

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

NL2099

RRID:WB-STRAIN:WBStrain00028995

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00028995

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00028995>

Proper Citation: RRID:WB-STRAIN:WBStrain00028995

Description: Caenorhabditis elegans with name rrf-3(pk1426) II. from WB.

Species: Caenorhabditis elegans

Synonyms: rrf-3(pk1426) II.

Notes: Homozygous rrf-3 deletion allele. Increased sensitivity to RNAi when compared to WT animals. Deletion sequence (deletion in lower case letters, flanking undeleted sequence in capital letters): TGCACATATTctacagaatt -----
taccgattaAATGGACAATT (from Plasterk Lab
11/05).|"Mutagen:UV/TMP"|"Supplementary_genotype rrf-
3(pk1426)"|"Supplementary_genotype [rrf-3(pk1426)II]"|"WBStrain mapped,
WBPaper00060738 added based on AFP_Strain data."|"WBStrain provided so
WBPaper00061641 paper added based on AFP_Strain data."|"WBStrain00028995"

Affected Gene: WBGene00004510(rrf-3)

Genomic Alteration: WBGene00004510(rrf-3)

Catalog Number: WB-STRAIN:WBStrain00028995

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32918875](#), [PMID:33289480](#), [PMID:36653384](#),
[PMID:37767001](#), [PMID:37996473](#), [PMID:39232459](#)

Alternate IDs: WB-STRAIN:NL2099, CGC_NL2099

Organism Name: NL2099

Record Creation Time: 20230227T013557+0000

Record Last Update: 20260912T181551+0000

Ratings and Alerts

No rating or validation information has been found for NL2099.

No alerts have been found for NL2099.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

van der Rijt S, et al. (2025) Targeting phospholipase PLAG-15 promotes healthy aging in *C. elegans* via lysosomal-related genes. *iScience*, 28(7), 112880.

Ewe CK, et al. (2025) Dynamic control of Argonautes by a rapidly evolving immunological switch. *Current biology : CB*, 35(13), 3076.

Vora M, et al. (2025) Genome-wide analysis of Smad and Schnurri transcription factors in *C. elegans* demonstrates widespread interaction and a function in collagen secretion. *eLife*, 13.

Seetharaman A, et al. (2025) Decreased SynMuv B gene activity in response to viral infection leads to activation of the antiviral RNAi pathway in *C. elegans*. *PLoS biology*, 23(1), e3002748.

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).

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.

Pispa J, et al. (2023) AKIR-1 regulates proteasome subcellular function in *Caenorhabditis elegans*. *iScience*, 26(10), 107886.

Tabarraei H, et al. (2023) CCR4-NOT subunit CCF-1/CNOT7 promotes transcriptional activation to multiple stress responses in *Caenorhabditis elegans*. *Aging cell*, 22(4), e13795.