

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

[w\[*\]; P{w\[+mC\]=UAS-Rab5.S43N}3](#)

RRID:BDSC_42704

Type: Organism

Proper Citation

RRID:BDSC_42704

Organism Information

URL: <https://n2t.net/bdsc:42704>

Proper Citation: RRID:BDSC_42704

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-Rab5.S43N}3 from BDSC.

Species: Drosophila melanogaster

Notes: May be segregating TM3, Sb[1]. Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Marcos Gonzalez-Gaitan, University of Geneva

Affected Gene: Rab5, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 42704

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_42704, BDSC:42704, BL42704

Organism Name: w[*]; P{w[+mC]=UAS-Rab5.S43N}3

Record Creation Time: 20240911T222706+0000

Record Last Update: 20260905T140534+0000

Ratings and Alerts

No rating or validation information has been found for w[*]; P{w[+mC]=UAS-Rab5.S43N}3.

No alerts have been found for w[*]; P{w[+mC]=UAS-Rab5.S43N}3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Montemurro M, et al. (2025) The mechanical state of pre-tumoral epithelia controls subsequent Drosophila tumor aggressiveness. *Developmental cell*, 60(7), 1036.

Rasouliha SH, et al. (2025) Shaping and interpretation of Dpp morphogen gradient by endocytic trafficking. *PLoS genetics*, 21(7), e1011766.

Dong KX, et al. (2025) Endosome-associated Rab GTPases control distinct aspects of neural circuit assembly. *bioRxiv : the preprint server for biology*.

Gorfinkiel N, et al. (2025) A role for Myosin in triggering and executing amnioserosa cell delaminations during dorsal closure. *Scientific reports*, 15(1), 32160.

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

Ramroop JR, et al. (2021) A parasitoid wasp of Drosophila employs preemptive and reactive strategies to deplete its host's blood cells. *PLoS pathogens*, 17(5), e1009615.

Shen W, et al. (2020) Different modes of Notch activation and strength regulation in the spermathecal secretory lineage. *Development (Cambridge, England)*, 147(3).

Peterson NG, et al. (2020) Cytoplasmic sharing through apical membrane remodeling. *eLife*, 9.

Xu C, et al. (2019) The Septate Junction Protein Tsp2A Restricts Intestinal Stem Cell Activity via Endocytic Regulation of aPKC and Hippo Signaling. *Cell reports*, 26(3), 670.

Li B, et al. (2018) The retromer complex safeguards against neural progenitor-derived tumorigenesis by regulating Notch receptor trafficking. *eLife*, 7.