

# Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

## MY16

RRID:WB-STRAIN:WBStrain00027662

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00027662

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00027662>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00027662

**Description:** Caenorhabditis elegans with name Caenorhabditis elegans wild isolate. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** Caenorhabditis elegans wild isolate.

**Notes:** Natural isolate. Obtained in September 2002 from a compost heap in Mecklenbeck, Munster, Northwest Germany. Frozen within 5 generations after isolation. Microsatellite genotype EU6.["Supplementary\_genotype"]["WBStrain mapped, WBPaper00059753 added based on AFP\_Strain data."]

**Catalog Number:** WB-STRAIN:WBStrain00027662

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** [PMID:22301316](#), [PMID:32550518](#), [PMID:32482879](#), [PMID:33820969](#), [PMID:37170380](#), [PMID:37198172](#), [PMID:37572357](#), [PMID:37878696](#), [PMID:38564369](#), [PMID:38865452](#)

**Alternate IDs:** WB-STRAIN:MY16, CGC\_MY16

**Organism Name:** MY16

**Record Creation Time:** 20230227T013547+0000

**Record Last Update:** 20260815T163031+0000

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## Ratings and Alerts

No rating or validation information has been found for MY16.

No alerts have been found for MY16.

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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](#) .

Li S, et al. (2025) Environmental factors capable of broadly interfering with nutritional lifespan extension paradigms. *iScience*, 28(7), 112827.

Banse SA, et al. (2025) Computer prediction and genetic analysis identifies retinoic acid modulation as a driver of conserved longevity pathways in genetically diverse *Caenorhabditis* nematodes. *eLife*, 13.

Banse SA, et al. (2024) The coupling between healthspan and lifespan in *Caenorhabditis* depends on complex interactions between compound intervention and genetic background. *Aging*, 16(7), 5829.

Sun B, et al. (2023) The CERV protein of Cer1, a *C. elegans* LTR retrotransposon, is required for nuclear export of viral genomic RNA and can form giant nuclear rods. *PLoS genetics*, 19(6), e1010804.

Rieger I, et al. (2023) Nucleus-independent transgenerational small RNA inheritance in *Caenorhabditis elegans*. *Science advances*, 9(43), eadj8618.

Lee H, et al. (2023) Genetic Variants That Modify the Neuroendocrine Regulation of Foraging Behavior in *C. elegans*. *bioRxiv : the preprint server for biology*.

Susoy V, et al. (2023) Evolutionarily conserved behavioral plasticity enables context-dependent mating in *C. elegans*. *Current biology : CB*, 33(20), 4532.

Diaz SA, et al. (2014) Genotypic-specific variance in *Caenorhabditis elegans* lifetime fecundity. *Ecology and evolution*, 4(11), 2058.