

Resource Summary Report

Generated by [NIF](#) on Aug 14, 2026

CX4148

RRID:WB-STRAIN:WBStrain00005261

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005261

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005261>

Proper Citation: RRID:WB-STRAIN:WBStrain00005261

Description: Caenorhabditis elegans with name npr-1(ky13) X. from WB.

Species: Caenorhabditis elegans

Synonyms: npr-1(ky13) X.

Notes: Made_by:

Affected Gene: WBGene00003807(npr-1)

Genomic Alteration: WBGene00003807(npr-1)

Catalog Number: WB-STRAIN:WBStrain00005261

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:36652499](#), [PMID:37155851](#), [PMID:38302462](#),
[PMID:38446031](#), [PMID:38573858](#)

Alternate IDs: WB-STRAIN:CX4148, CGC_CX4148

Organism Name: CX4148

Record Creation Time: 20230227T013258+0000

Record Last Update: 20260808T170809+0000

Ratings and Alerts

No rating or validation information has been found for CX4148.

No alerts have been found for CX4148.

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](#) .

Pradhan S, et al. (2025) Pathogen infection induces sickness behaviors through neuromodulators linked to stress and satiety in *C. elegans*. *Nature communications*, 16(1), 3200.

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.

Ji H, et al. (2023) A proprioceptive feedback circuit drives *Caenorhabditis elegans* locomotor adaptation through dopamine signaling. *Proceedings of the National Academy of Sciences of the United States of America*, 120(20), e2219341120.

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*.

Bettinger JC, et al. (2012) Lipid environment modulates the development of acute tolerance to ethanol in *Caenorhabditis elegans*. *PloS one*, 7(5), e35192.