

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF01848}attP2](#)

RRID:BDSC_25830

Type: Organism

Proper Citation

RRID:BDSC_25830

Organism Information

URL: <https://n2t.net/bdsc:25830>

Proper Citation: RRID:BDSC_25830

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01848}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Ca-alpha1D, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 25830

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25830, BDSC:25830, BL25830

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01848}attP2

Record Creation Time: 20240911T222430+0000

Record Last Update: 20260905T140155+0000

Ratings and Alerts

No rating or validation information has been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01848}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01848}attP2.

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 [dkNET](#) .

Trombley S, et al. (2023) Glia instruct axon regeneration via a ternary modulation of neuronal calcium channels in Drosophila. Nature communications, 14(1), 6490.

Liang X, et al. (2022) Circadian pacemaker neurons display cophasic rhythms in basal calcium level and in fast calcium fluctuations. Proceedings of the National Academy of Sciences of the United States of America, 119(17), e2109969119.

Blum ID, et al. (2021) Astroglial Calcium Signaling Encodes Sleep Need in Drosophila. Current biology : CB, 31(1), 150.

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

Fernandez-Chiappe F, et al. (2021) High-Frequency Neuronal Bursting is Essential for Circadian and Sleep Behaviors in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(4), 689.

Palacios-Muñoz A, et al. (2018) Calcium and cAMP directly modulate the speed of the Drosophila circadian clock. PLoS genetics, 14(6), e1007433.