

Resource Summary Report

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

AE501

RRID:WB-STRAIN:WBStrain00000059

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00000059

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00000059>

Proper Citation: RRID:WB-STRAIN:WBStrain00000059

Description: Caenorhabditis elegans with name nhr-8(ok186) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: nhr-8(ok186) IV.

Notes: Approx. 1.3 kb deletion - does not remove entire coding region, might not be null allele. No overt morphological or behavioral abnormalities. Homozygotes are 2-3X more sensitive to colchicine and chloroquine than are N2 animals.|"Made_by: Moulder/Lindblom"|"Supplementary_genotype nhr-8(ok186)"

Affected Gene: WBGene00003607(nhr-8)

Genomic Alteration: WBGene00003607(nhr-8)

Catalog Number: WB-STRAIN:WBStrain00000059

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37906605](#)

Alternate IDs: WB-STRAIN:AE501, CGC_AE501

Organism Name: AE501

Record Creation Time: 20230227T013219+0000

Ratings and Alerts

No rating or validation information has been found for AE501.

No alerts have been found for AE501.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Das P, et al. (2024) Calcineurin inhibition enhances *Caenorhabditis elegans* lifespan by defecation defects-mediated calorie restriction and nuclear hormone signaling. *eLife*, 12.

Rehborg EG, et al. (2023) Mapping resistance-associated anthelmintic interactions in the model nematode *Caenorhabditis elegans*. *PLoS neglected tropical diseases*, 17(10), e0011705.

Rehborg EG, et al. (2023) Mapping resistance-associated anthelmintic interactions in the model nematode *Caenorhabditis elegans*. *bioRxiv : the preprint server for biology*.

Nasrallah MA, et al. (2023) Transcriptional suppression of sphingolipid catabolism controls pathogen resistance in *C. elegans*. *PLoS pathogens*, 19(10), e1011730.

Verma S, et al. (2018) A novel gene-diet pair modulates *C. elegans* aging. *PLoS genetics*, 14(8), e1007608.

Ludewig AH, et al. (2017) Larval crowding accelerates *C. elegans* development and reduces lifespan. *PLoS genetics*, 13(4), e1006717.

Taubert S, et al. (2008) The Mediator subunit MDT-15 confers metabolic adaptation to ingested material. *PLoS genetics*, 4(2), e1000021.