Resource Summary Report

Generated by Kravitz on Sep 22, 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."

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

Record Last Update: 20260919T180914+0000

Ratings and Alerts

No rating or validation information has been found for WM53.

No alerts have been found for WM53.

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 Kravitz .

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.