

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMC02929}attP40](#)

RRID:BDSC_44535

Type: Organism

Proper Citation

RRID:BDSC_44535

Organism Information

URL: <https://n2t.net/bdsc:44535>

Proper Citation: RRID:BDSC_44535

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMC02929}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Transgenic RNAi Project

Affected Gene: ND-30, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 44535

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_44535, BL44535

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMC02929}attP40

Record Creation Time: 20240911T222724+0000

Record Last Update: 20260801T195344+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.HMC02929}attP40.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.HMC02929}attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Velentzas PD, et al. (2026) The pyruvate transporter hermes regulates autophagy and health by modulating ROS production. Cell reports, 45(7), 117574.

Mallik B, et al. (2025) Mitochondrial Complex I and ROS control neuromuscular function through opposing pre- and postsynaptic mechanisms. PLoS biology, 23(9), e3003388.

Deger JM, et al. (2025) Revealing the nervous system requirements of Alzheimer disease risk genes in Drosophila. American journal of human genetics, 112(12), 2870.

Chang YC, et al. (2024) Identification of secretory autophagy as a mechanism modulating activity-induced synaptic remodeling. Proceedings of the National Academy of Sciences of the United States of America, 121(16), e2315958121.

Byrns CN, et al. (2024) Senescent glia link mitochondrial dysfunction and lipid accumulation. Nature, 630(8016), 475.

Mallik B, et al. (2024) Mitochondrial Complex I and ROS control synapse function through opposing pre- and postsynaptic mechanisms. bioRxiv : the preprint server for biology.

Rimal S, et al. (2023) Reverse electron transfer is activated during aging and contributes to aging and age-related disease. EMBO reports, 24(4), e55548.

Mallik B, et al. (2022) Roles for Mitochondrial Complex I Subunits in Regulating Synaptic Transmission and Growth. Frontiers in neuroscience, 16, 846425.

Ojha R, et al. (2022) Regulation of reverse electron transfer at mitochondrial complex I by unconventional Notch action in cancer stem cells. Developmental cell, 57(2), 260.

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

Wu Z, et al. (2019) MISTERMINATE Mechanistically Links Mitochondrial Dysfunction with Proteostasis Failure. Molecular cell, 75(4), 835.