

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

TJ1052

RRID:WB-STRAIN:WBStrain00034902

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00034902

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00034902>

Proper Citation: RRID:WB-STRAIN:WBStrain00034902

Description: Caenorhabditis elegans with name age-1(hx546) from WB.

Species: Caenorhabditis elegans

Synonyms: age-1(hx546)

Notes: Long life. Normal fertility. Not Temperature sensitive. Stress tolerant.|"Made_by: Hutchinson & Johnson"|"Supplementary_genotype age-1(hx546)"|"WBStrain mapped, WBPaper00060896 added based on AFP_Strain data."|"WBStrain mapped, WBPaper00060924 added based on AFP_Strain data."

Affected Gene: WBGene00000090(age-1)

Genomic Alteration: WBGene00000090(age-1)

Catalog Number: WB-STRAIN:WBStrain00034902

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:8125279](#), [PMID:33471780](#), [PMID:34610328](#), [PMID:37427543](#), [PMID:37591249](#), [PMID:37885348](#), [PMID:38632209](#), [PMID:38790689](#), [PMID:39572679](#)

Alternate IDs: WB-STRAIN:TJ1052, CGC_TJ1052

Organism Name: TJ1052

Record Creation Time: 20230227T013642+0000

Record Last Update: 20260905T115321+0000

Ratings and Alerts

No rating or validation information has been found for TJ1052.

No alerts have been found for TJ1052.

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](#).

Pohl F, et al. (2025) Environmental NaCl affects *C. elegans* development and aging. bioRxiv : the preprint server for biology.

Rautela U, et al. (2024) A non-canonical role of somatic Cyclin D/CYD-1 in oogenesis and in maintenance of reproductive fidelity, dependent on the FOXO/DAF-16 activation state. PLoS genetics, 20(11), e1011453.

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

Zhao L, et al. (2022) Insight of Silkworm Pupa Oil Regulating Oxidative Stress and Lipid Metabolism in *Caenorhabditis elegans*. Foods (Basel, Switzerland), 11(24).

Mojsilovic-Petrovic J, et al. (2009) FOXO3a is broadly neuroprotective in vitro and in vivo against insults implicated in motor neuron diseases. The Journal of neuroscience : the official journal of the Society for Neuroscience, 29(25), 8236.