

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 23, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMC06316}attP40](#)

RRID:BDSC_67215

Type: Organism

Proper Citation

RRID:BDSC_67215

Organism Information

URL: <https://n2t.net/bdsc:67215>

Proper Citation: RRID:BDSC_67215

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC06316}attP40 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: Gcn2, UAS, sc, sev, v, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 67215

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_67215, BL67215

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC06316}attP40

Record Creation Time: 20240911T223027+0000

Record Last Update: 20260815T192330+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.HMC06316}attP40.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMC06316}attP40.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Harper NS, et al. (2026) Targeting the integrated stress response or Ataxin-2 alleviates neurodegeneration in PolyGR models of C9orf72 associated frontotemporal dementia and amyotrophic lateral sclerosis. *Acta neuropathologica communications*, 14(1).

G??tz MS, et al. (2026) Suppression rather than activation of the integrated stress response (GCN2-ATF4) pathway extends lifespan in the fly. *Proceedings of the National Academy of Sciences of the United States of America*, 123(18), e2518812123.

Huang YT, et al. (2025) Activation of a Src-JNK pathway in unscheduled endocycling cells of the Drosophila wing disc induces a chronic wounding response. *bioRxiv : the preprint server for biology*.

Poe AR, et al. (2024) Energetic demands regulate sleep-wake rhythm circuit development. *eLife*, 13.

Paul PK, et al. (2024) Maintenance of proteostasis by Drosophila Rer1 is essential for competitive cell survival and Myc-driven overgrowth. *PLoS genetics*, 20(2), e1011171.

Xue M, et al. (2023) Loss of Paip1 causes translation reduction and induces apoptotic cell death through ISR activation and Xrp1. *Cell death discovery*, 9(1), 288.

Poe AR, et al. (2023) Energetic Demands Regulate Sleep-Wake Rhythm Circuit Development. *bioRxiv : the preprint server for biology*.

Li Y, et al. (2023) The mTORC2/AKT/VCP axis is associated with quality control of the stalled translation of poly(GR) dipeptide repeats in C9-ALS/FTD. *The Journal of biological chemistry*, 299(3), 102995.

Kosakamoto H, et al. (2022) Sensing of the non-essential amino acid tyrosine governs the response to protein restriction in Drosophila. *Nature metabolism*, 4(7), 944.

Bonfini A, et al. (2021) Multiscale analysis reveals that diet-dependent midgut plasticity emerges from alterations in both stem cell niche coupling and enterocyte size. *eLife*, 10.

Sorge S, et al. (2020) ATF4-Induced Warburg Metabolism Drives Over-Proliferation in *Drosophila*. *Cell reports*, 31(7), 107659.