

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

SS104

RRID:WB-STRAIN:WBStrain00034434

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00034434

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034434>

Proper Citation: RRID:WB-STRAIN:WBStrain00034434

Description: Caenorhabditis elegans with name glp-4(bn2) I. from WB.

Species: Caenorhabditis elegans

Synonyms: glp-4(bn2) I.

Notes: Reference WBPaper00056840 added based on published strain data identified by Textpresso literature search."|"Reference WBPaper00059681 added based on published strain data identified by Textpresso literature search."|"Reference WBPaper00060516 added based on published strain data identified by Textpresso literature search."|"Supplementary_genotype glp-4(bn2ts) I"|"Temperature sensitive defect in germ-line proliferation during larval development. Defect can be reversed by shifting worms from restrictive (25C) to permissive temperature (16C). Germ-line proliferation defect at restrictive temperature may be due to arrest in mitotic prophase. This strain is very useful for producing large populations of worms that essentially lack a germ line."|"WBStrain mapped, WBPaper00061562 added based on AFP_Strain data."

Affected Gene: WBGene00006936(glp-4)

Genomic Alteration: WBGene00006936(glp-4)

Catalog Number: WB-STRAIN:WBStrain00034434

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:1289064](#), [PMID:31160462](#), [PMID:32451438](#), [PMID:32704017](#), [PMID:33087356](#), [PMID:33498622](#), [PMID:34172445](#), [PMID:36924492](#), [PMID:37474586](#), [PMID:38190406](#), [PMID:38740431](#), [PMID:38908368](#), [PMID:38963038](#)

Alternate IDs: WB-STRAIN:SS104, CGC_SS104

Organism Name: SS104

Record Creation Time: 20230227T013638+0000

Record Last Update: 20260815T163237+0000

Ratings and Alerts

No rating or validation information has been found for SS104.

No alerts have been found for SS104.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Erdmann EA, et al. (2025) ADARs mediate distinct RNA editing activity and gene regulation in the *Caenorhabditis elegans* germline. *bioRxiv : the preprint server for biology*.

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.

Vassallo BG, et al. (2024) Bacteria are a major determinant of Orsay virus transmission and infection in *Caenorhabditis elegans*. *eLife*, 12.

Shen K, et al. (2024) The germline coordinates mitokine signaling. *Cell*, 187(17), 4605.

Kim J, et al. (2024) Cross comparison of imaging strategies of mitochondria in *C. elegans* during aging. *bioRxiv : the preprint server for biology*.

Burkhardt RN, et al. (2023) Sex-specificity of the *C. elegans* metabolome. *Nature communications*, 14(1), 320.

Kawano T, et al. (2023) ER proteostasis regulators cell-non-autonomously control sleep. *Cell reports*, 42(3), 112267.

Zhou Y, et al. (2023) Collagen and actin network mediate antiviral immunity against Orsay in *C. elegans* intestinal cells. *bioRxiv* : the preprint server for biology.

Moreno A, et al. (2023) Examining Sporadic Cancer Mutations Uncovers a Set of Genes Involved in Mitochondrial Maintenance. *Genes*, 14(5).

Kern CC, et al. (2023) *C. elegans* ageing is accelerated by a self-destructive reproductive programme. *Nature communications*, 14(1), 4381.

Conery AL, et al. (2014) High-throughput screening for novel anti-infectives using a *C. elegans* pathogenesis model. *Current protocols in chemical biology*, 6(1), 25.