

Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

[y\[1\] sc\[*\] v\[1\] sev\[21\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.HMS01324}attP2](#)

RRID:BDSC_34336

Type: Organism

Proper Citation

RRID:BDSC_34336

Organism Information

URL: <https://n2t.net/bdsc:34336>

Proper Citation: RRID:BDSC_34336

Description: Drosophila melanogaster with name y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01324}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

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

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 34336

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_34336, BL34336

Organism Name: y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01324}attP2

Record Creation Time: 20240911T222551+0000

Record Last Update: 20260815T191742+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.HMS01324}attP2.

No alerts have been found for y[1] sc[*] v[1] sev[21]; P{y[+t7.7] v[+t1.8]=TRiP.HMS01324}attP2.

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 [NIF](#) .

Wessel EM, et al. (2026) Glycolysis is intrinsically required in the follicle stem cell lineage but not in female germline stem cells or their early progeny in *Drosophila melanogaster*. *Genetics*, 232(3).

Bretscher H, et al. (2025) Glycogen homeostasis and mitochondrial DNA expression require motor neuron to muscle TGF- β /Activin signaling in *Drosophila*. *iScience*, 28(1), 111611.

Rovenko BM, et al. (2025) Metabolic control of enteroendocrine cell fate through a redox state sensor CtBP. *bioRxiv* : the preprint server for biology.

Lee SH, et al. (2025) *Drosophila* Pyruvate Kinase Links Metabolic State with Circadian Output via TARANIS and PDF. *bioRxiv* : the preprint server for biology.

Gupta R, et al. (2025) Neuronal glycolytic reprogramming drives lethality via accelerated aging in a *Drosophila* model of tauopathy. *bioRxiv* : the preprint server for biology.

Lee SH, et al. (2025) *Drosophila* Pyruvate Kinase Links Metabolic State with Circadian Output via TARANIS and PDF. *Research square*.

Livelo C, et al. (2023) Time-restricted feeding promotes muscle function through purine cycle and AMPK signaling in *Drosophila* obesity models. *Nature communications*, 14(1), 949.

Dalton HM, et al. (2022) A genome-wide CRISPR screen identifies DPM1 as a modifier of DPAGT1 deficiency and ER stress. *PLoS genetics*, 18(9), e1010430.

de Tredern E, et al. (2021) Glial glucose fuels the neuronal pentose phosphate pathway for long-term memory. *Cell reports*, 36(8), 109620.

Lebo DPV, et al. (2021) An RNAi screen of the kinome in epithelial follicle cells of the *Drosophila melanogaster* ovary reveals genes required for proper germline death and

clearance. G3 (Bethesda, Md.), 11(2).

Marzano M, et al. (2021) AMPK adapts metabolism to developmental energy requirement during dendrite pruning in *Drosophila*. *Cell reports*, 37(7), 110024.

Manzo E, et al. (2019) Glycolysis upregulation is neuroprotective as a compensatory mechanism in ALS. *eLife*, 8.

van den Ameele J, et al. (2019) Neural stem cell temporal patterning and brain tumour growth rely on oxidative phosphorylation. *eLife*, 8.

Wong KKL, et al. (2019) A positive feedback loop between Myc and aerobic glycolysis sustains tumor growth in a *Drosophila* tumor model. *eLife*, 8.