

Resource Summary Report

Generated by [dkNET](#) on Aug 8, 2026

CX10

RRID:WB-STRAIN:WBStrain00005214

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005214

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005214>

Proper Citation: RRID:WB-STRAIN:WBStrain00005214

Description: Caenorhabditis elegans with name osm-9(ky10) from WB.

Species: Caenorhabditis elegans

Synonyms: osm-9(ky10)

Notes: diac-."Made_by: Heather Colber"|"WBStrain provided so WBPaper00061436 paper added based on AFP_Strain data."

Affected Gene: WBGene00003889(osm-9)

Genomic Alteration: WBGene00003889(osm-9)

Catalog Number: WB-STRAIN:WBStrain00005214

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:7718242](#), [PMID:34423577](#), [PMID:36652499](#), [PMID:37956108](#), [PMID:38302462](#), [PMID:38396085](#), [PMID:38935621](#), [PMID:40485984](#)

Alternate IDs: WB-STRAIN:CX10, CGC_CX10

Organism Name: CX10

Record Creation Time: 20230227T013258+0000

Record Last Update: 20260801T171137+0000

Ratings and Alerts

No rating or validation information has been found for CX10.

No alerts have been found for CX10.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

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

Liu Y, et al. (2025) Nicotine induces abnormal motor coupling through sensitization of a mechanosensory circuit in *Caenorhabditis elegans*. *PLoS biology*, 23(10), e3003423.

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.

Brown VE, et al. (2025) The AWC OFF neuron is important for attraction to 1-butanol in *Caenorhabditis elegans*. *microPublication biology*, 2025.

Le E, et al. (2023) The neuropeptide receptor npr-38 regulates avoidance and stress-induced sleep in *Caenorhabditis elegans*. *Current biology : CB*, 33(15), 3155.

Wu T, et al. (2023) Pathogenic bacteria modulate pheromone response to promote mating. *Nature*, 613(7943), 324.