

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

MT2547

RRID:WB-STRAIN:WBStrain00026975

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00026975

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00026975>

Proper Citation: RRID:WB-STRAIN:WBStrain00026975

Description: Caenorhabditis elegans with name ced-4(n1162) III. from WB.

Species: Caenorhabditis elegans

Synonyms: ced-4(n1162) III.

Notes: Cells that normally die survive. [3/02: A mutation that was not reported (nucleotide 1251 C-> T causing codon 80 ->ochre) was found by Tak Hung. It turns out the mutation was misannotated in the original paper (Development, 1992, 116:309). Bob Horvitz also confirmed the discovery.|"Supplementary_genotype ced-4 (n1162) III|"|"Supplementary_genotype [ced-4(n1162)]"

Affected Gene: WBGene00000418(ced-4)

Genomic Alteration: WBGene00000418(ced-4)

Catalog Number: WB-STRAIN:WBStrain00026975

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:3955651](#), [PMID:36774344](#), [PMID:37644339](#), [PMID:37739206](#)

Alternate IDs: WB-STRAIN:MT2547, CGC_MT2547

Organism Name: MT2547

Record Creation Time: 20230227T013542+0000

Record Last Update: 20260815T163020+0000

Ratings and Alerts

No rating or validation information has been found for MT2547.

No alerts have been found for MT2547.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Rautela U, et al. (2025) DAF-16/FOXO maintains genome integrity following genotoxic stress. bioRxiv : the preprint server for biology.

Sharmin R, et al. (2025) Mitochondria transported by Kinesin-3 prevent localized calcium spiking to inhibit caspase-dependent specialized cell death. Current biology : CB, 35(20), 4932.

Calder??n-Urrea A, et al. (2025) CED4 and CED4-like Peptides as Effective Plant Parasitic Nematicides. Molecules (Basel, Switzerland), 30(18).

Venz R, et al. (2024) In-vivo screening implicates endoribonuclease Regnase-1 in modulating senescence-associated lysosomal changes. GeroScience, 46(2), 1499.

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.