

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.GLV21071}attP2/TM3, Sb\[1\]](#)

RRID:BDSC_35706

Type: Organism

Proper Citation

RRID:BDSC_35706

Organism Information

URL: <https://n2t.net/bdsc:35706>

Proper Citation: RRID:BDSC_35706

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.GLV21071}attP2/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Kdm5, UAS, Sb, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 35706

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_35706, BL35706

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.GLV21071}attP2/TM3, Sb[1]

Record Creation Time: 20240911T222606+0000

Record Last Update: 20260815T191755+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.GLV21071}attP2/TM3, Sb[1].

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.GLV21071}attP2/TM3, Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Terry BK, et al. (2026) Individuals with reported and novel KDM5C variants present with seizures, a feature recapitulated in a Drosophila model. Human molecular genetics, 35(4).

McGovern SE, et al. (2026) Broad Epigenetic Shifts in the Aging Drosophila Retina Contribute to Its Altered Diurnal Rhythmic Transcriptome. Aging cell, 25(2), e70396.

Cabrita B, et al. (2025) Drosophila COMPASS Complex Subunits Set1 and Ash2 Are Required for Oocyte Determination and Maintenance of the Synaptonemal Complex. Journal of developmental biology, 13(3).

Akkouche A, et al. (2025) Binding of heterochromatin protein Rhino to a subset of piRNA clusters depends on a combination of two histone marks. Nature structural & molecular biology, 32(8), 1517.

Yheskel M, et al. (2024) KDM5-mediated transcriptional activation of ribosomal protein genes alters translation efficiency to regulate mitochondrial metabolism in neurons. Nucleic acids research, 52(11), 6201.

Torres-Campana D, et al. (2022) Three classes of epigenomic regulators converge to hyperactivate the essential maternal gene deadhead within a heterochromatin mini-domain. PLoS genetics, 18(1), e1009615.

Belalcazar HM, et al. (2021) The histone demethylase KDM5 is required for synaptic structure and function at the Drosophila neuromuscular junction. Cell reports, 34(7), 108753.

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

Hatch HAM, et al. (2021) A KDM5-Prospero transcriptional axis functions during early neurodevelopment to regulate mushroom body formation. eLife, 10.