

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS00083}attP2/TM3, Sb\[1\]](#)

RRID:BDSC_34774

Type: Organism

Proper Citation

RRID:BDSC_34774

Organism Information

URL: <https://n2t.net/bdsc:34774>

Proper Citation: RRID:BDSC_34774

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00083}attP2/TM3, Sb[1] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: HDAC4, UAS, Sb, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 34774

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_34774, BL34774

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00083}attP2/TM3, Sb[1]

Record Creation Time: 20240911T222557+0000

Record Last Update: 20260829T190048+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.HMS00083}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.HMS00083}attP2/TM3, Sb[1].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Deal SL, et al. (2026) RNAi-based screen for pigmentation in *Drosophila melanogaster* reveals regulators of brain dopamine and sleep. *iScience*, 29(1), 114388.

Mabry SJ, et al. (2025) *Fusobacterium nucleatum* determines the expression of amphetamine-induced behavioral responses through an epigenetic phenomenon. *bioRxiv* : the preprint server for biology.

Lones L, et al. (2023) SIK3 and Wnk converge on Fray to regulate glial K⁺ buffering and seizure susceptibility. *PLoS genetics*, 19(1), e1010581.

Li H, et al. (2021) Bidirectional regulation of glial potassium buffering - glioprotection versus neuroprotection. *eLife*, 10.

Li H, et al. (2019) SIK3 suppresses neuronal hyperexcitability by regulating the glial capacity to buffer K⁺ and water. *The Journal of cell biology*, 218(12), 4017.