

Resource Summary Report

Generated by [RRID](#) on Aug 6, 2026

CB1387

RRID:WB-STRAIN:WBStrain00004318

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004318>

Proper Citation: RRID:WB-STRAIN:WBStrain00004318

Description: Caenorhabditis elegans with name daf-10(e1387) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: daf-10(e1387) IV.

Notes: Amphid defect. Chemotaxis defective (Na⁺). Crowds. Dauer defective. Very leaky. M-MATING+POOR 1%WT.

Affected Gene: WBGene00000906(daf-10)

Genomic Alteration: WBGene00000906(daf-10)

Catalog Number: WB-STRAIN:WBStrain00004318

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:7219552](#), [PMID:36652499](#), [PMID:38177330](#), [PMID:38302462](#)

Alternate IDs: WB-STRAIN:CB1387, CGC_CB1387

Organism Name: CB1387

Record Creation Time: 20230227T013251+0000

Record Last Update: 20260801T171124+0000

Ratings and Alerts

No rating or validation information has been found for CB1387.

No alerts have been found for CB1387.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Medrano E, et al. (2025) Osmolarity regulates *Caenorhabditis elegans* egg-laying behavior via chemosensory and biophysical mechanisms. *The Journal of experimental biology*, 228(21).

Yang Y, et al. (2024) Autophagy protein ATG-16.2 and its WD40 domain mediate the beneficial effects of inhibiting early-acting autophagy genes in *C. elegans* neurons. *Nature aging*, 4(2), 198.

Suryawinata N, et al. (2024) Dietary *E. coli* promotes age-dependent chemotaxis decline in *C. elegans*. *Scientific reports*, 14(1), 5529.