

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

STE68

RRID:WB-STRAIN:WBStrain00034504

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00034504

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034504>

Proper Citation: RRID:WB-STRAIN:WBStrain00034504

Description: Caenorhabditis elegans with name nhr-49(nr2041)/I from WB.

Species: Caenorhabditis elegans

Synonyms: nhr-49(nr2041)/I

Notes: Made_by: Pranali Pathare|"Reference: Pathare PP, et al. PLoS Genet. 2012 Apr;8(4):e1002645."|"Supplementary_genotype nhr-49(nr2041)"

Affected Gene: WBGene00003639(nhr-49)

Genomic Alteration: WBGene00003639(nhr-49)

Catalog Number: WB-STRAIN:WBStrain00034504

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37906605](#), [PMID:38520690](#), [PMID:38816072](#), [PMID:39572679](#)

Alternate IDs: WB-STRAIN:STE68, CGC_STE68

Organism Name: STE68

Record Creation Time: 20230227T013639+0000

Record Last Update: 20260801T171915+0000

Ratings and Alerts

No rating or validation information has been found for STE68.

No alerts have been found for STE68.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Wilhelm T, et al. (2025) An intergenerational lipid memory of the social environment in *C. elegans*. bioRxiv : the preprint server for biology.

Hodgkin J, et al. (2025) Mutations of *nhr-49* affect *C. elegans* susceptibility to *Yersinia* biofilms. microPublication biology, 2025.

Das P, et al. (2025) Iron-deplete diet enhances *Caenorhabditis elegans* lifespan via oxidative stress response pathways. The EMBO journal, 44(24), 7565.

Das P, et al. (2025) Iron-deplete diet enhances *Caenorhabditis elegans* lifespan via oxidative stress response pathways. bioRxiv : the preprint server for biology.

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

Tsai SH, et al. (2024) Peripheral peroxisomal β -oxidation engages neuronal serotonin signaling to drive stress-induced aversive memory in *C. elegans*. Cell reports, 43(4), 113996.

Pu L, et al. (2023) Hypoxia induces food leaving in *C. elegans*. microPublication biology, 2023.

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