

Resource Summary Report

Generated by PRECISE-TBI on Aug 23, 2026

y[*] w[*]; P{w[+mC]=UAS-2xEGFP}AH3

RRID:BDSC_6658

Type: Organism

Proper Citation

RRID:BDSC_6658

Organism Information

URL: <https://n2t.net/bdsc:6658>

Proper Citation: RRID:BDSC_6658

Description: Drosophila melanogaster with name y[*] w[*]; P{w[+mC]=UAS-2xEGFP}AH3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Alan Michelson, Mass General Brigham

Affected Gene: Avic\GFP, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 6658

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6658, BL6658

Organism Name: y[*] w[*]; P{w[+mC]=UAS-2xEGFP}AH3

Record Creation Time: 20240911T222202+0000

Record Last Update: 20260815T191253+0000

Ratings and Alerts

No rating or validation information has been found for y[*] w[*]; P{w[+mC]=UAS-2xEGFP}AH3.

No alerts have been found for y[*] w[*]; P{w[+mC]=UAS-2xEGFP}AH3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 79 mentions in open access literature.

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

Cho B, et al. (2026) Sleep-dependent clearance of brain lipids by peripheral blood cells. Nature, 651(8106), 720.

Aguilar G, et al. (2026) In situ mutational screening and CRISPR interference define apterous cis-regulatory inputs during compartment boundary formation. eLife, 12.

Zhang J, et al. (2026) A Set of Novel Venom Proteins Enables Parasitoid Wasps to Exploit Older Hosts and Coexist with Competitors. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(4), e12654.

Wang J, et al. (2026) Neuropeptide F-expressing neurons in Drosophila constitute centrifugal pathway to optic lobes. PloS one, 21(2), e0343221.

Wu SC, et al. (2025) Dysfunctional BCAA degradation triggers neuronal damage through disrupted AMPK-mitochondrial axis due to enhanced PP2Ac interaction. Communications biology, 8(1), 105.

Lee JI, et al. (2025) The matrix glycoprotein Papilin maintains the haematopoietic progenitor pool in Drosophila lymph glands. Development (Cambridge, England), 152(7).

Juba AN, et al. (2025) park^{+/+} and park^{-/-} Drosophila have sexually dimorphic brain redox chemistry. Disease models & mechanisms, 18(8).

Miao H, et al. (2025) Electrical silencing of dendritic arborization neurons rescues toxic polyglutamine-induced locomotion defect. Fly, 19(1), 2519687.

Jones TB, et al. (2024) Mild traumatic brain injury in Drosophila melanogaster alters reactive oxygen and nitrogen species in a sex-dependent manner. Experimental neurology, 372, 114621.

Kharrat B, et al. (2024) Dual role for Headcase in hemocyte progenitor fate determination in Drosophila melanogaster. PLoS genetics, 20(10), e1011448.

Goins LM, et al. (2024) Wnt signaling couples G2 phase control with differentiation during hematopoiesis in *Drosophila*. *Developmental cell*, 59(18), 2477.

Yoon SH, et al. (2023) Molecular traces of *Drosophila* hemocytes reveal transcriptomic conservation with vertebrate myeloid cells. *PLoS genetics*, 19(12), e1011077.

Ortega JA, et al. (2023) CLIP-Seq analysis enables the design of protective ribosomal RNA bait oligonucleotides against C9ORF72 ALS/FTD poly-GR pathophysiology. *Science advances*, 9(45), eadf7997.

Takarada K, et al. (2023) Ectopic expression of matrix metalloproteinases and filopodia extension via JNK activation are involved in the invasion of blood tumor cells in *Drosophila* mxc mutant. *Genes to cells : devoted to molecular & cellular mechanisms*, 28(10), 709.

Gu P, et al. (2022) Nociception and hypersensitivity involve distinct neurons and molecular transducers in *Drosophila*. *Proceedings of the National Academy of Sciences of the United States of America*, 119(12), e2113645119.

Wang Z, et al. (2022) Identification and characterization of a heme exporter from the MRP family in *Drosophila melanogaster*. *BMC biology*, 20(1), 126.

F??ldi I, et al. (2022) Molecular Dissection of DAAM Function during Axon Growth in *Drosophila* Embryonic Neurons. *Cells*, 11(9).

Aggarwal P, et al. (2022) Disruption of the lipolysis pathway results in stem cell death through a sterile immunity-like pathway in adult *Drosophila*. *Cell reports*, 39(12), 110958.

Lehne F, et al. (2022) Calcium bursts allow rapid reorganization of EFhD2/Swip-1 cross-linked actin networks in epithelial wound closure. *Nature communications*, 13(1), 2492.

Fischer PJ, et al. (2022) Multiple mechanisms mediate the suppression of motion vision during escape maneuvers in flying *Drosophila*. *iScience*, 25(10), 105143.