Resource Summary Report

Generated by dkNET on Aug 22, 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

Record Last Update: 20260815T162228+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 dkNET .

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. bioRxiv : the preprint server for biology.

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

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.