

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 9, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF01951}attP2](#)

RRID:BDSC_25931

Type: Organism

Proper Citation

RRID:BDSC_25931

Organism Information

URL: <https://n2t.net/bdsc:25931>

Proper Citation: RRID:BDSC_25931

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01951}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: AMPKalpha, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 25931

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_25931, BL25931

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01951}attP2

Record Creation Time: 20240911T222431+0000

Record Last Update: 20260808T194624+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.JF01951}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01951}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 [SPARC SAWG](#) .

Tan JYK, et al. (2024) Interplay between autophagy and CncC regulates dendrite pruning in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 121(10), e2310740121.

Guo S, et al. (2023) Muscle PARP1 inhibition extends lifespan through AMPK?? PARylation and activation in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 120(13), e2213857120.

Silva B, et al. (2022) Glia fuel neurons with locally synthesized ketone bodies to sustain memory under starvation. Nature metabolism, 4(2), 213.

Marzano M, et al. (2021) AMPK adapts metabolism to developmental energy requirement during dendrite pruning in Drosophila. Cell reports, 37(7), 110024.

Liu J, et al. (2021) AMPK signaling mediates synphilin-1-induced hyperphagia and obesity in Drosophila. Journal of cell science, 134(3).

Chittoor-Vinod VG, et al. (2020) Dietary Amino Acids Impact LRRK2-Induced Neurodegeneration in Parkinson's Disease Models. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(32), 6234.

Zhang F, et al. (2020) Mitochondria regulate intestinal stem cell proliferation and epithelial homeostasis through FOXO. Molecular biology of the cell, 31(14), 1538.

Xu J, et al. (2018) Yorkie Functions at the Cell Cortex to Promote Myosin Activation in a Non-transcriptional Manner. Developmental cell, 46(3), 271.