

# Resource Summary Report

Generated by [RRID](#) on Aug 8, 2026

## DMS303

RRID:WB-STRAIN:WBStrain00006142

Type: Organism

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### Proper Citation

RRID:WB-STRAIN:WBStrain00006142

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### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00006142>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00006142

**Description:** Caenorhabditis elegans with name nls590 V. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** nls590 V.

**Notes:** nls590 [fat-7p::fat-7::GFP + lin15(+)] V. Derived by X-ray integration of waEx15. The fat-7::fat-7::GFP translational reporter is activated by 15C or acdh-11 loss-of-function. See Ma et al., Cell. 2015 May 21; 161(5): 11521163.

**Catalog Number:** WB-STRAIN:WBStrain00006142

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** [PMID:33009389](#), [PMID:38374083](#)

**Alternate IDs:** WB-STRAIN:DMS303, CGC\_DMS303

**Organism Name:** DMS303

**Record Creation Time:** 20230227T013305+0000

**Record Last Update:** 20260801T171153+0000

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### Ratings and Alerts

No rating or validation information has been found for DMS303.

No alerts have been found for DMS303.

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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 [RRID](#) .

Wilhelm T, et al. (2025) An intergenerational lipid memory of the social environment in *C. elegans*. *bioRxiv : the preprint server for biology*.

Chaturbedi A, et al. (2025) Different gametogenesis states uniquely impact longevity in *Caenorhabditis elegans*. *Nature communications*, 16(1), 9300.

Das P, et al. (2025) Iron-deplete diet enhances *Caenorhabditis elegans* lifespan via oxidative stress response pathways. *The EMBO journal*, 44(24), 7565.

Das P, et al. (2025) Iron-deplete diet enhances *Caenorhabditis elegans* lifespan via oxidative stress response pathways. *bioRxiv : the preprint server for biology*.

Pees B, et al. (2024) The *Caenorhabditis elegans* proteome response to two protective *Pseudomonas* symbionts. *mBio*, 15(4), e0346323.

Fox BW, et al. (2024) Evolutionarily related host and microbial pathways regulate fat desaturation in *C. elegans*. *Nature communications*, 15(1), 1520.

Ganner A, et al. (2023) SCD5 Regulation by VHL Affects Cell Proliferation and Lipid Homeostasis in ccRCC. *Cells*, 12(6).

Fox BW, et al. (2023) Evolutionarily related host and microbial pathways regulate fat desaturation. *bioRxiv : the preprint server for biology*.