

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMC03863}attP40](#)

RRID:BDSC_55855

Type: Organism

Proper Citation

RRID:BDSC_55855

Organism Information

URL: <https://n2t.net/bdsc:55855>

Proper Citation: RRID:BDSC_55855

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03863}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: ImpL2, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 55855

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_55855, BL55855

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03863}attP40

Record Creation Time: 20240911T222838+0000

Record Last Update: 20260815T192104+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.HMC03863}attP40.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC03863}attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Falconi J, et al. (2026) Tumor-derived Ilp8 and Upd3 contribute to intestinal progenitor cells depletion during cachexia in Drosophila larvae. Cell reports, 45(8), 117722.

McMullen E, et al. (2024) JAK/STAT mediated insulin resistance in muscles is essential for effective immune response. Cell communication and signaling : CCS, 22(1), 203.

Rodríguez-Vázquez M, et al. (2024) Fat body glycolysis defects inhibit mTOR and promote distant muscle disorganization through TNF- α /egr and ImpL2 signaling in Drosophila larvae. EMBO reports, 25(10), 4410.

Krejčová G, et al. (2023) Macrophage-derived insulin antagonist ImpL2 induces lipoprotein mobilization upon bacterial infection. The EMBO journal, 42(23), e114086.

Millington JW, et al. (2021) Genetic manipulation of insulin/insulin-like growth factor signaling pathway activity has sex-biased effects on Drosophila body size. G3 (Bethesda, Md.), 11(3).

Jarabo P, et al. (2021) Insulin signaling mediates neurodegeneration in glioma. Life science alliance, 4(3).

Newton H, et al. (2020) Systemic muscle wasting and coordinated tumour response drive tumourigenesis. Nature communications, 11(1), 4653.

Nye DMR, et al. (2020) The receptor tyrosine kinase Ror is required for dendrite regeneration in Drosophila neurons. PLoS biology, 18(3), e3000657.

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