

Resource Summary Report

Generated by [ASWG](#) on Aug 23, 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, BL9306

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

Record Creation Time: 20240911T222223+0000

Record Last Update: 20260815T191317+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 [ASWG](#).

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.

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

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

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

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.

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.

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.