

# Resource Summary Report

Generated by [NIF](#) on Sep 4, 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:** 20260829T162418+0000

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## Ratings and Alerts

No rating or validation information has been found for WM27.

No alerts have been found for WM27.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We found 5 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.

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