

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 11, 2025

w[*]; P{w[+mC]=UAS-2xEGFP}AH2

RRID:BDSC_6874

Type: Organism

Proper Citation

RRID:BDSC_6874

Organism Information

URL: <https://n2t.net/bdsc:6874>

Proper Citation: RRID:BDSC_6874

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-2xEGFP}AH2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Alan Michelson, Mass General Brigham

Affected Gene: Avic\GFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 6874

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:6874, BL6874

Organism Name: w[*]; P{w[+mC]=UAS-2xEGFP}AH2

Record Creation Time: 20240911T222204+0000

Record Last Update: 20250331T210812+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-2xEGFP}AH2.

No alerts have been found for w[*]; P{w[+mC]=UAS-2xEGFP}AH2.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 40 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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

Gera J, et al. (2024) High sugar diet-induced fatty acid oxidation potentiates cytokine-dependent cardiac ECM remodeling. *The Journal of cell biology*, 223(9).

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

Wang ZH, et al. (2023) Mechanical stimulation from the surrounding tissue activates mitochondrial energy metabolism in *Drosophila* differentiating germ cells. *Developmental cell*, 58(21), 2249.

Petsakou A, et al. (2023) Epithelial Ca²⁺ waves triggered by enteric neurons heal the gut. *bioRxiv* : the preprint server for biology.

Katheder NS, et al. (2023) Nicotinic acetylcholine receptor signaling maintains epithelial barrier integrity. *eLife*, 12.

Fujino Y, et al. (2023) FUS regulates RAN translation through modulating the G-quadruplex structure of GGGGCC repeat RNA in C9orf72-linked ALS/FTD. *eLife*, 12.

Ohhara Y, et al. (2022) Internal sensory neurons regulate stage-specific growth in *Drosophila*. *Development (Cambridge, England)*, 149(21).

Kosakamoto H, et al. (2022) Sensing of the non-essential amino acid tyrosine governs the response to protein restriction in *Drosophila*. *Nature metabolism*, 4(7), 944.

Stephenson HN, et al. (2022) Hemocytes are essential for *Drosophila melanogaster* post-

embryonic development, independent of control of the microbiota. *Development* (Cambridge, England), 149(18).

Bali N, et al. (2022) Sticks and Stones, a conserved cell surface ligand for the Type IIa RPTP Lar, regulates neural circuit wiring in *Drosophila*. *eLife*, 11.

Fujiwara T, et al. (2022) Walking strides direct rapid and flexible recruitment of visual circuits for course control in *Drosophila*. *Neuron*, 110(13), 2124.

Vijayan V, et al. (2022) An internal expectation guides *Drosophila* egg-laying decisions. *Science advances*, 8(43), eabn3852.

Gera J, et al. (2022) Physiological ROS controls Upd3-dependent modeling of ECM to support cardiac function in *Drosophila*. *Science advances*, 8(7), eabj4991.

Akiyama T, et al. (2022) The feedback regulator Nord controls Dpp/BMP signaling via extracellular interaction with Dally in the *Drosophila* wing. *Developmental biology*, 488, 91.

Ramakrishnan A, et al. (2021) Gap junction protein Innexin2 modulates the period of free-running rhythms in *Drosophila melanogaster*. *iScience*, 24(9), 103011.

Campbell JS, et al. (2021) PTPN21/Pez Is a Novel and Evolutionarily Conserved Key Regulator of Inflammation In Vivo. *Current biology : CB*, 31(4), 875.

Tauc HM, et al. (2021) Age-related changes in polycomb gene regulation disrupt lineage fidelity in intestinal stem cells. *eLife*, 10.

Balakrishnan M, et al. (2021) Analyzing muscle structure and function throughout the larval instars in live *Drosophila*. *STAR protocols*, 2(1), 100291.

Yamashita K, et al. (2021) Activation of innate immunity during development induces unresolved dysbiotic inflammatory gut and shortens lifespan. *Disease models & mechanisms*, 14(9).