

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

EU1

RRID:WB-STRAIN:WBStrain00007249

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00007249

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00007249>

Proper Citation: RRID:WB-STRAIN:WBStrain00007249

Description: Caenorhabditis elegans with name skn-1(zu67) IV/nT1 [unc-?(n754) let-?] (IV;V). from WB.

Species: Caenorhabditis elegans

Synonyms: skn-1(zu67) IV/nT1 [unc-?(n754) let-?] (IV;V).

Notes: Heterozygotes are Unc and segregate Unc, WT which give only dead eggs, and dead eggs. Maintain by picking Unc."Reference WBPaper00057259 added based on published strain data identified by Textpresso literature search."Reference WBPaper00058621 added based on published strain data identified by Textpresso literature search."Supplementary_genotype [skn-1(zu67) IV/nT1(IV;V)]WBStrain mapped, WBPaper00061072 added based on AFP_Strain data."WBStrain mapped, WBPaper00061110 added based on AFP_Strain data."WBStrain provided so WBPaper00059477 paper added based on AFP_Strain data."

Affected Gene: WBGene00004804(skn-1)

Genomic Alteration: WBGene00004804(skn-1)

Catalog Number: WB-STRAIN:WBStrain00007249

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:1547503](#), [PMID:31432005](#), [PMID:31510078](#), [PMID:33602504](#), [PMID:33654835](#), [PMID:37122724](#), [PMID:37726773](#), [PMID:38632209](#), [PMID:39273603](#)

Alternate IDs: WB-STRAIN:EU1, CGC_EU1

Organism Name: EU1

Record Creation Time: 20230227T013313+0000

Record Last Update: 20260912T181104+0000

Ratings and Alerts

No rating or validation information has been found for EU1.

No alerts have been found for EU1.

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](#).

Kumar A, et al. (2024) Heat-killed probiotic *Levilactobacillus brevis* MKAK9 and its exopolysaccharide promote longevity by modulating aging hallmarks and enhancing immune responses in *Caenorhabditis elegans*. *Immunity & ageing : I & A*, 21(1), 52.

Sirakawin C, et al. (2024) SKN-1/NRF2 upregulation by vitamin A is conserved from nematodes to mammals and is critical for lifespan extension in *Caenorhabditis elegans*. *Aging cell*, 23(3), e14064.

Huang Y, et al. (2024) Research on the anti-oxidant and anti-aging effects of *Polygonatum kingianum* saponins in *Caenorhabditis elegans*. *Heliyon*, 10(15), e35556.

Yin X, et al. (2024) Cysteine protease cathepsin B promotes lysosome integrity to extend the lifespan of alternative day fasting worms. *Aging cell*, 23(11), e14286.

Li H, et al. (2024) Dimethylsulfoniopropionate (DMSP) Increases Longevity and Mitochondrial Function in *Caenorhabditis elegans*: Implications for the Role of the Global Sulfur Cycle in Terrestrial Ecosystems. *Environment & health (Washington, D.C.)*, 2(8), 572.

Li W, et al. (2024) Low-dose naltrexone extends healthspan and lifespan in *C.??elegans* via SKN-1 activation. *iScience*, 27(6), 109949.

Li B, et al. (2024) Phloretic acid requires the insulin/IGF-1 pathway and autophagy to enhance stress resistance and extend the lifespan of *Caenorhabditis elegans*. *Frontiers in pharmacology*, 15, 1384227.