

Resource Summary Report

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

VZ1

RRID:WB-STRAIN:WBStrain00040309

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040309

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040309>

Proper Citation: RRID:WB-STRAIN:WBStrain00040309

Description: Caenorhabditis elegans with name trx-1(ok1449) II. from WB.

Species: Caenorhabditis elegans

Synonyms: trx-1(ok1449) II.

Notes: B0228.5 Homozygous. Exhibits slightly shortened lifespan compared to wild-type. Outer Left Sequence: cgccgtggtaacctcttta. Outer Right Sequence: ttatcggacaataggcggac. Inner Left Sequence: ctgttgactcccaacaccct. Inner Right Sequence: ttgcaaaagaaatttcgcc. Inner Primer PCR Length: 2357. Estimated Deletion Size: about 850 bp. This strain was provided by the C. elegans Gene Knockout Project at OMRF, which is part of the International C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use. URL: www.mutantfactory.ouhsc.edu/ Reference: Miranda-Vizuite A, et al. FEBS Lett. 2006 Jan 23;580(2):484-90.|"Made_by: A. Miranda Vizuite"|"Supplementary_genotype trx-1(ok1449)"

Affected Gene: WBGene00015062(trx-1)

Genomic Alteration: WBGene00015062(trx-1)

Catalog Number: WB-STRAIN:WBStrain00040309

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37258276](#), [PMID:38446031](#)

Alternate IDs: WB-STRAIN:VZ1, CGC_VZ1

Organism Name: VZ1

Record Creation Time: 20230227T013723+0000

Record Last Update: 20260815T163416+0000

Ratings and Alerts

No rating or validation information has been found for VZ1.

No alerts have been found for VZ1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Venkatesh SR, et al. (2023) Amphid sensory neurons of *Caenorhabditis elegans* orchestrate its survival from infection with broad classes of pathogens. Life science alliance, 6(8).