

# Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

## w[1118]; TI{TI}Rab5[EYFP]/CyO

RRID:BDSC\_62543

Type: Organism

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### Proper Citation

RRID:BDSC\_62543

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### Organism Information

**URL:** <https://n2t.net/bdsc:62543>

**Proper Citation:** RRID:BDSC\_62543

**Description:** Drosophila melanogaster with name w[1118]; TI{TI}Rab5[EYFP]/CyO from BDSC.

**Species:** Drosophila melanogaster

**Notes:** Donor: Suzanne Eaton & Marko Brankatschk, Max Planck Institute of Molecular Cell Biology and Genetics

**Affected Gene:** Rab5, w

**Genomic Alteration:** Chromosome 1, Chromosome 2

**Catalog Number:** 62543

**Database:** Bloomington Drosophila Stock Center (BDSC)

**Database Abbreviation:** BDSC

**Availability:** available

**Alternate IDs:** BDSC\_62543, BL62543

**Organism Name:** w[1118]; TI{TI}Rab5[EYFP]/CyO

**Record Creation Time:** 20240911T222942+0000

**Record Last Update:** 20260725T195751+0000

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### Ratings and Alerts

No rating or validation information has been found for w[1118]; TI{TI}Rab5[EYFP]/CyO.

No alerts have been found for w[1118]; TI{TI}Rab5[EYFP]/CyO.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** Bloomington Drosophila Stock Center (BDSC)

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## Usage and Citation Metrics

We found 13 mentions in open access literature.

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

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

Katz MJ, et al. (2025) Autophagy controls differentiation of Drosophila blood cells by regulating Notch levels in response to nutrient availability. Nature communications, 16(1), 5858.

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.

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

Zhou X, et al. (2023) GTPase-activating protein TBC1D5 coordinates with retromer to constrain synaptic growth by inhibiting BMP signaling. Journal of genetics and genomics = Yi chuan xue bao, 50(3), 163.

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

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

Meyer C, et al. (2022) Formation and function of a highly specialised type of organelle in cardiac valve cells. Development (Cambridge, England), 149(19).

Lattao R, et al. (2021) Mauve/LYST limits fusion of lysosome-related organelles and promotes centrosomal recruitment of microtubule nucleating proteins. Developmental cell,

56(7), 1000.

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

Misra JR, et al. (2019) Early girl is a novel component of the Fat signaling pathway. *PLoS genetics*, 15(1), e1007955.

Jha A, et al. (2018) Quantitative Control of GPCR Organization and Signaling by Endocytosis in Epithelial Morphogenesis. *Current biology : CB*, 28(10), 1570.