

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 4, 2026

MT11068

RRID:WB-STRAIN:WBStrain00027386

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00027386

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00027386>

Proper Citation: RRID:WB-STRAIN:WBStrain00027386

Description: Caenorhabditis elegans with name ced-12(n3261) I. from WB.

Species: Caenorhabditis elegans

Synonyms: ced-12(n3261) I.

Notes: Defects in engulfment, persistent cell corpses observed in embryos, larvae, and adult hermaphrodite gonads. Distal tip cell migration defects.|"WBStrain provided so WBPaper00061198 paper added based on AFP_Strain data."

Affected Gene: WBGene00000426(ced-12)

Genomic Alteration: WBGene00000426(ced-12)

Catalog Number: WB-STRAIN:WBStrain00027386

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:33759761](#)

Alternate IDs: WB-STRAIN:MT11068, CGC_MT11068

Organism Name: MT11068

Record Creation Time: 20230227T013545+0000

Record Last Update: 20260829T162014+0000

Ratings and Alerts

No rating or validation information has been found for MT11068.

No alerts have been found for MT11068.

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 [SPARC SAWG](#) .

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.

Min H, et al. (2024) A role for BYN-1/bystin in cellular uptake and clearance of residual bodies in the *Caenorhabditis elegans* germline. Development (Cambridge, England), 151(19).

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. (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.

Fancsalszky L, et al. (2014) NDK-1, the homolog of NM23-H1/H2 regulates cell migration and apoptotic engulfment in *C. elegans*. PloS one, 9(3), e92687.