

Resource Summary Report

Generated by [NIF](#) on Aug 25, 2026

RB1792

RRID:WB-STRAIN:WBStrain00032483

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032483

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032483>

Proper Citation: RRID:WB-STRAIN:WBStrain00032483

Description: Caenorhabditis elegans with name inx-7(ok2319) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: inx-7(ok2319) IV.

Notes: K02B2.4. Homozygous. Outer Left Sequence: AGCTAGTCATGGGGAGCAAA. Outer Right Sequence: ACGTCTGAAGGTTCTGTGCTT. Inner Left Sequence: GGCTGTCTTCGGAATTTTGTG. Inner Right Sequence: CAAGTGCGTCGTTCATCATC. Inner Primer PCR Length: 3021 bp. Deletion Size: 1610 bp. Deletion left flank: AGTTCTGAAAATTGAAATTATTTTAAATTT. Deletion right flank: TTTTTTGACAAATCTCGGTTCGATTTCACCC. Insertion Sequence: T."Made_by: OMRF Knockout Group"|"This strain was provided by the C. elegans Gene Knockout Project at the Oklahoma Medical Research Foundation, which was part of the International C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."

Affected Gene: WBGene00002129(inx-7)

Genomic Alteration: WBGene00002129(inx-7)

Catalog Number: WB-STRAIN:WBStrain00032483

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37103980](#), [PMID:38573858](#)

Alternate IDs: WB-STRAIN:RB1792, CGC_RB1792

Organism Name: RB1792

Record Creation Time: 20230227T013624+0000

Record Last Update: 20260815T163157+0000

Ratings and Alerts

No rating or validation information has been found for RB1792.

No alerts have been found for RB1792.

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 [NIF](#) .

Rosero M, et al. (2026) AFD thermosensory neurons mediate tactile-dependent locomotion modulation in *C. elegans*. *eLife*, 14.

Nakayama A, et al. (2024) A hyperpolarizing neuron recruits undocked innexin hemichannels to transmit neural information in *Caenorhabditis elegans*. *Proceedings of the National Academy of Sciences of the United States of America*, 121(21), e2406565121.

Motomura H, et al. (2022) Head-tail-head neural wiring underlies gut fat storage in *Caenorhabditis elegans* temperature acclimation. *Proceedings of the National Academy of Sciences of the United States of America*, 119(32), e2203121119.