

# Resource Summary Report

Generated by [dkNET](#) on Sep 17, 2026

## WM53

RRID:WB-STRAIN:WBStrain00040422

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00040422

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00040422>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00040422

**Description:** Caenorhabditis elegans with name alg-2(ok304) II from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** alg-2(ok304) II

**Notes:** Made\_by: Barstead|"T07D3.7. Homozygous viable, contains an out of frame deletion removing nucleotides encoding amino acids 34-374. This strain cannot be distributed to for-profit companies. Do not distribute this strain; other labs should request it from the CGC. URL: URL: [www.celeganskoconsortium.omrf.org](http://www.celeganskoconsortium.omrf.org)."

**Affected Gene:** WBGene00000106(alg-2)

**Genomic Alteration:** WBGene00000106(alg-2)

**Catalog Number:** WB-STRAIN:WBStrain00040422

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** [PMID:38471816](#), [PMID:38477356](#), [PMID:38573858](#)

**Alternate IDs:** WB-STRAIN:WM53, CGC\_WM53

**Organism Name:** WM53

**Record Creation Time:** 20230227T013724+0000

## Ratings and Alerts

No rating or validation information has been found for WM53.

No alerts have been found for WM53.

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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 3 mentions in open access literature.

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

Kotagama K, et al. (2024) The catalytic activity of microRNA Argonautes plays a modest role in microRNA star strand destabilization in *C. elegans*. *bioRxiv : the preprint server for biology*.

Kotagama K, et al. (2024) Catalytic residues of microRNA Argonautes play a modest role in microRNA star strand destabilization in *C. elegans*. *Nucleic acids research*, 52(9), 4985.

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