

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF02762}attP2](#)

RRID:BDSC_27682

Type: Organism

Proper Citation

RRID:BDSC_27682

Organism Information

URL: <https://n2t.net/bdsc:27682>

Proper Citation: RRID:BDSC_27682

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02762}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Drp1, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 27682

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_27682, BL27682

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02762}attP2

Record Creation Time: 20240911T222448+0000

Record Last Update: 20260815T191614+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.JF02762}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF02762}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](#) .

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).

Hasan A, et al. (2024) Bcl-2 Orthologues, Buffy and Debcl, Can Suppress Drp1-Dependent Age-Related Phenotypes in Drosophila. Biomolecules, 14(9).

Birker K, et al. (2023) Mitochondrial MICOS complex genes, implicated in hypoplastic left heart syndrome, maintain cardiac contractility and actomyosin integrity. eLife, 12.

Liu P, et al. (2022) mTORC2 protects the heart from high-fat diet-induced cardiomyopathy through mitochondrial fission in Drosophila. Frontiers in cell and developmental biology, 10, 866210.

Recasens-Alvarez C, et al. (2017) JAK/STAT controls organ size and fate specification by regulating morphogen production and signalling. Nature communications, 8, 13815.

Chen L, et al. (2016) Mitochondria and Caspases Tune Nmnat-Mediated Stabilization to Promote Axon Regeneration. PLoS genetics, 12(12), e1006503.