

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

[y\[1\] w\[1118\]; P{w\[+mC\]=UAS-hep.CA}4](#)

RRID:BDSC_6406

Type: Organism

Proper Citation

RRID:BDSC_6406

Organism Information

URL: <https://n2t.net/bdsc:6406>

Proper Citation: RRID:BDSC_6406

Description: Drosophila melanogaster with name y[1] w[1118]; P{w[+mC]=UAS-hep.CA}4 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Takashi Adachi-Yamada, Kobe University

Affected Gene: hep, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 6406

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6406, BDSC:6406, BL6406

Organism Name: y[1] w[1118]; P{w[+mC]=UAS-hep.CA}4

Record Creation Time: 20240911T222200+0000

Record Last Update: 20260912T203123+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[1118]; P{w[+mC]=UAS-hep.CA}4.

No alerts have been found for y[1] w[1118]; P{w[+mC]=UAS-hep.CA}4.

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](#).

Wu K, et al. (2025) Werner syndrome exonuclease promotes gut regeneration and causes age-associated gut hyperplasia in Drosophila. PLoS biology, 23(4), e3003121.

Rust K, et al. (2025) Independent signaling pathways provide a fail-safe mechanism to prevent tumorigenesis. bioRxiv : the preprint server for biology.

Quinn JW, et al. (2025) A threshold level of JNK activates damage-responsive enhancers via JAK/STAT to promote tissue regeneration. Development (Cambridge, England), 152(20).

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.

Huang YT, et al. (2024) An unscheduled switch to endocycles induces a reversible senescent arrest that impairs growth of the Drosophila wing disc. PLoS genetics, 20(9), e1011387.

Yamada T, et al. (2023) Nac?? protects the larval fat body from cell death by maintaining cellular proteostasis in Drosophila. Nature communications, 14(1), 5328.

Li C, et al. (2023) Slik maintains tissue homeostasis by preventing JNK-mediated apoptosis. Cell division, 18(1), 16.

Greenspan LJ, et al. (2022) Activation of the EGFR/MAPK pathway drives transdifferentiation of quiescent niche cells to stem cells in the Drosophila testis niche. eLife, 11.

Harris RE, et al. (2020) Damage-responsive, maturity-silenced enhancers regulate multiple genes that direct regeneration in Drosophila. eLife, 9.

Zhang S, et al. (2020) Analysis on gene modular network reveals morphogen-directed development robustness in Drosophila. Cell discovery, 6, 43.

Xu C, et al. (2019) The Septate Junction Protein Tsp2A Restricts Intestinal Stem Cell Activity via Endocytic Regulation of aPKC and Hippo Signaling. *Cell reports*, 26(3), 670.

Worley MI, et al. (2018) CtBP impedes JNK- and Upd/STAT-driven cell fate misspecifications in regenerating *Drosophila* imaginal discs. *eLife*, 7.

Yanku Y, et al. (2018) *Drosophila* HUWE1 Ubiquitin Ligase Regulates Endoreplication and Antagonizes JNK Signaling During Salivary Gland Development. *Cells*, 7(10).

Xu C, et al. (2017) Oxidative stress induces stem cell proliferation via TRPA1/RyR-mediated Ca^{2+} signaling in the *Drosophila* midgut. *eLife*, 6.