Resource Summary Report

Generated by NIF on Jul 31, 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: 20260725T172503+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 4 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

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.