

Resource Summary Report

Generated by [NIF](#) on Aug 19, 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: 20260815T191255+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 18 mentions in open access literature.

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

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

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).

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

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

Leroy C, et al. (2024) Linking Basement Membrane and Slit Diaphragm in Drosophila Nephrocytes. Journal of the American Society of Nephrology : JASN, 35(9), 1208.

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. (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.