

Resource Summary Report

Generated by [NIF](#) on Aug 12, 2026

NR222

RRID:WB-STRAIN:WBStrain00029103

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00029103

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00029103>

Proper Citation: RRID:WB-STRAIN:WBStrain00029103

Description: Caenorhabditis elegans with name rde-1(ne219) V; kzls9. from WB.

Species: Caenorhabditis elegans

Synonyms: rde-1(ne219) V; kzls9.

Notes: Generated from papers flagged positive during the last month for data type afp_strain/other_strain.|"kzls9 [(pKK1260) lin-26p::NLS::GFP + (pKK1253) lin-26p::rde-1 + rol-6(su1006)]. Rollers. Hypodermis specific RNAi."|"WBStrain mapped, WBPaper00061131 added based on AFP_Strain data."|"WBStrain provided so WBPaper00060487 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."|"WBStrain provided so WBPaper00061894 paper added based on AFP_Strain data."

Affected Gene: WBGene00003012(lin-26)|WBGene00004323(rde-1)

Genomic Alteration: WBGene00003012(lin-26), WBGene00004323(rde-1)

Catalog Number: WB-STRAIN:WBStrain00029103

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:33033182](#), [PMID:33319173](#), [PMID:33673074](#), [PMID:34321666](#), [PMID:34496255](#), [PMID:37577954](#), [PMID:37722055](#), [PMID:38740431](#), [PMID:39284915](#)

Alternate IDs: WB-STRAIN:NR222, CGC_NR222

Organism Name: NR222

Record Creation Time: 20230227T013558+0000

Record Last Update: 20260808T171339+0000

Ratings and Alerts

No rating or validation information has been found for NR222.

No alerts have been found for NR222.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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.

Rautela U, et al. (2024) A non-canonical role of somatic Cyclin D/CYD-1 in oogenesis and in maintenance of reproductive fidelity, dependent on the FOXO/DAF-16 activation state. *PLoS genetics*, 20(11), e1011453.

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.

Goswamy D, et al. (2023) *C. elegans* orphan nuclear receptor NHR-42 represses innate immunity and promotes lipid loss downstream of HLH-30/TFEB. *Frontiers in immunology*, 14, 1094145.