Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Mar 29, 2025

y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=VALIUM20-EGFP.RNAi.4}attP40

RRID:BDSC_41552
Type: Organism

Proper Citation

RRID:BDSC_41552

Organism Information

URL: https://n2t.net/bdsc:41552

Proper Citation: RRID:BDSC_41552

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=VALIUM20-EGFP.RNAi.4}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: It has been reported that crosses to tub-GAL4 result in lethality for unknown reasons. There may be other effects with other drivers. May be segregating CyO. Donor: Norbert Perrimon & Ralph Neumuller, Harvard Medical School

Affected Gene: Avic\GFP, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 41552

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: Available

Alternate IDs: BDSC:41552

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=VALIUM20-EGFP.RNAi.4}attP40

Record Creation Time: 20230308T053819+0000

Record Last Update: 20240731T231023+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]=VALIUM20-EGFP.RNAi.4}attP40.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=VALIUM20-EGFP.RNAi.4}attP40.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Desai M, et al. (2024) Mrj is a chaperone of the Hsp40 family that regulates Orb2 oligomerization and long-term memory in Drosophila. PLoS biology, 22(4), e3002585.

Jiao J, et al. (2023) Modulation of protease expression by the transcription factor Ptx1/PITX regulates protein quality control during aging. Cell reports, 42(1), 111970.

Colonnetta MM, et al. (2023) Germline/soma distinction in Drosophila embryos requires regulators of zygotic genome activation. eLife, 12.

Bonheur M, et al. (2023) A rapid and bidirectional reporter of neural activity reveals neural correlates of social behaviors in Drosophila. Nature neuroscience, 26(7), 1295.

Gong J, et al. (2023) TrpA1 is a shear stress mechanosensing channel regulating intestinal stem cell proliferation in Drosophila. Science advances, 9(21), eadc9660.

Titos I, et al. (2023) A gut-secreted peptide suppresses arousability from sleep. Cell, 186(7), 1382.

Molina-Pelayo C, et al. (2022) The conserved Pelado/ZSWIM8 protein regulates actin dynamics by promoting linear actin filament polymerization. Life science alliance, 5(12).

Colonnetta MM, et al. (2022) Preformation and epigenesis converge to specify primordial

germ cell fate in the early Drosophila embryo. PLoS genetics, 18(1), e1010002.

Lin YH, et al. (2021) Adenosine Receptor and Its Downstream Targets, Mod(mdg4) and Hsp70, Work as a Signaling Pathway Modulating Cytotoxic Damage in Drosophila. Frontiers in cell and developmental biology, 9, 651367.

Rai M, et al. (2021) Proteasome stress in skeletal muscle mounts a long-range protective response that delays retinal and brain aging. Cell metabolism, 33(6), 1137.

Manzéger A, et al. (2021) Condition-dependent functional shift of two Drosophila Mtmr lipid phosphatases in autophagy control. Autophagy, 17(12), 4010.

Tseng TL, et al. (2021) The RNA helicase Ddx52 functions as a growth switch in juvenile zebrafish. Development (Cambridge, England), 148(15).

Colonnetta MM, et al. (2021) Antagonism between germ cell-less and Torso receptor regulates transcriptional quiescence underlying germline/soma distinction. eLife, 10.

Yoon WH, et al. (2017) Loss of Nardilysin, a Mitochondrial Co-chaperone for ?-Ketoglutarate Dehydrogenase, Promotes mTORC1 Activation and Neurodegeneration. Neuron, 93(1), 115.