

Resource Summary Report

Generated by [Kravitz](#) on Sep 17, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF02214}attP2](#)

RRID:BDSC_31924

Type: Organism

Proper Citation

RRID:BDSC_31924

Organism Information

URL: <https://n2t.net/bdsc:31924>

Proper Citation: RRID:BDSC_31924

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02214}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Ctps, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 31924

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_31924, BDSC:31924, BL31924

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02214}attP2

Record Creation Time: 20240911T222528+0000

Record Last Update: 20260912T203606+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.JF02214}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02214}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Boumard B, et al. (2025) Cell-type-specific nucleotide sharing through gap junctions impacts sensitivity to replication stress in Drosophila. Developmental cell.

Hong J, et al. (2025) Integrative role of CTPS cytoophidia in polyploid tissue growth and nutrient adaptation. Insect science.

Liu J, et al. (2023) Fat body-specific reduction of CTPS alleviates HFD-induced obesity. eLife, 12.

Liu J, et al. (2022) Cytoophidia coupling adipose architecture and metabolism. Cellular and molecular life sciences : CMLS, 79(10), 534.

Palu RAS, et al. (2022) A natural genetic variation screen identifies insulin signaling, neuronal communication, and innate immunity as modifiers of hyperglycemia in the absence of Sirt1. G3 (Bethesda, Md.), 12(6).

Rotelli MD, et al. (2019) A Cyclin A-Myb-MuvB-Aurora B network regulates the choice between mitotic cycles and polyploid endoreplication cycles. PLoS genetics, 15(7), e1008253.

Zirin J, et al. (2019) Interspecies analysis of MYC targets identifies tRNA synthetases as mediators of growth and survival in MYC-overexpressing cells. Proceedings of the National Academy of Sciences of the United States of America, 116(29), 14614.

Rotelli MD, et al. (2019) An RNAi Screen for Genes Required for Growth of Drosophila Wing Tissue. G3 (Bethesda, Md.), 9(10), 3087.