

Resource Summary Report

Generated by PRECISE-TBI on Aug 11, 2026

AV112

RRID:WB-STRAIN:WBStrain00000278

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00000278>

Proper Citation: RRID:WB-STRAIN:WBStrain00000278

Description: Caenorhabditis elegans with name mre-11(ok179) IV/nT1 [unc-?(n754) let-?] (IV;V). from WB.

Species: Caenorhabditis elegans

Synonyms: mre-11(ok179) IV/nT1 [unc-?(n754) let-?] (IV;V).

Notes: Heterozygotes are Unc and segregate Uncs (heterozygotes), non-Unc mre-11 homozygotes, and dead eggs (nT1 homozygotes). mre-11 homozygotes produce about 200 fertilized eggs but only about 2-3% of these eggs survive to adulthood (this mutation cannot be maintained in a homozygous condition). Occasionally non-Unc progeny that do not demonstrate the mre-11(ok179) mutant phenotype arise when grown in large liquid cultures. mre-11 is the predicted gene ZC302.1|"Made_by: Deletion Consortium"

Affected Gene: WBGene00003405(mre-11)

Genomic Alteration: WBGene00003405(mre-11)

Catalog Number: WB-STRAIN:WBStrain00000278

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:AV112, CGC_AV112

Organism Name: AV112

Record Creation Time: 20230227T013220+0000

Record Last Update: 20260808T170707+0000

Ratings and Alerts

No rating or validation information has been found for AV112.

No alerts have been found for AV112.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Sonowal R, et al. (2023) A microbiota and dietary metabolite integrates DNA repair and cell death to regulate embryo viability and aneuploidy during aging. Science advances, 9(8), eade8653.

Beurton F, et al. (2019) Physical and functional interaction between SET1/COMPASS complex component CFP-1 and a Sin3S HDAC complex in C. elegans. Nucleic acids research, 47(21), 11164.

Reichman R, et al. (2018) Mitotic and Meiotic Functions for the SUMOylation Pathway in the Caenorhabditis elegans Germline. Genetics, 208(4), 1421.