

Resource Summary Report

Generated by [NIF](#) on Sep 22, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.GL01057}attP2](#)

RRID:BDSC_36824

Type: Organism

Proper Citation

RRID:BDSC_36824

Organism Information

URL: <https://n2t.net/bdsc:36824>

Proper Citation: RRID:BDSC_36824

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.GL01057}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Dop2R, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 36824

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_36824, BDSC:36824, BL36824

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.GL01057}attP2

Record Creation Time: 20240911T222617+0000

Record Last Update: 20260919T203050+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.GL01057}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.GL01057}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Dalton HM, et al. (2024) A drug repurposing screen reveals dopamine signaling as a critical pathway underlying potential therapeutics for the rare disease DPAGT1-CDG. PLoS genetics, 20(10), e1011458.

Love CR, et al. (2023) The Drosophila dopamine 2-like receptor D2R (Dop2R) is required in the blood brain barrier for male courtship. Genes, brain, and behavior, 22(1), e12836.

Kasturacharya N, et al. (2023) A STIM dependent dopamine-neuropeptide axis maintains the larval drive to feed and grow in Drosophila. PLoS genetics, 19(6), e1010435.

Titos I, et al. (2023) A gut-secreted peptide suppresses arousability from sleep. Cell, 186(7), 1382.

Kapoor A, et al. (2022) Dual control of dopamine in Drosophila myeloid-like progenitor cell proliferation and regulation of lymph gland growth. EMBO reports, 23(6), e52951.

Qiao J, et al. (2022) Input-timing-dependent plasticity at incoming synapses of the mushroom body facilitates olfactory learning in Drosophila. Current biology : CB, 32(22), 4869.

Driscoll M, et al. (2021) Compartment specific regulation of sleep by mushroom body requires GABA and dopaminergic signaling. Scientific reports, 11(1), 20067.