

Resource Summary Report

Generated by [dkNET](#) on Aug 19, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF02725}attP2](#)

RRID:BDSC_27571

Type: Organism

Proper Citation

RRID:BDSC_27571

Organism Information

URL: <https://n2t.net/bdsc:27571>

Proper Citation: RRID:BDSC_27571

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02725}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: mAChR-A, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 27571

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_27571, BL27571

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02725}attP2

Record Creation Time: 20240911T222447+0000

Record Last Update: 20260815T191613+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.JF02725}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02725}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 [dkNET](#) .

Meng Z, et al. (2025) Neurexin regulates mechanical nociceptive sensitization by central inhibition in Drosophila. Science advances, 11(51), eadz9682.

Rundell TB, et al. (2023) Polygenic adaptation to overnutrition reveals a role for cholinergic signaling in longevity. bioRxiv : the preprint server for biology.

Rozenfeld E, et al. (2021) GPCR voltage dependence controls neuronal plasticity and behavior. Nature communications, 12(1), 7252.

Barber AF, et al. (2021) Drosophila clock cells use multiple mechanisms to transmit time-of-day signals in the brain. Proceedings of the National Academy of Sciences of the United States of America, 118(10).

Bielopolski N, et al. (2019) Inhibitory muscarinic acetylcholine receptors enhance aversive olfactory learning in adult Drosophila. eLife, 8.

Rozenfeld E, et al. (2019) Muscarinic Modulation of Antennal Lobe GABAergic Local Neurons Shapes Odor Coding and Behavior. Cell reports, 29(10), 3253.

Schlichting M, et al. (2019) A Distinct Visual Pathway Mediates High-Intensity Light Adaptation of the Circadian Clock in Drosophila. The Journal of neuroscience : the official journal of the Society for Neuroscience, 39(9), 1621.