

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

[w\[*\]; P{w\[+mC\]=UAS-Rab7.GFP}3](#)

RRID:BDSC_42706

Type: Organism

Proper Citation

RRID:BDSC_42706

Organism Information

URL: <https://n2t.net/bdsc:42706>

Proper Citation: RRID:BDSC_42706

Description: Drosophila melanogaster with name w[*]; P{w[+mC]=UAS-Rab7.GFP}3 from BDSC.

Species: Drosophila melanogaster

Notes: Donor: Hugo J. Bellen, Baylor College of Medicine; Donor's Source: Marcos Gonzalez-Gaitan, University of Geneve

Affected Gene: Rab7, UAS, w

Genomic Alteration: Chromosome 1, Chromosome 3

Catalog Number: 42706

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_42706, BDSC:42706, BL42706

Organism Name: w[*]; P{w[+mC]=UAS-Rab7.GFP}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-Rab7.GFP}3.

No alerts have been found for w[*]; P{w[+mC]=UAS-Rab7.GFP}3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Thakur RS, et al. (2025) PDZD8 promotes autophagy at ER-lysosome membrane contact sites to regulate activity-dependent synaptic growth. *Cell reports*, 44(4), 115483.

Karling T, et al. (2025) Immune cells adapt to confined environments in vivo to optimise nuclear plasticity for migration. *EMBO reports*, 26(5), 1238.

Tang K, et al. (2025) Mac-/Lactosylceramide regulates intestinal homeostasis and secretory cell fate commitment by facilitating Notch signaling. *eLife*, 14.

Guo X, et al. (2025) Aging-related peroxisomal dysregulation disrupts intestinal stem cell differentiation through alterations of very long-chain fatty acid oxidation. *PLoS biology*, 23(12), e3003552.

Sharma V, et al. (2024) E3 ubiquitin ligase Deltex facilitates the expansion of Wingless gradient and antagonizes Wingless signaling through a conserved mechanism of transcriptional effector Armadillo/??-catenin degradation. *eLife*, 12.

Tsarouhas V, et al. (2023) A surfactant lipid layer of endosomal membranes facilitates airway gas filling in *Drosophila*. *Current biology : CB*, 33(23), 5132.

Thakur RS, et al. (2023) PDZD8 promotes autophagy at ER-Lysosome contact sites to regulate synaptogenesis. *bioRxiv : the preprint server for biology*.

Zhou L, et al. (2023) Convergence of secretory, endosomal, and autophagic routes in trans-Golgi-associated lysosomes. *The Journal of cell biology*, 222(1).

Asadzadeh J, et al. (2022) Retromer deficiency in Tauopathy models enhances the truncation and toxicity of Tau. *Nature communications*, 13(1), 5049.

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.

Cunningham KM, et al. (2020) TFEB/Mitf links impaired nuclear import to autophagolysosomal dysfunction in C9-ALS. *eLife*, 9.

Sun T, et al. (2019) Spectraplakins Shot Maintains Perinuclear Microtubule Organization in *Drosophila* Polyploid Cells. *Developmental cell*, 49(5), 731.

Lund VK, et al. (2018) *Drosophila* Rab2 controls endosome-lysosome fusion and LAMP delivery to late endosomes. *Autophagy*, 14(9), 1520.

Liao EH, et al. (2018) Kinesin Khc-73/KIF13B modulates retrograde BMP signaling by influencing endosomal dynamics at the *Drosophila* neuromuscular junction. *PLoS genetics*, 14(1), e1007184.