Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 3, 2025

w[1118]; P{w[+mC]=UAS-EGFP}5a.2

RRID:BDSC_5431
Type: Organism

Proper Citation

RRID:BDSC_5431

Organism Information

URL: https://n2t.net/bdsc:5431

Proper Citation: RRID:BDSC_5431

Description: Drosophila melanogaster with name w[1118]; P{w[+mC]=UAS-EGFP}5a.2 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Eric Spana, Duke University; Donor's Source: Martin Zeidler, Harvard Medical School

Affected Gene: Avic\GFP, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 5431

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC:5431, BL5431

Organism Name: w[1118]; P{w[+mC]=UAS-EGFP}5a.2

Record Creation Time: 20240911T222152+0000

Record Last Update: 20250331T210746+0000

Ratings and Alerts

No rating or validation information has been found for w[1118]; P{w[+mC]=UAS-EGFP}5a.2.

No alerts have been found for w[1118]; P{w[+mC]=UAS-EGFP}5a.2.

Data and Source Information

Source: Integrated Animals

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 415 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Delaney M, et al. (2024) Actin Cytoskeleton and Integrin Components Are Interdependent for Slit Diaphragm Maintenance in Drosophila Nephrocytes. Cells, 13(16).

Poliacikova G, et al. (2024) The Hox protein Antennapedia orchestrates Drosophila adult flight muscle development. Science advances, 10(48), eadr2261.

Nagai H, et al. (2024) Highly regenerative species-specific genes improve age-associated features in the adult Drosophila midgut. BMC biology, 22(1), 157.

Green NM, et al. (2024) Nuclear actin is a critical regulator of Drosophila female germline stem cell maintenance. bioRxiv : the preprint server for biology.

Pilesi E, et al. (2024) Vitamin B6 deficiency cooperates with oncogenic Ras to induce malignant tumors in Drosophila. Cell death & disease, 15(6), 388.

Michael AH, et al. (2024) Muscle-fiber specific genetic manipulation of Drosophila sallimus severely impacts neuromuscular development, morphology, and physiology. Frontiers in physiology, 15, 1429317.

Zhang X, et al. (2024) Excess Dally-like Induces Malformation of Drosophila Legs. Cells, 13(14).

Bener MB, et al. (2024) Asymmetric stem cell division maintains the genetic heterogeneity of tissue cells. bioRxiv : the preprint server for biology.

Benchorin G, et al. (2024) Dan forms condensates in neuroblasts and regulates nuclear architecture and progenitor competence in vivo. Nature communications, 15(1), 5097.

Nakato E, et al. (2024) Differential heparan sulfate dependency of the Drosophila glypicans.

The Journal of biological chemistry, 300(1), 105544.

Lee D, et al. (2024) Diabetic sensory neuropathy and insulin resistance are induced by loss of UCHL1 in Drosophila. Nature communications, 15(1), 468.

Esteban-Collado J, et al. (2024) Reactive oxygen species activate the Drosophila TNF receptor Wengen for damage-induced regeneration. The EMBO journal, 43(17), 3604.

Park K, et al. (2024) Molecular and cellular organization of odorant binding protein genes in Drosophila. Heliyon, 10(9), e29358.

Nikonova E, et al. (2024) Bruno 1/CELF regulates splicing and cytoskeleton dynamics to ensure correct sarcomere assembly in Drosophila flight muscles. PLoS biology, 22(4), e3002575.

Sakizli U, et al. (2024) GALDAR: A genetically encoded galactose sensor for visualizing sugar metabolism in vivo. PLoS biology, 22(3), e3002549.

Toshniwal AG, et al. (2024) The fate of pyruvate dictates cell growth by modulating cellular redox potential. bioRxiv : the preprint server for biology.

Schleutker R, et al. (2024) Palmitoylation of proteolipid protein M6 promotes tricellular junction assembly in epithelia of Drosophila. Journal of cell science, 137(6).

Long DM, et al. (2024) The amyloid precursor protein intracellular domain induces sleep disruptions and its nuclear localization fluctuates in circadian pacemaker neurons in Drosophila and mice. Neurobiology of disease, 192, 106429.

Christensen CF, et al. (2024) Drosophila activins adapt gut size to food intake and promote regenerative growth. Nature communications, 15(1), 273.

Wodrich APK, et al. (2024) Changes in mitochondrial distribution occur at the axon initial segment in association with neurodegeneration in Drosophila. Biology open, 13(7).