

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

MT4770

RRID:WB-STRAIN:WBStrain00027154

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00027154

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00027154>

Proper Citation: RRID:WB-STRAIN:WBStrain00027154

Description: Caenorhabditis elegans with name ced-9(n1950) III. from WB.

Species: Caenorhabditis elegans

Synonyms: ced-9(n1950) III.

Notes: Dominant maternal effect. Survival of cells which normally undergo programmed cell death.|"Supplementary_genotype ced-9 (n1950) III"|"Supplementary_genotype [ced-9(n1950)]"

Affected Gene: WBGene00000423(ced-9)

Genomic Alteration: WBGene00000423(ced-9)

Catalog Number: WB-STRAIN:WBStrain00027154

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:1560823](#), [PMID:36774344](#), [PMID:37644339](#), [PMID:37739206](#)

Alternate IDs: WB-STRAIN:MT4770, CGC_MT4770

Organism Name: MT4770

Record Creation Time: 20230227T013543+0000

Record Last Update: 20260815T163023+0000

Ratings and Alerts

No rating or validation information has been found for MT4770.

No alerts have been found for MT4770.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Li C, et al. (2025) The Alleviative Effects of Weizmannia coagulans CGMCC 9951 on the Reproductive Toxicity of Caenorhabditis elegans Induced by Polystyrene Microplastics. Microorganisms, 13(3).

Ali TA, et al. (2025) Depletion of tryptophanyl-tRNA synthetase and tryptophan accumulation triggers p53-dependent apoptosis. Cell death discovery, 12(1), 34.

Al-Kaabi A, et al. (2025) Thiostrepton induces apoptotic cell death at the level of BCL-2/CED-9 in C. elegans. Scientific reports, 15(1), 24415.

Compere FV, et al. (2025) The synapsis checkpoint and the LIN-35/DREAM complex promote temperature stress-induced increases in germline apoptosis in Caenorhabditis elegans. G3 (Bethesda, Md.), 15(12).

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

Hegde S, et al. (2024) Axonal mitochondria regulate gentle touch response through control of axonal actin dynamics. bioRxiv : the preprint server for biology.