

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

[w\[1118\]; P{w\[+mC\]=Hml-GAL4.Delta}3,
P{w\[+mC\]=UAS-2xEGFP}AH3/MKRS](#)

RRID:BDSC_30142

Type: Organism

Proper Citation

RRID:BDSC_30142

Organism Information

URL: <https://n2t.net/bdsc:30142>

Proper Citation: RRID:BDSC_30142

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=Hml-GAL4.Delta}3, P{w[+mC]=UAS-2xEGFP}AH3/MKRS from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating sna[Sc]. Donor: Sergey Sinenko, Duke University Medical Center

Affected Gene: GAL4, Hml, Avic\GFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 30142

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_30142, BL30142

Organism Name: w[1118]; P{w[+mC]=Hml-GAL4.Delta}3, P{w[+mC]=UAS-2xEGFP}AH3/MKRS

Record Creation Time: 20240911T222511+0000

Record Last Update: 20260815T191645+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=Hml-GAL4.Delta}3, P{w[+mC]=UAS-2xEGFP}AH3/MKRS.

No alerts have been found for w[1118]; P{w[+mC]=Hml-GAL4.Delta}3, P{w[+mC]=UAS-2xEGFP}AH3/MKRS.

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 [dkNET](#) .

Hayman DJ, et al. (2025) Expansion of Drosophila haemocytes using a conditional GeneSwitch driver affects larval haemocyte function, but does not modulate adult lifespan or survival after severe infection. *The Journal of experimental biology*, 228(9).

Hirooka E, et al. (2025) Macrophages promote tumor growth by phagocytosis-mediated cytokine amplification in Drosophila. *Current biology : CB*, 35(13), 3209.

Varga V, et al. (2025) Role of Hemocytes in the Aging of Drosophila Male Germline. *Cells*, 14(4).

Yang Y, et al. (2024) Innate immune and proinflammatory signals activate the Hippo pathway via a Tak1-STRIPAK-Tao axis. *Nature communications*, 15(1), 145.

Deichsel S, et al. (2024) Inhibition of the Notch signal transducer CSL by Pkc53E-mediated phosphorylation to fend off parasitic immune challenge in Drosophila. *eLife*, 12.

Tanaka T, et al. (2024) Endocytosed dsRNAs induce lysosomal membrane permeabilization that allows cytosolic dsRNA translocation for Drosophila RNAi responses. *Nature communications*, 15(1), 6993.

Chasse AY, et al. (2024) Professional phagocytes are recruited for the clearance of obsolete nonprofessional phagocytes in the Drosophila ovary. *Frontiers in immunology*, 15, 1389674.

Petsakou A, et al. (2023) Cholinergic neurons trigger epithelial Ca²⁺ currents to heal the gut. *Nature*, 623(7985), 122.

Weaver CM, et al. (2022) Modified protocol for culturing Drosophila S2 R⁺ cells and adult plasmatocytes to study actin cytoskeleton dynamics. *STAR protocols*, 3(3), 101588.

Vaibhvi V, et al. (2022) Hemocytes and fat body cells, the only professional immune cell types in *Drosophila*, show strikingly different responses to systemic infections. *Frontiers in immunology*, 13, 1040510.

Coates JA, et al. (2021) Identification of functionally distinct macrophage subpopulations in *Drosophila*. *eLife*, 10.

Bakopoulos D, et al. (2020) Insulin-Like Signalling Influences the Coordination of Larval Hemocyte Number with Body Size in *Drosophila melanogaster*. *G3 (Bethesda, Md.)*, 10(7), 2213.

Chung HL, et al. (2020) Loss- or Gain-of-Function Mutations in ACOX1 Cause Axonal Loss via Different Mechanisms. *Neuron*, 106(4), 589.

Wong CO, et al. (2017) Lysosomal Degradation Is Required for Sustained Phagocytosis of Bacteria by Macrophages. *Cell host & microbe*, 21(6), 719.