

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 21, 2026

CB502

RRID:WB-STRAIN:WBStrain00004174

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004174

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004174>

Proper Citation: RRID:WB-STRAIN:WBStrain00004174

Description: Caenorhabditis elegans with name sma-2(e502) III. from WB.

Species: Caenorhabditis elegans

Synonyms: sma-2(e502) III.

Notes: Small. Recessive. Male spicules abnormal. M-MATING-NO SUCCESS. Synthetic lethal common.

Affected Gene: WBGene00004856(sma-2)

Genomic Alteration: WBGene00004856(sma-2)

Catalog Number: WB-STRAIN:WBStrain00004174

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:4366476](#), [PMID:38302462](#)

Alternate IDs: WB-STRAIN:CB502, CGC_CB502

Organism Name: CB502

Record Creation Time: 20230227T013250+0000

Record Last Update: 20260815T162330+0000

Ratings and Alerts

No rating or validation information has been found for CB502.

No alerts have been found for CB502.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Vora M, et al. (2025) Genome-wide analysis of Smad and Schnurri transcription factors in *C. elegans* demonstrates widespread interaction and a function in collagen secretion. *eLife*, 13.

Madhu B, et al. (2023) The DBL-1/TGF-?? signaling pathway tailors behavioral and molecular host responses to a variety of bacteria in *Caenorhabditis elegans*. *eLife*, 12.