Resource Summary Report

Generated by dkNET on Aug 30, 2026

y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00422}attP2

RRID:BDSC_32427
Type: Organism

Proper Citation

RRID:BDSC_32427

Organism Information

URL: https://n2t.net/bdsc:32427

Proper Citation: RRID:BDSC_32427

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00422}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 32427

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32427, BL32427

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00422}attP2

Record Creation Time: 20240911T222533+0000

Record Last Update: 20260829T190019+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.HMS00422}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS00422}attP2.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Suzawa M, et al. (2025) The insulin-like peptides Dilp2 and Dilp6 exhibit divergent responses to dietary sugar and protein in Drosophila larvae. Proceedings of the National Academy of Sciences of the United States of America, 122(42), e2426930122.

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

Gao Y, et al. (2023) Nutritional Programming of the Lifespan of Male Drosophila by Activating FOXO on Larval Low-Nutrient Diet. Nutrients, 15(8).

Li Y, et al. (2023) Bioorthogonal Stimulated Raman Scattering Imaging Uncovers Lipid Metabolic Dynamics in Drosophila Brain During Aging. GEN biotechnology, 2(3), 247.

Kanaoka Y, et al. (2023) Inter-organ Wingless/Ror/Akt signaling regulates nutrient-dependent hyperarborization of somatosensory neurons. eLife, 12.

Greenspan LJ, et al. (2022) Activation of the EGFR/MAPK pathway drives transdifferentiation of quiescent niche cells to stem cells in the Drosophila testis niche. eLife, 11.

Giraud G, et al. (2021) Developmental Robustness: The Haltere Case in Drosophila. Frontiers in cell and developmental biology, 9, 713282.

Luo Y, et al. (2021) Yeast volatiles double starvation survival in Drosophila. Science advances, 7(20).

Kumar T, et al. (2020) Topology-driven protein-protein interaction network analysis detects genetic sub-networks regulating reproductive capacity. eLife, 9.

Han MH, et al. (2020) NF-??B disinhibition contributes to dendrite defects in fly models of neurodegenerative diseases. The Journal of cell biology, 219(12).

Fan X, et al. (2020) Dihydromyricetin promotes longevity and activates the transcription factors FOXO and AOP in Drosophila. Aging, 13(1), 460.

Poe AR, et al. (2020) Low FoxO expression in Drosophila somatosensory neurons protects dendrite growth under nutrient restriction. eLife, 9.

Birnbaum A, et al. (2020) FOXO Regulates Neuromuscular Junction Homeostasis During Drosophila Aging. Frontiers in aging neuroscience, 12, 567861.

McLaughlin CN, et al. (2019) Dying Neurons Utilize Innate Immune Signaling to Prime Glia for Phagocytosis during Development. Developmental cell, 48(4), 506.

Kwon MJ, et al. (2018) Coiled-coil structure-dependent interactions between polyQ proteins and Foxo lead to dendrite pathology and behavioral defects. Proceedings of the National Academy of Sciences of the United States of America, 115(45), E10748.

Tas D, et al. (2018) Parallel roles of transcription factors dFOXO and FER2 in the development and maintenance of dopaminergic neurons. PLoS genetics, 14(3), e1007271.

Artoni F, et al. (2017) Loss of foxo rescues stem cell aging in Drosophila germ line. eLife, 6.