

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

WM118

RRID:WB-STRAIN:WBStrain00040438

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040438

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040438>

Proper Citation: RRID:WB-STRAIN:WBStrain00040438

Description: Caenorhabditis elegans with name rde-1(ne300) V; nels9 X. from WB.

Species: Caenorhabditis elegans

Synonyms: rde-1(ne300) V; nels9 X.

Notes: Made_by: Yigit/Mello|"nels9 [myo-3::HA::rde-1 + rol-6(su1006)] X. Transgene rescues muscle RNAi defect. Rollers."|"Supplementary_genotype rde-1(ne300) V; nels9 [myo-3::HA::RDE-1 + rol-6(su1006)] X"|"WBStrain mapped, WBPaper00061409 added based on AFP_Strain data."|"WBStrain mapped, WBPaper00061527 added based on AFP_Strain data."|"WBStrain provided so WBPaper00060343 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060797 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00061750 paper added based on AFP_Strain data."

Affected Gene: WBGene00004323(rde-1)

Genomic Alteration: WBGene00004323(rde-1)

Catalog Number: WB-STRAIN:WBStrain00040438

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32943454](#), [PMID:34321666](#), [PMID:37118550](#), [PMID:37651423](#), [PMID:38740431](#), [PMID:39284915](#), [PMID:39504959](#)

Alternate IDs: WB-STRAIN:WM118, CGC_WM118

Organism Name: WM118

Record Creation Time: 20230227T013724+0000

Record Last Update: 20260815T163419+0000

Ratings and Alerts

No rating or validation information has been found for WM118.

No alerts have been found for WM118.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Bresilla D, et al. (2025) Enhancing Late-Life Survival and Mobility via Mitohormesis by Reducing Mitochondrial Calcium Levels. *Aging cell*, 24(11), e70247.

Snow S, et al. (2024) Neuronal CBP-1 is Required for Enhanced Body Muscle Proteostasis in Response to Reduced Translation Downstream of mTOR. *Frontiers in bioscience (Landmark edition)*, 29(7), 264.

Muhammad T, et al. (2024) Non-cell-autonomous regulation of germline proteostasis by insulin/IGF-1 signaling-induced dietary peptide uptake via PEPT-1. *The EMBO journal*, 43(21), 4892.

Yin X, et al. (2024) Cysteine protease cathepsin B promotes lysosome integrity to extend the lifespan of alternative day fasting worms. *Aging cell*, 23(11), e14286.

Liu J, et al. (2023) GABAergic signaling between enteric neurons and intestinal smooth muscle promotes innate immunity and gut defense in *Caenorhabditis elegans*. *Immunity*, 56(7), 1515.

Zhang X, et al. (2023) A gonadal gap junction INX-14/Notch GLP-1 signaling axis suppresses gut defense through an intestinal lysosome pathway. *Frontiers in immunology*, 14, 1249436.

Dang H, et al. (2023) On the benefits of the tryptophan metabolite 3-hydroxyanthranilic acid in *Caenorhabditis elegans* and mouse aging. *Nature communications*, 14(1), 8338.

Johnson LC, et al. (2023) NHR-23 activity is necessary for *C. elegans* developmental progression and apical extracellular matrix structure and function. *Development* (Cambridge, England), 150(10).

Lan J, et al. (2019) Translational Regulation of Non-autonomous Mitochondrial Stress Response Promotes Longevity. *Cell reports*, 28(4), 1050.