

Resource Summary Report

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

CB5348

RRID:WB-STRAIN:WBStrain00004639

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004639

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004639>

Proper Citation: RRID:WB-STRAIN:WBStrain00004639

Description: Caenorhabditis elegans with name mrt-2(e2663) III. from WB.

Species: Caenorhabditis elegans

Synonyms: mrt-2(e2663) III.

Notes: Reference WBPaper00060693 added based on published strain data identified by Textpresso literature search. ["Unable to propagate indefinitely: lines become sterile from F10-F28, with short telomeres and fused chromosomes. Hypersensitive to X-irradiation; weak Him phenotype; strong Him phenotype in later generations resulting from X-A fusions. Cross once or twice, freeze down many F2 mrt-2 plates, and go back to these plates every two months for fresh a mrt-2 line. A BstN1 RFLP makes the mrt-2 mutation easy to track."]

Affected Gene: WBGene00003417(mrt-2)

Genomic Alteration: WBGene00003417(mrt-2)

Catalog Number: WB-STRAIN:WBStrain00004639

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:10646593](#), [PMID:33262405](#), [PMID:38302462](#)

Alternate IDs: WB-STRAIN:CB5348, CGC_CB5348

Organism Name: CB5348

Record Creation Time: 20230227T013253+0000

Record Last Update: 20260815T162338+0000

Ratings and Alerts

No rating or validation information has been found for CB5348.

No alerts have been found for CB5348.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Chen L, et al. (2023) Investigation into the communication between unheated and heat-stressed *Caenorhabditis elegans* via volatile stress signals. Scientific reports, 13(1), 3225.