iron depletion. The EMBO journal, 41(10), e109390.

Girard V, et al. (2021) Abnormal accumulation of lipid droplets in neurons induces the conversion of alpha-Synuclein to proteolytic resistant forms in a Drosophila model of Parkinson's disease. PLoS genetics, 17(11), e1009921.

Martínez BA, et al. (2020) Innate immune signaling in Drosophila shifts anabolic lipid metabolism from triglyceride storage to phospholipid synthesis to support immune function. PLoS genetics, 16(11), e1009192.

Marchesin V, et al. (2019) Molecular Basis for Autosomal-Dominant Renal Fanconi Syndrome Caused by HNF4A. Cell reports, 29(13), 4407.