

Resource Summary Report

Generated by [dkNET](#) on Aug 12, 2026

[y\[1\] v\[1\]; P{y\[+t7.7\] v\[+t1.8\]=TRiP.JF01482}attP2](#)

RRID:BDSC_31037

Type: Organism

Proper Citation

RRID:BDSC_31037

Organism Information

URL: <https://n2t.net/bdsc:31037>

Proper Citation: RRID:BDSC_31037

Description: Drosophila melanogaster with name y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01482}attP2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Transgenic RNAi Project

Affected Gene: InR, UAS, v, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 31037

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_31037, BL31037

Organism Name: y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01482}attP2

Record Creation Time: 20240911T222519+0000

Record Last Update: 20260808T194724+0000

Ratings and Alerts

No rating or validation information has been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01482}attP2.

No alerts have been found for y[1] v[1]; P{y[+t7.7] v[+t1.8]=TRiP.JF01482}attP2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Ding Z, et al. (2026) An ultraconserved pseudo 5' splice site fine-tunes development by regulating alternative splicing within TOR-related pathways. Nature communications, 17(1).

Nelson JO, et al. (2025) Insulin signaling regulates R2 retrotransposon expression to orchestrate transgenerational rDNA copy number maintenance. Nature communications, 16(1), 399.

Fischer Z, et al. (2025) The Drosophila pseudokinase Tribbles translocates to the fat body membrane in response to fasting to modulate insulin sensitivity. Development (Cambridge, England), 152(8).

Zhang J, et al. (2025) Nutrient status alters developmental fates via a switch in mitochondrial homeodynamics. Nature communications, 16(1), 1258.

Li J, et al. (2025) Desaturase-dependent secretory functions of hepatocyte-like cells control systemic lipid metabolism during starvation in Drosophila. Nature communications, 16(1), 10409.

Maurya D, et al. (2024) Transient caspase-mediated activation of caspase-activated DNase causes DNA damage required for phagocytic macrophage differentiation. Cell reports, 43(5), 114251.

Okada M, et al. (2023) Oncogenic stress-induced Netrin is a humoral signaling molecule that reprograms systemic metabolism in Drosophila. The EMBO journal, 42(12), e111383.

Li J, et al. (2023) Peroxisomal ERK mediates Akh/glucagon action and glycemic control. Cell reports, 42(10), 113200.

Na D, et al. (2023) A multi-layered network model identifies Akt1 as a common modulator of neurodegeneration. Molecular systems biology, 19(12), e11801.

Sênos Demarco R, et al. (2022) Escargot controls somatic stem cell maintenance through the attenuation of the insulin receptor pathway in *Drosophila*. *Cell reports*, 39(3), 110679.

Zhang L, et al. (2022) Nutrients and pheromones promote insulin release to inhibit courtship drive. *Science advances*, 8(10), eabl6121.

Dabbara H, et al. (2021) *Drosophila* insulin receptor regulates diabetes-induced mechanical nociceptive hypersensitivity. *microPublication biology*, 2021.

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).

Ma T, et al. (2020) RNAi-based screens uncover a potential new role for the orphan neuropeptide receptor Moody in *Drosophila* female germline stem cell maintenance. *PloS one*, 15(12), e0243756.

Kumar T, et al. (2020) Topology-driven protein-protein interaction network analysis detects genetic sub-networks regulating reproductive capacity. *eLife*, 9.

Sênos Demarco R, et al. (2020) EGFR Signaling Stimulates Autophagy to Regulate Stem Cell Maintenance and Lipid Homeostasis in the *Drosophila* Testis. *Cell reports*, 30(4), 1101.

Ahlers LRH, et al. (2019) Insulin Potentiates JAK/STAT Signaling to Broadly Inhibit Flavivirus Replication in Insect Vectors. *Cell reports*, 29(7), 1946.

Singh T, et al. (2018) Opposing Action of Hedgehog and Insulin Signaling Balances Proliferation and Autophagy to Determine Follicle Stem Cell Lifespan. *Developmental cell*, 46(6), 720.

Green DA, et al. (2014) Insulin signalling underlies both plasticity and divergence of a reproductive trait in *Drosophila*. *Proceedings. Biological sciences*, 281(1779), 20132673.