

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

MT4434

RRID:WB-STRAIN:WBStrain00027134

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00027134

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00027134>

Proper Citation: RRID:WB-STRAIN:WBStrain00027134

Description: Caenorhabditis elegans with name ced-5(n1812) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: ced-5(n1812) IV.

Notes: Persistent cell corpses. Maternal effect. Recessive.|"WBStrain provided so WBPaper00061198 paper added based on AFP_Strain data."

Affected Gene: WBGene00000419(ced-5)

Genomic Alteration: WBGene00000419(ced-5)

Catalog Number: WB-STRAIN:WBStrain00027134

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:1936965](#), [PMID:33759761](#)

Alternate IDs: WB-STRAIN:MT4434, CGC_MT4434

Organism Name: MT4434

Record Creation Time: 20230227T013543+0000

Record Last Update: 20260829T162008+0000

Ratings and Alerts

No rating or validation information has been found for MT4434.

No alerts have been found for MT4434.

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 [NIF](#) .

Singh N, et al. (2024) The Rac pathway prevents cell fragmentation in a nonprotrusively migrating leader cell during C. elegans gonad organogenesis. Current biology : CB, 34(11), 2387.

Venkatachalam T, et al. (2024) CED-5/CED-12 (DOCK/ELMO) can promote and inhibit F-actin formation via distinct motifs that may target different GTPases. PLoS genetics, 20(7), e1011330.

Venkatachalam T, et al. (2023) CED-5/CED-12 (DOCK/ELMO) can promote and inhibit F-actin formation via distinct motifs that target different GTPases. bioRxiv : the preprint server for biology.