

Resource Summary Report

Generated by [NIF](#) on Aug 19, 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

Ratings and Alerts

No rating or validation information has been found for CB1489.

No alerts have been found for CB1489.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

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.