

Resource Summary Report

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QV225

RRID:WB-STRAIN:WBStrain00031273

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031273

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00031273>

Proper Citation: RRID:WB-STRAIN:WBStrain00031273

Description: Caenorhabditis elegans with name skn-1(zj15) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: skn-1(zj15) IV.

Notes: Hypomorphic allele of skn-1 that may be propagated as a homozygote. High rate of embryonic lethality and slightly lower brood size compared to N2. Reference: Tang L, Dodd W, Choe K. G3 (Bethesda). 2015 Dec 29.|"Reference WBPaper00059755 added based on published strain data identified by Textpresso literature search."|"Supplementary_genotype [skn-1(zj15) IV.]"

Affected Gene: WBGene00004804(skn-1)

Genomic Alteration: WBGene00004804(skn-1)

Catalog Number: WB-STRAIN:WBStrain00031273

Database: WormBase (WB)

Database Abbreviation: WB

Availability: live

Source References:

WBPaper00059755(PMID:32482227)WBPaper00059901(PMID:31771413)WBPaper00065026(PMID:3

Alternate IDs: WB-STRAIN:QV225

Organism Name: QV225

Record Creation Time: 20230227T013615+0000

Record Last Update: 20250419T234229+0000

Ratings and Alerts

No rating or validation information has been found for QV225.

No alerts have been found for QV225.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Lee JD, et al. (2024) Sodium Benzoate Induces Fat Accumulation and Reduces Lifespan via the SKN-1/Nrf2 Signaling Pathway: Evidence from the *Caenorhabditis elegans* Model. *Nutrients*, 16(21).

Sharifi S, et al. (2024) Reducing the metabolic burden of rRNA synthesis promotes healthy longevity in *Caenorhabditis elegans*. *Nature communications*, 15(1), 1702.

Dang H, et al. (2023) On the benefits of the tryptophan metabolite 3-hydroxyanthranilic acid in *Caenorhabditis elegans* and mouse aging. *Nature communications*, 14(1), 8338.

Sun Y, et al. (2020) Lysosome activity is modulated by multiple longevity pathways and is important for lifespan extension in *C. elegans*. *eLife*, 9.