

Resource Summary Report

Generated by [NIF](#) on Sep 13, 2026

[y\[1\] w\[*\]; P{w\[+mC\]=UASp-YFP.Rab4.S22N}37](#)

RRID:BDSC_9768

Type: Organism

Proper Citation

RRID:BDSC_9768

Organism Information

URL: <https://n2t.net/bdsc:9768>

Proper Citation: RRID:BDSC_9768

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UASp-YFP.Rab4.S22N}37 from BDSC.

Species: Drosophila melanogaster

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

Affected Gene: Rab4, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 9768

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_9768, BDSC:9768, BL9768

Organism Name: y[1] w[*]; P{w[+mC]=UASp-YFP.Rab4.S22N}37

Record Creation Time: 20240911T222227+0000

Record Last Update: 20260912T203202+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=UASp-YFP.Rab4.S22N}37.

No alerts have been found for y[1] w[*]; P{w[+mC]=UASp-YFP.Rab4.S22N}37.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

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

Yu Y, et al. (2024) Endolysosomal trafficking controls yolk granule biogenesis in vitellogenic Drosophila oocytes. PLoS genetics, 20(2), e1011152.

Lambert E, et al. (2022) The Alzheimer susceptibility gene BIN1 induces isoform-dependent neurotoxicity through early endosome defects. Acta neuropathologica communications, 10(1), 4.

Walsh RB, et al. (2021) Opposing functions for retromer and Rab11 in extracellular vesicle traffic at presynaptic terminals. The Journal of cell biology, 220(8).

Wang M, et al. (2021) Intracellular trafficking of Notch orchestrates temporal dynamics of Notch activity in the fly brain. Nature communications, 12(1), 2083.

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