

Resource Summary Report

Generated by [NIF](#) on Sep 12, 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 [NIF](#) .

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.