

Resource Summary Report

Generated by [NIF](#) on Aug 3, 2026

[P{w\[+mC\]=Ugt36A1-GAL4.K}43A, y\[1\] w\[*\]](#)

RRID:BDSC_6903

Type: Organism

Proper Citation

RRID:BDSC_6903

Organism Information

URL: <https://n2t.net/bdsc:6903>

Proper Citation: RRID:BDSC_6903

Description: Drosophila melanogaster with name P{w[+mC]=Ugt36A1-GAL4.K}43A, y[1] w[*] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Deborah Kimbrell, University of California, Davis

Affected Gene: GAL4, Ugt36A1, w, y

Genomic Alteration: Chromosome 1

Catalog Number: 6903

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_6903, BL6903

Organism Name: P{w[+mC]=Ugt36A1-GAL4.K}43A, y[1] w[*]

Record Creation Time: 20240911T222204+0000

Record Last Update: 20260801T194630+0000

Ratings and Alerts

No rating or validation information has been found for P{w[+mC]=Ugt36A1-GAL4.K}43A, y[1] w[*].

No alerts have been found for P{w[+mC]=Ugt36A1-GAL4.K}43A, y[1] w[*].

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Zhu JY, et al. (2025) HIV-1 Nef synergizes with APOL1-G1 to induce nephrocyte cell death in HIV-related kidney diseases. *Disease models & mechanisms*, 18(7).

Moser D, et al. (2025) The slit diaphragm in Drosophila exhibits a bilayered, fishnet architecture. *Nature communications*, 16(1), 8741.

Dondi C, et al. (2024) The nutrient sensor CRTG and Sarcalumenin/thinman represent an alternate pathway in cardiac hypertrophy. *Cell reports*, 43(8), 114549.

Brantley SE, et al. (2024) Host JAK-STAT activity is a target of parasitoid wasp virulence strategies. *PLoS pathogens*, 20(7), e1012349.

Zhu JY, et al. (2024) Promoting mitochondrial dynamics by inhibiting the PINK1-PRKN pathway to relieve diabetic nephropathy. *Disease models & mechanisms*, 17(4).

Zhu JY, et al. (2024) Dysfunction of Mitochondrial Dynamics Induces Endocytosis Defect and Cell Damage in Drosophila Nephrocytes. *Cells*, 13(15).

Vieira Contreras F, et al. (2024) The adhesion G-protein-coupled receptor mayo/CG11318 controls midgut development in Drosophila. *Cell reports*, 43(1), 113640.

Zhu JY, et al. (2023) APOL1-G2 accelerates nephrocyte cell death by inhibiting the autophagy pathway. *Disease models & mechanisms*, 16(12).

Mathes N, et al. (2023) Nitrogen-vacancy center magnetic imaging of Fe₃O₄ nanoparticles inside the gastrointestinal tract of Drosophila melanogaster. *Nanoscale advances*, 6(1), 247.

Milosavljevic J, et al. (2022) Nephrotic Syndrome Gene TBC1D8B Is Required for Endosomal Maturation and Nephrin Endocytosis in Drosophila. *Journal of the American Society of Nephrology : JASN*, 33(12), 2174.

Spitz D, et al. (2022) mTOR-Dependent Autophagy Regulates Slit Diaphragm Density in Podocyte-like Drosophila Nephrocytes. *Cells*, 11(13).

Lang K, et al. (2022) Selective endocytosis controls slit diaphragm maintenance and dynamics in Drosophila nephrocytes. *eLife*, 11.

Cattenoz PB, et al. (2020) Temporal specificity and heterogeneity of Drosophila immune cells. *The EMBO journal*, 39(12), e104486.

He L, et al. (2019) In vivo study of gene expression with an enhanced dual-color fluorescent transcriptional timer. *eLife*, 8.

Teumer A, et al. (2019) Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. *Nature communications*, 10(1), 4130.

Kampf LL, et al. (2019) TBC1D8B Mutations Implicate RAB11-Dependent Vesicular Trafficking in the Pathogenesis of Nephrotic Syndrome. *Journal of the American Society of Nephrology : JASN*, 30(12), 2338.

Mazia D, et al. (1975) Adhesion of cells to surfaces coated with polylysine. Applications to electron microscopy. *The Journal of cell biology*, 66(1), 198.