

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

[w\[*\]; P{w\[+mC\]=UAS-GC3Ai}2; P{w\[+mC\]=Lpp-GAL4.B}3](#)

RRID:BDSC_84317

Type: Organism

Proper Citation

RRID:BDSC_84317

Organism Information

URL: <https://n2t.net/bdsc:84317>

Proper Citation: RRID:BDSC_84317

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-GC3Ai}2; P{w[+mC]=Lpp-GAL4.B}3 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating CyO and/or TM6B, Tb[1]. Donor: Norbert Perrimon, Harvard Medical School

Affected Gene: apolpp, GAL4, Avic\GFP, UAS_t, w

Genomic Alteration: Chromosome 1, Chromosome 2, Chromosome 3

Catalog Number: 84317

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_84317, BDSC:84317, BL84317

Organism Name: w[*]; P{w[+mC]=UAS-GC3Ai}2; P{w[+mC]=Lpp-GAL4.B}3

Record Creation Time: 20240911T223309+0000

Record Last Update: 20260905T141401+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-GC3Ai}2; P{w[+mC]=Lpp-GAL4.B}3.

No alerts have been found for w[*]; P{w[+mC]=UAS-GC3Ai}2; P{w[+mC]=Lpp-GAL4.B}3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Keith SA, et al. (2026) Strong GAL4 expression compromises Drosophila fat body function. Genetics, 232(1).

Bosveld F, et al. (2026) Tissue mechanics and systemic signaling safeguard epithelial tissue against spindle misorientation. Developmental cell, 61(4), 854.

Keith SA, et al. (2025) Strong GAL4 expression compromises Drosophila fat body function. bioRxiv : the preprint server for biology.

Darby AM, et al. (2025) Chronic bacterial infections exert metabolic costs in Drosophila melanogaster. The Journal of experimental biology, 228(1).

Ugrankar-Banerjee R, et al. (2023) The fat body cortical actin network regulates Drosophila inter-organ nutrient trafficking, signaling, and adipose cell size. eLife, 12.

Zhao X, et al. (2021) Glutamate metabolism directs energetic trade-offs to shape host-pathogen susceptibility in Drosophila. Cell metabolism, 33(12), 2428.

Zappia MP, et al. (2021) E2F/Dp inactivation in fat body cells triggers systemic metabolic changes. eLife, 10.