

Resource Summary Report

Generated by [ASWG](#) on Aug 11, 2026

COP262

RRID:WB-STRAIN:WBStrain00005119

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005119>

Proper Citation: RRID:WB-STRAIN:WBStrain00005119

Description: Caenorhabditis elegans with name unc-119(ed3) III; knuSi221. from WB.

Species: Caenorhabditis elegans

Synonyms: unc-119(ed3) III; knuSi221.

Notes: fib-1 translational marker|"knuSi221 [fib-1p::fib-1(genomic)::eGFP::fib-1 3' UTR + unc-119(+)]. Single copy insertion. fib-1 promoter, genomic sequence, and 3'UTR was inserted into pCFJ151 (ttTi5606) targeting vector and inserted into ttTi5605. Allen AK, Nesmith JE, and A Golden. 2014 G3:4(12)2329-43."|"Made_by: Knudra Transgenics"

Affected Gene: WBGene00006843(unc-119)

Genomic Alteration: WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00005119

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37039075](#), [PMID:37118512](#)

Alternate IDs: WB-STRAIN:COP262, CGC_COP262

Organism Name: COP262

Record Creation Time: 20230227T013257+0000

Ratings and Alerts

No rating or validation information has been found for COP262.

No alerts have been found for COP262.

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 [ASWG](#) .

Mejia-Trujillo R, et al. (2025) RNA Pol I activity maintains chromatin condensation and the H3K4me3 gradient essential for oogenesis, independent of ribosome production. bioRxiv : the preprint server for biology.

Sharifi S, et al. (2024) Reducing the metabolic burden of rRNA synthesis promotes healthy longevity in *Caenorhabditis elegans*. Nature communications, 15(1), 1702.

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

Brown JS, et al. (2023) Sensitized piRNA reporter identifies multiple RNA processing factors involved in piRNA-mediated gene silencing. Genetics, 224(4).

Burnaevskiy N, et al. (2018) Reactivation of RNA metabolism underlies somatic restoration after adult reproductive diapause in *C. elegans*. eLife, 7.