

Resource Summary Report

Generated by [NIF](#) on Aug 15, 2026

RT258

RRID:WB-STRAIN:WBStrain00033470

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00033470

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00033470>

Proper Citation: RRID:WB-STRAIN:WBStrain00033470

Description: Caenorhabditis elegans with name unc-119(ed3) III; pwls50. from WB.

Species: Caenorhabditis elegans

Synonyms: unc-119(ed3) III; pwls50.

Notes: pwls50 [Imp-1::GFP + Cbr-unc-119(+)].|"Supplementary_genotype unc-119(ed3) III;pwls50[Imp-1::GFP + Cbr-unc-119(+)]"

Affected Gene: WBGene00006843(unc-119)

Genomic Alteration: WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00033470

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32918875](#), [PMID:37957360](#), [PMID:39264947](#), [PMID:39299237](#), [PMID:39418305](#)

Alternate IDs: WB-STRAIN:RT258, CGC_RT258

Organism Name: RT258

Record Creation Time: 20230227T013631+0000

Record Last Update: 20260815T163217+0000

Ratings and Alerts

No rating or validation information has been found for RT258.

No alerts have been found for RT258.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Wang AL, et al. (2024) The progranulin cleavage product granulin 3 exerts a dominant negative effect on animal fitness. Human molecular genetics, 33(3), 245.

Taylor SKB, et al. (2024) The neurotrophic factor MANF regulates autophagy and lysosome function to promote proteostasis in Caenorhabditis elegans. Proceedings of the National Academy of Sciences of the United States of America, 121(43), e2403906121.

Oorloff M, et al. (2024) Growth on stiffer substrates impacts animal health and longevity in C. elegans. PloS one, 19(9), e0302673.

Yoshida K, et al. (2023) Distinct pathways for export of silencing RNA in Caenorhabditis elegans systemic RNAi. iScience, 26(10), 108067.

Chamoli M, et al. (2023) A drug-like molecule engages nuclear hormone receptor DAF-12/FXR to regulate mitophagy and extend lifespan. Nature aging, 3(12), 1529.

Dejima K, et al. (2023) An endomembrane zinc transporter negatively regulates systemic RNAi in Caenorhabditis elegans. iScience, 26(6), 106930.