Resource Summary Report

Generated by dkNET on Sep 22, 2026

y[1] w[*]; P{w[+mW.hs]=GawB}109-30/CyO

RRID:BDSC_7023
Type: Organism

Proper Citation

RRID:BDSC_7023

Organism Information

URL: https://n2t.net/bdsc:7023

Proper Citation: RRID:BDSC_7023

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mW.hs]=GawB}109-30/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Susan Younger, University of California, San Francisco

Affected Gene: GAL4, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 7023

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_7023, BDSC:7023, BL7023

Organism Name: y[1] w[*]; P{w[+mW.hs]=GawB}109-30/CyO

Record Creation Time: 20240911T222205+0000

Record Last Update: 20260919T202453+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mW.hs]=GawB}109-30/CyO.

No alerts have been found for y[1] w[*]; P{w[+mW.hs]=GawB}109-30/CyO.

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 .

Ansch??tz S, et al. (2026) Hh and EGFR-Ras signaling promote distinct steps of tumor progression in the Drosophila follicle epithelium. Nature communications, 17(1).

Schwabach S, et al. (2025) Tissue geometry and mechanochemical feedback initiate rotational migration in Drosophila. bioRxiv : the preprint server for biology.

Rust K, et al. (2025) Independent signaling pathways provide a fail-safe mechanism to prevent tumorigenesis. bioRxiv : the preprint server for biology.

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.

Galasso A, et al. (2023) Non-apoptotic caspase activation ensures the homeostasis of ovarian somatic stem cells. EMBO reports, 24(6), e51716.

Siddall NA, et al. (2022) MiMIC analysis reveals an isoform specific role for Drosophila Musashi in follicle stem cell maintenance and escort cell function. Cell death discovery, 8(1), 455.

Almeida-Oliveira F, et al. (2021) dHNF4 regulates lipid homeostasis and oogenesis in Drosophila melanogaster. Insect biochemistry and molecular biology, 133, 103569.

Tatapudy S, et al. (2021) Distinct roles of Bendless in regulating FSC niche competition and daughter cell differentiation. Development (Cambridge, England), 148(22).

Rust K, et al. (2020) A single-cell atlas and lineage analysis of the adult Drosophila ovary. Nature communications, 11(1), 5628.

Yoshinari Y, et al. (2020) Neuronal octopamine signaling regulates mating-induced germline stem cell increase in female Drosophila melanogaster. eLife, 9.

Benitez M, et al. (2019) Drosophila anion exchanger 2 is required for proper ovary development and oogenesis. Developmental biology, 452(2), 127.

Singh T, et al. (2018) Opposing Action of Hedgehog and Insulin Signaling Balances Proliferation and Autophagy to Determine Follicle Stem Cell Lifespan. Developmental cell, 46(6), 720.

Kim-Yip RP, et al. (2018) Wingless promotes EGFR signaling in follicle stem cells to maintain self-renewal. Development (Cambridge, England), 145(23).

Barth JM, et al. (2012) The lack of autophagy triggers precocious activation of Notch signaling during Drosophila oogenesis. BMC developmental biology, 12, 35.