

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF01650}attP2](#)

RRID:BDSC_31157

Type: Organism

Proper Citation

RRID:BDSC_31157

Organism Information

URL: <https://n2t.net/bdsc:31157>

Proper Citation: RRID:BDSC_31157

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01650}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Marf, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 31157

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_31157, BDSC:31157, BL31157

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01650}attP2

Record Creation Time: 20240911T222521+0000

Record Last Update: 20260905T140312+0000

Ratings and Alerts

No rating or validation information has been found for y[1] v[1]; P{y[+7.7] v[+1.8]=TRiP.JF01650}attP2.

No alerts have been found for y[1] v[1]; P{y[+7.7] v[+1.8]=TRiP.JF01650}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Matsuo T, et al. (2025) Marf- and Opa1-Dependent Formation of Mitochondrial Network Structure Is Required for Cell Growth and Subsequent Meiosis in Drosophila Males. International journal of molecular sciences, 26(20).

Pasam ES, et al. (2025) Dissecting metabolic regulation of behaviors and physiology during aging in Drosophila. Biogerontology, 26(5), 165.

Pasam ES, et al. (2025) Dissecting Metabolic Control of Behaviors and Physiology During Aging in Drosophila. Research square.

Kumar A, et al. (2024) MFN2 coordinates mitochondria motility with α -tubulin acetylation and this regulation is disrupted in CMT2A. iScience, 27(6), 109994.

Dark C, et al. (2024) Mitochondrial fusion and altered beta-oxidation drive muscle wasting in a Drosophila cachexia model. EMBO reports, 25(4), 1835.

Kumar A, et al. (2023) MFN2-dependent recruitment of ATAT1 coordinates mitochondria motility with alpha-tubulin acetylation and is disrupted in CMT2A. bioRxiv : the preprint server for biology.

Qu C, et al. (2022) RhoA/ROCK Signaling Regulates Drp1-Mediated Mitochondrial Fission During Collective Cell Migration. Frontiers in cell and developmental biology, 10, 882581.

Ray A, et al. (2021) A Conserved Role for Asrij/OCIAD1 in Progenitor Differentiation and Lineage Specification Through Functional Interaction With the Regulators of Mitochondrial Dynamics. Frontiers in cell and developmental biology, 9, 643444.

Tapia A, et al. (2021) Mild Muscle Mitochondrial Fusion Distress Extends Drosophila Lifespan through an Early and Systemic Metabolome Reorganization. International journal of molecular sciences, 22(22).

Joy J, et al. (2021) Proteostasis failure and mitochondrial dysfunction leads to aneuploidy-induced senescence. Developmental cell, 56(14), 2043.

Bonnay F, et al. (2020) Oxidative Metabolism Drives Immortalization of Neural Stem Cells during Tumorigenesis. *Cell*, 182(6), 1490.

Kankel MW, et al. (2020) Amyotrophic Lateral Sclerosis Modifiers in *Drosophila* Reveal the Phospholipase D Pathway as a Potential Therapeutic Target. *Genetics*, 215(3), 747.

Zhou J, et al. (2019) Large-scale RNAi screen identified Dhpr as a regulator of mitochondrial morphology and tissue homeostasis. *Science advances*, 5(9), eaax0365.

Yurgel ME, et al. (2018) Ade2 Functions in the *Drosophila* Fat Body To Promote Sleep. *G3 (Bethesda, Md.)*, 8(11), 3385.