

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

[w\[*\]; P{w\[+mC\]=UAS-bmm.cGa}2](#)

RRID:BDSC_76600

Type: Organism

Proper Citation

RRID:BDSC_76600

Organism Information

URL: <https://n2t.net/bdsc:76600>

Proper Citation: RRID:BDSC_76600

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

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Ronald Kuehnlein, Max Planck Institute for Biophysical Chemistry

Affected Gene: bmm, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 76600

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_76600, BDSC:76600, BL76600

Organism Name: w[*]; P{w[+mC]=UAS-bmm.cGa}2

Record Creation Time: 20240911T223154+0000

Record Last Update: 20260912T204432+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Ren M, et al. (2026) Glycerol 3-phosphate acyltransferase exacerbates α -synuclein-induced toxicity by increasing lipid peroxidation. Nature communications, 17(1), 1618.

Wipf IJ, et al. (2026) ATGL-mediated lipid droplet lipolysis promotes collective migration in Drosophila. bioRxiv : the preprint server for biology.

Nahid MA, et al. (2026) Maternal lipids prime quiescent neural stem cells to reactivate in response to dietary nutrients. bioRxiv : the preprint server for biology.

Nath DK, et al. (2025) TRP α regulates lipid metabolism through Dh44 neuroendocrine cells. eLife, 13.

Chen X, et al. (2025) Phagocytosis-driven neurodegeneration through opposing roles of an ABC transporter in neurons and phagocytes. Science advances, 11(11), eadr5448.

Li X, et al. (2025) Diacylglycerol metabolism drives host-pathogen responses during enteric infection in Drosophila. bioRxiv : the preprint server for biology.

Mahanta A, et al. (2025) Macrophage metabolic reprogramming during dietary stress influences adult body size in Drosophila. EMBO reports, 26(22), 5397.

Byrns CN, et al. (2024) Senescent glia link mitochondrial dysfunction and lipid accumulation. Nature, 630(8016), 475.

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).

Grmai L, et al. (2024) Integrated stress response signaling acts as a metabolic sensor in fat tissues to regulate oocyte maturation and ovulation. Cell reports, 43(3), 113863.

Li Y, et al. (2023) Bioorthogonal Stimulated Raman Scattering Imaging Uncovers Lipid Metabolic Dynamics in Drosophila Brain During Aging. GEN biotechnology, 2(3), 247.

Muliyil S, et al. (2020) ADAM17-triggered TNF signalling protects the ageing Drosophila retina from lipid droplet-mediated degeneration. The EMBO journal, 39(17), e104415.

Van Den Brink DM, et al. (2018) Physiological and pathological roles of FATP-mediated lipid droplets in *Drosophila* and mice retina. *PLoS genetics*, 14(9), e1007627.