

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

VC8

RRID:WB-STRAIN:WBStrain00035480

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00035480

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00035480>

Proper Citation: RRID:WB-STRAIN:WBStrain00035480

Description: Caenorhabditis elegans with name jnk-1(gk7) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: jnk-1(gk7) IV.

Notes: B0478.1. Superficially wild type.|"Made_by: Vancouver KO Group"| "Mutagen: Formaldehyde"| "Reference WBPaper00059256 added based on published strain data identified by Textpresso literature search."|"This strain was provided by the C. elegans Reverse Genetics Core Facility at the University of British Columbia, which is part of the international C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."

Affected Gene: WBGene00002178(jnk-1)

Genomic Alteration: WBGene00002178(jnk-1)

Catalog Number: WB-STRAIN:WBStrain00035480

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32010481](#), [PMID:32978396](#), [PMID:37310929](#), [PMID:38573858](#)

Alternate IDs: WB-STRAIN:VC8, CGC_VC8

Organism Name: VC8

Record Creation Time: 20230227T013647+0000

Record Last Update: 20260725T172358+0000

Ratings and Alerts

No rating or validation information has been found for VC8.

No alerts have been found for VC8.

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](#) .

Balaguer F, et al. (2023) Bifidobacterium animalis subsp. lactis BPL1??? and Its Lipoteichoic Acid Modulate Longevity and Improve Age/Stress-Related Behaviors in Caenorhabditis elegans. Antioxidants (Basel, Switzerland), 12(12).

Yang R, et al. (2022) The p38 MAPK/PMK-1 Pathway Is Required for Resistance to Nocardia farcinica Infection in Caenorhabditis elegans. Pathogens (Basel, Switzerland), 11(10).

Beaudoin-Chabot C, et al. (2022) The unfolded protein response reverses the effects of glucose on lifespan in chemically-sterilized C. elegans. Nature communications, 13(1), 5889.

Jahn A, et al. (2020) Statins Induce a DAF-16/Foxo-dependent Longevity Phenotype via JNK-1 through Mevalonate Depletion in C. elegans. Aging and disease, 11(1), 60.

Bianco JN, et al. (2018) MPK-1/ERK pathway regulates DNA damage response during development through DAF-16/FOXO. Nucleic acids research, 46(12), 6129.