

Resource Summary Report

Generated by [dkNET](#) on Aug 23, 2026

TK22

RRID:WB-STRAIN:WBStrain00034909

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00034909

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034909>

Proper Citation: RRID:WB-STRAIN:WBStrain00034909

Description: Caenorhabditis elegans with name mev-1(kn1) III. from WB.

Species: Caenorhabditis elegans

Synonyms: mev-1(kn1) III.

Notes: Methylviologen (paraquat) sensitive. Oxygen sensitive. Short life span.["Reference WBPaper00058851 added based on published strain data identified by Textpresso literature search."]"Supplementary_genotype mev-1(kn1) III"

Affected Gene: WBGene00003225(mev-1)

Genomic Alteration: WBGene00003225(mev-1)

Catalog Number: WB-STRAIN:WBStrain00034909

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:31717869](#), [PMID:32009302](#), [PMID:33542359](#), [PMID:33883621](#), [PMID:36774344](#), [PMID:37427543](#), [PMID:37957360](#), [PMID:38790689](#)

Alternate IDs: WB-STRAIN:TK22, CGC_TK22

Organism Name: TK22

Record Creation Time: 20230227T013643+0000

Ratings and Alerts

No rating or validation information has been found for TK22.

No alerts have been found for TK22.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Krishna MM, et al. (2025) Epidermal Collagen Reduction Drives Selective Aspects of Aging in Sensory Neurons. *Aging cell*, 24(4), e14459.

Daskalaki I, et al. (2023) Local coordination of mRNA storage and degradation near mitochondria modulates *C. elegans* ageing. *The EMBO journal*, 42(16), e112446.

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

Chamoli M, et al. (2023) A drug-like molecule engages nuclear hormone receptor DAF-12/FXR to regulate mitophagy and extend lifespan. *Nature aging*, 3(12), 1529.

Woodhouse RM, et al. (2022) Mitochondrial succinate dehydrogenase function is essential for sperm motility and male fertility. *iScience*, 25(12), 105573.