

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

[PR674](#)

RRID:WB-STRAIN:WBStrain00030783

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00030783

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00030783>

Proper Citation: RRID:WB-STRAIN:WBStrain00030783

Description: Caenorhabditis elegans with name che-1(p674) I. from WB.

Species: Caenorhabditis elegans

Synonyms: che-1(p674) I.

Notes: Defective in chemotaxis to all attractants except pyridine and D-tryptophan. Thermotaxis okay.|"Made_by: Dusenbery D"

Affected Gene: WBGene00000483(che-1)

Genomic Alteration: WBGene00000483(che-1)

Catalog Number: WB-STRAIN:WBStrain00030783

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:17246100](#), [PMID:38446031](#)

Alternate IDs: WB-STRAIN:PR674, CGC_PR674

Organism Name: PR674

Record Creation Time: 20230227T013611+0000

Record Last Update: 20260815T163125+0000

Ratings and Alerts

No rating or validation information has been found for PR674.

No alerts have been found for PR674.

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.

Xue W, et al. (2025) Calcium levels in ASER neurons determine behavioral valence by engaging distinct neuronal circuits in C. elegans. Nature communications, 16(1), 1814.

Otarigho B, et al. (2024) Neuronal NPR-15 modulates molecular and behavioral immune responses via the amphid sensory neuron-intestinal axis in C. elegans. eLife, 12.

Zhu J, et al. (2023) A PDMS-Agar Hybrid Microfluidic Device for the Investigation of Chemical-Mechanical Associative Learning Behavior of C. elegans. Micromachines, 14(8).

Otarigho B, et al. (2023) Neuronal NPR-15 modulates molecular and behavioral immune responses via the amphid sensory neuron-intestinal axis in C. elegans. bioRxiv : the preprint server for biology.