

Resource Summary Report

Generated by T1D on Sep 20, 2026

w[*]; P{w[+m*]=Ubi-GAL4.U}2/CyO

RRID:BDSC_32551

Type: Organism

Proper Citation

RRID:BDSC_32551

Organism Information

URL: <https://n2t.net/bdsc:32551>

Proper Citation: RRID:BDSC_32551

Description: Drosophila melanogaster with name w[*]; P{w[+m*]=Ubi-GAL4.U}2/CyO from BDSC.

Species: Drosophila melanogaster

Notes: Homozygous female sterile per Akihiko Yamamoto. Donor: Graeme Mardon, Baylor College of Medicine

Affected Gene: GAL4, Ubi-p5E, w

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 32551

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_32551, BDSC:32551, BL32551

Organism Name: w[*]; P{w[+m*]=Ubi-GAL4.U}2/CyO

Record Creation Time: 20240911T222534+0000

Record Last Update: 20260919T202955+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+m*]=Ubi-GAL4.U}2/CyO.

No alerts have been found for w[*]; P{w[+m*]=Ubi-GAL4.U}2/CyO.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 41 mentions in open access literature.

Listed below are recent publications. The full list is available at [T1D](#) .

Sakr R, et al. (2026) NimA promotes cell adhesion at the blood brain barrier of the Drosophila nervous system. EMBO reports, 27(7), 1648.

Rovenko BM, et al. (2025) Metabolic control of enteroendocrine cell fate through a redox state sensor CtBP. bioRxiv : the preprint server for biology.

Kincaid S, et al. (2025) Seminal Fluid Protein Acp29AB Shifts Egg-Laying Timing in Drosophila Without Detectable Effects on Female Fitness. Ecology and evolution, 15(12), e72677.

Ivanova EA, et al. (2025) Swiss Cheese Gene Is Important for Intestinal Barrier, Microbiome, and Lipid Metabolism Regulation in Drosophila Gut. International journal of molecular sciences, 26(22).

Yheskel M, et al. (2025) Local chromatin context informs transcriptional outcomes for the histone demethylase KDM5. Epigenetics & chromatin, 18(1), 78.

Monticelli S, et al. (2024) Early-wave macrophages control late hematopoiesis. Developmental cell, 59(10), 1284.

Yamamoto A, et al. (2024) The genetic basis of variation in Drosophila melanogaster mating behavior. iScience, 27(5), 109837.

Vang S, et al. (2024) O-GlcNAc transferase regulates collagen deposition and fibrosis resolution in idiopathic pulmonary fibrosis. Frontiers in immunology, 15, 1387197.

MacPherson RA, et al. (2023) Genetic and genomic analyses of Drosophila melanogaster models of chromatin modification disorders. Genetics, 224(4).

MacPherson RA, et al. (2023) Genetic and Genomic Analyses of Drosophila melanogaster Models of Chromatin Modification Disorders. bioRxiv : the preprint server for biology.

Kietz C, et al. (2022) Drice restrains Diap2-mediated inflammatory signalling and intestinal inflammation. Cell death and differentiation, 29(1), 28.

Deng Z, et al. (2022) An Integrated Transcriptomics and Lipidomics Analysis Reveals That Ergosterol Is Required for Host Defense Against Bacterial Infection in *Drosophila*. *Frontiers in immunology*, 13, 933137.

Cao H, et al. (2022) Autism-like behaviors regulated by the serotonin receptor 5-HT2B in the dorsal fan-shaped body neurons of *Drosophila melanogaster*. *European journal of medical research*, 27(1), 203.

Chaudhry N, et al. (2022) Lamp1 mediates lipid transport, but is dispensable for autophagy in *Drosophila*. *Autophagy*, 18(10), 2443.

Jullien D, et al. (2022) Inducible degradation of the *Drosophila* Mediator subunit Med19 reveals its role in regulating developmental but not constitutively-expressed genes. *PLoS one*, 17(11), e0275613.

Aranjuez GF, et al. (2022) The *Chlamydia trachomatis* Early Effector Tarp Outcompetes Fascin in Forming F-Actin Bundles In Vivo. *Frontiers in cellular and infection microbiology*, 12, 811407.

Rigal J, et al. (2022) Artificially stimulating retrotransposon activity increases mortality and accelerates a subset of aging phenotypes in *Drosophila*. *eLife*, 11.

Ho KYL, et al. (2021) A gap-junction-mediated, calcium-signaling network controls blood progenitor fate decisions in hematopoiesis. *Current biology : CB*, 31(21), 4697.

Li Y, et al. (2021) *Drosophila* Solute Carrier 5A5 Regulates Systemic Glucose Homeostasis by Mediating Glucose Absorption in the Midgut. *International journal of molecular sciences*, 22(22).

Larouche M, et al. (2021) Spatiotemporal coordination of Greatwall-Endos-PP2A promotes mitotic progression. *The Journal of cell biology*, 220(6).