

Resource Summary Report

Generated by [dkNET](#) on Sep 15, 2026

WM27

RRID:WB-STRAIN:WBStrain00040414

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040414

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040414>

Proper Citation: RRID:WB-STRAIN:WBStrain00040414

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

Species: Caenorhabditis elegans

Synonyms: rde-1(ne219) V.

Notes: Generated from papers flagged positive during the last month for data type afp_strain/other_strain.|"Made_by: Tabara and Mello"|"Mutagen:Ems"|"RNAi deficient."|"WBStrain provided so WBPaper00060343 paper added based on AFP_Strain data."

Affected Gene: WBGene00004323(rde-1)

Genomic Alteration: WBGene00004323(rde-1)

Catalog Number: WB-STRAIN:WBStrain00040414

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:10535731](#), [PMID:31300558](#), [PMID:32943454](#), [PMID:33319173](#), [PMID:38232128](#), [PMID:38980902](#)

Alternate IDs: WB-STRAIN:WM27, CGC_WM27

Organism Name: WM27

Record Creation Time: 20230227T013724+0000

Record Last Update: 20260912T181825+0000

Ratings and Alerts

No rating or validation information has been found for WM27.

No alerts have been found for WM27.

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 [dkNET](#) .

Waddell BM, et al. (2025) Mutant alleles of the *Caenorhabditis elegans* rde-1 gene identified through chemical mutagenesis of an snRNA misprocessing reporter. *G3* (Bethesda, Md.), 15(7).

Zuurbier KR, et al. (2024) Cytosolic dopamine determines hypersensitivity to blunt force trauma. *iScience*, 27(6), 110094.

Chen X, et al. (2024) Germ granule compartments coordinate specialized small RNA production. *Nature communications*, 15(1), 5799.

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.

Cubillas C, et al. (2023) The *alg-1* Gene Is Necessary for Orsay Virus Replication in *Caenorhabditis elegans*. *Journal of virology*, 97(4), e0006523.