Resource Summary Report

Generated by T1D on Sep 17, 2026

y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7}vig2[18]

RRID:BDSC_23270
Type: Organism

Proper Citation

RRID:BDSC_23270

Organism Information

URL: https://n2t.net/bdsc:23270

Proper Citation: RRID:BDSC_23270

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7}vig2[18] from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine

Affected Gene: Rab7, UAS, vig2, w, y

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 23270

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_23270, BDSC:23270, BL23270

Organism Name: y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7}vig2[18]

Record Creation Time: 20240911T222407+0000

Record Last Update: 20260912T203414+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7}vig2[18].

No alerts have been found for y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7}vig2[18].

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 T1D .

Zhao Y, et al. (2025) Piezo, Nephrocyte Function, and Slit Diaphragm Maintenance in Drosophila. Journal of the American Society of Nephrology : JASN, 36(3), 393.

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).

Zhang P, et al. (2024) Inhibition of S6K lowers age-related inflammation and increases lifespan through the endolysosomal system. Nature aging, 4(4), 491.

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

Miao G, et al. (2022) Border cell polarity and collective migration require the spliceosome component Cactin. The Journal of cell biology, 221(7).

Wen P, et al. (2020) Exocyst Genes Are Essential for Recycling Membrane Proteins and Maintaining Slit Diaphragm in Drosophila Nephrocytes. Journal of the American Society of Nephrology : JASN, 31(5), 1024.

Wong CO, et al. (2017) Lysosomal Degradation Is Required for Sustained Phagocytosis of Bacteria by Macrophages. Cell host & microbe, 21(6), 719.