

Resource Summary Report

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VC308

RRID:WB-STRAIN:WBStrain00035667

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00035667

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00035667>

Proper Citation: RRID:WB-STRAIN:WBStrain00035667

Description: Caenorhabditis elegans with name rab-7(ok511)/mIn1 [mIs14 dpy-10(e128)] II. from WB.

Species: Caenorhabditis elegans

Synonyms: rab-7(ok511)/mIn1 [mIs14 dpy-10(e128)] II.

Notes: Made_by: Anna Rankin|Mutagen:UV/TMP|"This strain was provided by the C. elegans Reverse Genetics Core Facility at the University of British Columbia, which is part of the international C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."|W03C9.3. Heterozygotes are WT with semi-dominant GFP expression in pharynx. Segregates WT GFP, Dpy GFP mIn1 homozygotes and non-GFP ok511 homozygotes (Dpy animals that lay dead eggs). Pick WT and check for correct segregation of progeny to maintain."

Affected Gene: WBGene00001072(dpy-10)|WBGene00004271(rab-7)

Genomic Alteration: WBGene00001072(dpy-10), WBGene00004271(rab-7)

Catalog Number: WB-STRAIN:WBStrain00035667

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC308, CGC_VC308

Organism Name: VC308

Record Creation Time: 20230227T013648+0000

Record Last Update: 20260905T115332+0000

Ratings and Alerts

No rating or validation information has been found for VC308.

No alerts have been found for VC308.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Kalugotla G, et al. (2025) ATG-3 limits Orsay virus infection in *C. elegans* through regulation of collagen pathways. *bioRxiv* : the preprint server for biology.

Zhang N, et al. (2023) The biosynthetic-secretory pathway, supplemented by recycling routes, determines epithelial membrane polarity. *Science advances*, 9(26), eade4620.

Peña-Ramos O, et al. (2022) Autophagosomes fuse to phagosomes and facilitate the degradation of apoptotic cells in *Caenorhabditis elegans*. *eLife*, 11.

Brandt JN, et al. (2022) Asymmetric organelle positioning during epithelial polarization of *C. elegans* intestinal cells. *Developmental biology*, 481, 75.

Imae R, et al. (2016) Endomembrane-associated RSD-3 is important for RNAi induced by extracellular silencing RNA in both somatic and germ cells of *Caenorhabditis elegans*. *Scientific reports*, 6, 28198.

Delahaye JL, et al. (2014) *Caenorhabditis elegans* HOPS and CCZ-1 mediate trafficking to lysosome-related organelles independently of RAB-7 and SAND-1. *Molecular biology of the cell*, 25(7), 1073.

Yu X, et al. (2008) Phagocytic receptor CED-1 initiates a signaling pathway for degrading engulfed apoptotic cells. *PLoS biology*, 6(3), e61.