

Resource Summary Report

Generated by [Kravitz](#) on Sep 8, 2026

w[*]; P{w[+mC]=UAS-Hep.Act}2

RRID:BDSC_9306

Type: Organism

Proper Citation

RRID:BDSC_9306

Organism Information

URL: <https://n2t.net/bdsc:9306>

Proper Citation: RRID:BDSC_9306

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-Hep.Act}2 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO. Donor: Marek Mlodzik, Mount Sinai School of Medicine

Affected Gene: hep, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 9306

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9306, BDSC:9306, BL9306

Organism Name: w[*]; P{w[+mC]=UAS-Hep.Act}2

Record Creation Time: 20240911T222223+0000

Record Last Update: 20260905T135858+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-Hep.Act}2.

No alerts have been found for $w[*]$; $P\{w[+mC]=UAS-Hep.Act\}2$.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Mishra AK, et al. (2025) Hyperactive Rac converts sublethal nibbling to lethal phagocytosis in vivo. *bioRxiv : the preprint server for biology*.

Qin P, et al. (2025) Age mosaic of gut epithelial cells prevents aging. *Nature communications*, 16(1), 6734.

Kumar R, et al. (2025) JNK Kinase regulates cachexia like syndrome in scribble knockdown tumor model of *Drosophila melanogaster*. *Developmental biology*, 517, 28.

Gonzalez-Baez L, et al. (2025) Melanization regulates wound healing by limiting polyploid cell growth in the *Drosophila* epithelium. *Genetics*, 231(1).

Karkali K, et al. (2023) JNK signaling in pioneer neurons organizes ventral nerve cord architecture in *Drosophila* embryos. *Nature communications*, 14(1), 675.

Jaiswal J, et al. (2023) Mutual repression between JNK/AP-1 and JAK/STAT stratifies senescent and proliferative cell behaviors during tissue regeneration. *PLoS biology*, 21(5), e3001665.

Karkali K, et al. (2023) Puckered and JNK signaling in pioneer neurons coordinates the motor activity of the *Drosophila* embryo. *Nature communications*, 14(1), 8186.

Letizia A, et al. (2023) The TNFR Wengen regulates the FGF pathway by an unconventional mechanism. *Nature communications*, 14(1), 5874.

Wang CW, et al. (2023) A conserved mechanism for JNK-mediated loss of Notch function in advanced prostate cancer. *Science signaling*, 16(810), eabo5213.

Yin Y, et al. (2022) The CRTIC-CREB axis functions as a transcriptional sensor to protect against proteotoxic stress in *Drosophila*. *Cell death & disease*, 13(8), 688.

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.

Girard JR, et al. (2021) Paths and pathways that generate cell-type heterogeneity and developmental progression in hematopoiesis. *eLife*, 10.

Chang YC, et al. (2019) Reproduction disrupts stem cell homeostasis in testes of aged male *Drosophila* via an induced microenvironment. *PLoS genetics*, 15(7), e1008062.

Zhai Z, et al. (2018) Cell-Specific Imd-NF- κ B Responses Enable Simultaneous Antibacterial Immunity and Intestinal Epithelial Cell Shedding upon Bacterial Infection. *Immunity*, 48(5), 897.

Koon AC, et al. (2018) *Drosophila* Exo70 Is Essential for Neurite Extension and Survival under Thermal Stress. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 38(37), 8071.

Rousset R, et al. (2017) Signalling crosstalk at the leading edge controls tissue closure dynamics in the *Drosophila* embryo. *PLoS genetics*, 13(2), e1006640.