

Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS01651}attP40](#)

RRID:BDSC_37509

Type: Organism

Proper Citation

RRID:BDSC_37509

Organism Information

URL: <https://n2t.net/bdsc:37509>

Proper Citation: RRID:BDSC_37509

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01651}attP40 from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: park, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 37509

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_37509, BDSC:37509, BL37509

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01651}attP40

Record Creation Time: 20240911T222623+0000

Record Last Update: 20260912T203713+0000

Ratings and Alerts

No rating or validation information has been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01651}attP40.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01651}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 [dkNET](#) .

Dileep M, et al. (2026) Synergism of IP3R and Parkin mutants identifies mitochondrial stress as an early feature of Parkinson's disease. *Disease models & mechanisms*, 19(1).

Kinnart I, et al. (2024) Elevated α -synuclein levels inhibit mitophagic flux. *NPJ Parkinson's disease*, 10(1), 80.

Coleman CR, et al. (2024) Natural variation in age-related dopamine neuron degeneration is glutathione dependent and linked to life span. *Proceedings of the National Academy of Sciences of the United States of America*, 121(42), e2403450121.

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.

Narwal S, et al. (2023) Analysis of α -syn and parkin interaction in mediating neuronal death in Drosophila model of Parkinson's disease. *Frontiers in cellular neuroscience*, 17, 1295805.

Xu C, et al. (2023) A phosphate-sensing organelle regulates phosphate and tissue homeostasis. *Nature*, 617(7962), 798.

Lin J, et al. (2020) Paradoxical Mitophagy Regulation by PINK1 and TUFm. *Molecular cell*, 80(4), 607.

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

Xu P, et al. (2019) Atg2, Atg9 and Atg18 in mitochondrial integrity, cardiac function and healthspan in Drosophila. *Journal of molecular and cellular cardiology*, 127, 116.

Cornelissen T, et al. (2018) Deficiency of parkin and PINK1 impairs age-dependent mitophagy in *Drosophila*. *eLife*, 7.