

Resource Summary Report

Generated by [NIF](#) on Sep 9, 2026

NU3

RRID:WB-STRAIN:WBStrain00029114

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00029114

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00029114>

Proper Citation: RRID:WB-STRAIN:WBStrain00029114

Description: Caenorhabditis elegans with name dbl-1(nk3) V. from WB.

Species: Caenorhabditis elegans

Synonyms: dbl-1(nk3) V.

Notes: Previously called cet-1(kk3). Short, somewhat Dpy. Males have crumpled spicules and abnormal rays; Similar to sma-2, sma-3, sma-4, sma-6 and daf-4.

Affected Gene: WBGene00000936(dbl-1)

Genomic Alteration: WBGene00000936(dbl-1)

Catalog Number: WB-STRAIN:WBStrain00029114

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:10021351](#), [PMID:37527037](#), [PMID:38573858](#)

Alternate IDs: WB-STRAIN:NU3, CGC_NU3

Organism Name: NU3

Record Creation Time: 20230227T013558+0000

Record Last Update: 20260905T115204+0000

Ratings and Alerts

No rating or validation information has been found for NU3.

No alerts have been found for NU3.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Ghosh A, et al. (2025) RNA methyltransferase CMTR-1 inhibition activates a GATA transcription factor-mediated protective immune response. bioRxiv : the preprint server for biology.

Rao R, et al. (2025) Inhibition of the UFD-1-NPL-4 complex triggers an aberrant immune response in *Caenorhabditis elegans*. bioRxiv : the preprint server for biology.

Rao R, et al. (2025) Inhibition of the UFD-1-NPL-4 complex triggers an aberrant immune response in *Caenorhabditis elegans*. eLife, 13.

Ghosh A, et al. (2024) Translation initiation or elongation inhibition triggers contrasting effects on *Caenorhabditis elegans* survival during pathogen infection. mBio, 15(11), e0248524.

Kumar A, et al. (2024) Heat-killed probiotic *Levilactobacillus brevis* MKAK9 and its exopolysaccharide promote longevity by modulating aging hallmarks and enhancing immune responses in *Caenorhabditis elegans*. Immunity & ageing : I & A, 21(1), 52.

Das P, et al. (2024) Calcineurin inhibition enhances *Caenorhabditis elegans* lifespan by defecation defects-mediated calorie restriction and nuclear hormone signaling. eLife, 12.

Griem-Krey H, et al. (2023) The intricate triangular interaction between protective microbe, pathogen and host determines fitness of the metaorganism. Proceedings. Biological sciences, 290(2012), 20232193.

Liu J, et al. (2023) GABAergic signaling between enteric neurons and intestinal smooth muscle promotes innate immunity and gut defense in *Caenorhabditis elegans*. Immunity, 56(7), 1515.

Madhu B, et al. (2023) The DBL-1/TGF-?? signaling pathway tailors behavioral and molecular host responses to a variety of bacteria in *Caenorhabditis elegans*. eLife, 12.