

Resource Summary Report

Generated by [NIF](#) on Sep 9, 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: 20260905T135829+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 [NIF](#) .

Anschütz 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).

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

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

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.