

Resource Summary Report

Generated by [dkNET](#) on Aug 24, 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.