

Resource Summary Report

Generated by PRECISE-TBI on Sep 16, 2026

[y\[1\] w\[*\]; P{w\[+mC\]=UASp-YFP.Rab7}21/SM5](#)

RRID:BDSC_23641

Type: Organism

Proper Citation

RRID:BDSC_23641

Organism Information

URL: <https://n2t.net/bdsc:23641>

Proper Citation: RRID:BDSC_23641

Description: Drosophila melanogaster with name y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7}21/SM5 from BDSC.

Species: Drosophila melanogaster

Notes: Homozygotes may be present. Donor: Hugo J. Bellen, Baylor College of Medicine

Affected Gene: Rab7, UAS, w, y

Genomic Alteration: Chromosome 1, Chromosome 2

Catalog Number: 23641

Database: Bloomington Drosophila Stock Center (BDSC)

Database Abbreviation: BDSC

Availability: available

Alternate IDs: BDSC_23641, BDSC:23641, BL23641

Organism Name: y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7}21/SM5

Record Creation Time: 20240911T222410+0000

Record Last Update: 20260912T203418+0000

Ratings and Alerts

No rating or validation information has been found for y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7}21/SM5.

No alerts have been found for y[1] w[*]; P{w[+mC]=UASp-YFP.Rab7}21/SM5.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: Bloomington Drosophila Stock Center (BDSC)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Davis GH, et al. (2024) Impairment of the Glial Phagolysosomal System Drives Prion-Like Propagation in a Drosophila Model of Huntington's Disease. The Journal of neuroscience : the official journal of the Society for Neuroscience, 44(20).

Davis GH, et al. (2024) Impairment of the glial phagolysosomal system drives prion-like propagation in a Drosophila model of Huntington's disease. 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.

Szypulski K, et al. (2024) Autophagy as a new player in the regulation of clock neurons physiology of Drosophila melanogaster. Scientific reports, 14(1), 6085.

Chen W, et al. (2022) Actomyosin activity-dependent apical targeting of Rab11 vesicles reinforces apical constriction. The Journal of cell biology, 221(6).

Sechi S, et al. (2021) Identification of GOLPH3 Partners in Drosophila Unveils Potential Novel Roles in Tumorigenesis and Neural Disorders. Cells, 10(9).

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

Guan Z, et al. (2020) Drosophila Synaptotagmin 7 negatively regulates synaptic vesicle release and replenishment in a dosage-dependent manner. eLife, 9.

Ma P, et al. (2018) Atg1-mediated autophagy suppresses tissue degeneration in pink1/parkin mutants by promoting mitochondrial fission in Drosophila. Molecular biology of the cell, 29(26), 3082.