

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

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

RRID:BDSC_41555

Type: Organism

Proper Citation

RRID:BDSC_41555

Organism Information

URL: <https://n2t.net/bdsc:41555>

Proper Citation: RRID:BDSC_41555

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

Species: Drosophila melanogaster

Notes: Wolbachia present per E. Giniger 3/20/2026. 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: 41555

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_41555, BL41555

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

Record Creation Time: 20240911T222655+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.1}attP40.

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Astacio E, et al. (2025) The regulation of triglyceride storage by Acsx4 and Acsx5 in Drosophila fat tissue. microPublication biology, 2025.

Takada Y, et al. (2025) Gut microbiota-mediated lipid accumulation as a driver of evolutionary adaptation to blue light toxicity in Drosophila. Communications biology, 8(1), 998.

Mao R, et al. (2024) Conditional chemoconnectomics (cCCTomics) as a strategy for efficient and conditional targeting of chemical transmission. eLife, 12.

Kazek M, et al. (2024) Glucose and trehalose metabolism through the cyclic pentose phosphate pathway shapes pathogen resistance and host protection in Drosophila. PLoS biology, 22(5), e3002299.

Morales TS, et al. (2021) The Role of Spermidine Synthase (SpdS) and Spermine Synthase (Sms) in Regulating Triglyceride Storage in Drosophila. Medical sciences (Basel, Switzerland), 9(2).

Girard V, et al. (2021) Abnormal accumulation of lipid droplets in neurons induces the conversion of alpha-Synuclein to proteolytic resistant forms in a Drosophila model of Parkinson's disease. PLoS genetics, 17(11), e1009921.

Jewett CE, et al. (2017) Planar polarized Rab35 functions as an oscillatory ratchet during cell intercalation in the Drosophila epithelium. Nature communications, 8(1), 476.