

# Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

## NL2099

RRID:WB-STRAIN:WBStrain00028995

Type: Organism

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### Proper Citation

RRID:WB-STRAIN:WBStrain00028995

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### 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:** 20260905T115203+0000

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## Ratings and Alerts

No rating or validation information has been found for NL2099.

No alerts have been found for NL2099.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** WormBase (WB)

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## Usage and Citation Metrics

We found 8 mentions in open access literature.

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

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.