

Resource Summary Report

Generated by [dkNET](#) on Jul 29, 2026

CU1546

RRID:WB-STRAIN:WBStrain00005190

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005190

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005190>

Proper Citation: RRID:WB-STRAIN:WBStrain00005190

Description: Caenorhabditis elegans with name smls34. from WB.

Species: Caenorhabditis elegans

Synonyms: smls34.

Notes: Mutagen:Gamma rays|"smls34 [ced-1p::ced-1::GFP + rol-6(su1006)]. Maintain under standard conditions. Reference: Zou W, et al., (2009) PLoS Genet. 5(10):e1000679."

Catalog Number: WB-STRAIN:WBStrain00005190

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:36774344](#), [PMID:37118512](#), [PMID:37577954](#)

Alternate IDs: WB-STRAIN:CU1546, CGC_CU1546

Organism Name: CU1546

Record Creation Time: 20230227T013258+0000

Record Last Update: 20260725T171704+0000

Ratings and Alerts

No rating or validation information has been found for CU1546.

No alerts have been found for CU1546.

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 [dkNET](#) .

Rautela U, et al. (2024) A non-canonical role of somatic Cyclin D/CYD-1 in oogenesis and in maintenance of reproductive fidelity, dependent on the FOXO/DAF-16 activation state. PLoS genetics, 20(11), e1011453.

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).

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.

Papandreou ME, et al. (2023) Nucleophagy delays aging and preserves germline immortality. Nature aging, 3(1), 34.

Yuan L, et al. (2022) trim-21 promotes proteasomal degradation of CED-1 for apoptotic cell clearance in C. elegans. eLife, 11.

Brockway H, et al. (2014) The CSN/COP9 signalosome regulates synaptonemal complex assembly during meiotic prophase I of Caenorhabditis elegans. PLoS genetics, 10(11), e1004757.