

# Resource Summary Report

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

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

RRID:BDSC\_34336

Type: Organism

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## Proper Citation

RRID:BDSC\_34336

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## 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

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## 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.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 14 mentions in open access literature.

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

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- $\beta$ /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.

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).

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

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.