

# Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

## CB1489

RRID:WB-STRAIN:WBStrain00004346

Type: Organism

### Proper Citation

RRID:WB-STRAIN:WBStrain00004346

### Organism Information

**URL:** <http://www.wormbase.org/db/get?name=WBStrain00004346>

**Proper Citation:** RRID:WB-STRAIN:WBStrain00004346

**Description:** Caenorhabditis elegans with name him-8(e1489) IV. from WB.

**Species:** Caenorhabditis elegans

**Synonyms:** him-8(e1489) IV.

**Notes:** 37% XO self-progeny. 6% XXX self-progeny. Recessive. M-MATING++ 1-10%WT. [Background mutation that causes rays 8 and 9 to fuse.]"WBStrain mapped, WBPaper00060142 added based on AFP\_Strain data."|"WBStrain mapped, WBPaper00060819 added based on AFP\_Strain data."|"WBStrain mapped, WBPaper00061461 added based on AFP\_Strain data."|"WBStrain provided so WBPaper00061871 paper added based on AFP\_Strain data."

**Affected Gene:** WBGene00001867(him-8)

**Genomic Alteration:** WBGene00001867(him-8)

**Catalog Number:** WB-STRAIN:WBStrain00004346

**Database:** WormBase (WB)

**Database Abbreviation:** WB

**Availability:** available

**Source References:** [PMID:17248881](#), [PMID:32149606](#), [PMID:32857970](#), [PMID:33377003](#), [PMID:34081106](#), [PMID:37078421](#), [PMID:38769103](#), [PMID:38783998](#)

**Alternate IDs:** WB-STRAIN:CB1489, CGC\_CB1489

**Organism Name:** CB1489

**Record Creation Time:** 20230227T013251+0000

**Record Last Update:** 20260815T162333+0000

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## Ratings and Alerts

No rating or validation information has been found for CB1489.

No alerts have been found for CB1489.

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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 9 mentions in open access literature.

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

Al-Saadi RS, et al. (2025) Pro-longevity compounds extend *Caenorhabditis elegans* male lifespan and reproductive healthspan. *bioRxiv : the preprint server for biology*.

Haque R, et al. (2025) Decoding sexual dimorphism of the sex-shared nervous system at single-neuron resolution. *Science advances*, 11(28), eadv9106.

Haque R, et al. (2024) Sex-specific developmental gene expression atlas unveils dimorphic gene networks in *C. elegans*. *Nature communications*, 15(1), 4273.

Luo J, et al. (2024) *C. elegans* males optimize mate-preference decisions via sex-specific responses to multimodal sensory cues. *Current biology : CB*, 34(6), 1309.

Luo J, et al. (2023) *C. elegans* males optimize mate-choice decisions via sex-specific responses to multimodal sensory cues. *bioRxiv : the preprint server for biology*.

Nonet ML, et al. (2023) Rapid generation of *Caenorhabditis elegans* single-copy transgenes combining recombination-mediated cassette exchange and drug selection. *Genetics*, 224(3).

Woodhouse RM, et al. (2022) Mitochondrial succinate dehydrogenase function is essential for sperm motility and male fertility. *iScience*, 25(12), 105573.

Gruss M, et al. (2022) Using *Caenorhabditis elegans* as a Model for Mechanistic Insights of Craniofacial Development. *Methods in molecular biology (Clifton, N.J.)*, 2403, 1.

Tang W, et al. (2018) A Sex Chromosome piRNA Promotes Robust Dosage Compensation and Sex Determination in *C. elegans*. *Developmental cell*, 44(6), 762.