

Resource Summary Report

Generated by [NIF](#) on Sep 2, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS03722}attP2](#)

RRID:BDSC_54461

Type: Organism

Proper Citation

RRID:BDSC_54461

Organism Information

URL: <https://n2t.net/bdsc:54461>

Proper Citation: RRID:BDSC_54461

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS03722}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1]. Donor: Transgenic RNAi Project

Affected Gene: LpR2, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 54461

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_54461, BL54461

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS03722}attP2

Record Creation Time: 20240911T222824+0000

Record Last Update: 20260829T190406+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.HMS03722}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS03722}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Burugupally G, et al. (2026) The LDL pathway regulates actomyosin ring dynamics necessary for optimal cell wound repair. microPublication biology, 2026.

Du C, et al. (2025) Social experience alters behaviors by reprogramming the Fruitless pathway and circadian state in Drosophila. bioRxiv : the preprint server for biology.

Huang K, et al. (2025) Lipid metabolism of hepatocyte-like cells supports intestinal tumor growth by promoting tracheogenesis. bioRxiv : the preprint server for biology.

Gera J, et al. (2024) High sugar diet-induced fatty acid oxidation potentiates cytokine-dependent cardiac ECM remodeling. The Journal of cell biology, 223(9).

Vialat M, et al. (2024) Cholesterol Dietary Intake and Tumor Cell Homeostasis Drive Early Epithelial Tumorigenesis: A Potential Modelization of Early Prostate Tumorigenesis. Cancers, 16(11).

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

Moulton MJ, et al. (2021) Neuronal ROS-induced glial lipid droplet formation is altered by loss of Alzheimer's disease-associated genes. Proceedings of the National Academy of Sciences of the United States of America, 118(52).

Hudry B, et al. (2019) Sex Differences in Intestinal Carbohydrate Metabolism Promote Food Intake and Sperm Maturation. Cell, 178(4), 901.

Palmer WH, et al. (2018) Isolation of a natural DNA virus of Drosophila melanogaster, and characterisation of host resistance and immune responses. PLoS pathogens, 14(6), e1007050.

Yin J, et al. (2018) Transcriptional Regulation of Lipophorin Receptors Supports Neuronal Adaptation to Chronic Elevations of Activity. Cell reports, 25(5), 1181.