

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMC04160}attP2](#)

RRID:BDSC_55886

Type: Organism

Proper Citation

RRID:BDSC_55886

Organism Information

URL: <https://n2t.net/bdsc:55886>

Proper Citation: RRID:BDSC_55886

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC04160}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Pink1, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 55886

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55886, BDSC:55886, BL55886

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC04160}attP2

Record Creation Time: 20240911T222838+0000

Record Last Update: 20260912T204014+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.HMC04160}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC04160}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Wang R, et al. (2023) PINK1, Keap1, and Rtnl1 regulate selective clearance of endoplasmic reticulum during development. *Cell*, 186(19), 4172.

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.

Gumeni S, et al. (2021) Nrf2 activation induces mitophagy and reverses Parkin/Pink1 knock down-mediated neuronal and muscle degeneration phenotypes. *Cell death & disease*, 12(7), 671.

Han Y, et al. (2021) Roles of PINK1 in regulation of systemic growth inhibition induced by mutations of PTEN in Drosophila. *Cell reports*, 34(12), 108875.

Valadas JS, et al. (2018) ER Lipid Defects in Neuropeptidergic Neurons Impair Sleep Patterns in Parkinson's Disease. *Neuron*, 98(6), 1155.