

Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

RB1289

RRID:WB-STRAIN:WBStrain00031988

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031988

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00031988>

Proper Citation: RRID:WB-STRAIN:WBStrain00031988

Description: Caenorhabditis elegans with name C43C3.2(ok1388) X. from WB.

Species: Caenorhabditis elegans

Synonyms: C43C3.2(ok1388) X.

Notes: C43C3.2 Homozygous. Outer Left Sequence: cataccaagtagcggtgaa. Outer Right Sequence: tgaaagtcaactggtggcag. Inner Left Sequence: ccacgtcgctgttaagttt. Inner Right Sequence: acagttgcagaagcgagaca. Inner Primer PCR Length: 2850. Estimated Deletion Size: about 900 bp. Breakpoint data provided by Neline Kriek 10/2004:

AAGTCANCACTGGAATGCATCTGTATAAGTGTGTCGATGATCTTGGTCGCGAGTTGTTT
GTTGTATTTACTTTGTACTbreakpointACGACGAACACCCGACCTGAATATAGCGAG
CTAATCGCAATACGTAAGTTGTTATCATTCAAGTT.|"C43C3.2 Homozygous. Outer Left

Sequence: cataccaagtagcggtgaa. Outer Right Sequence: tgaaagtcaactggtggcag. Inner
Left Sequence: ccacgtcgctgttaagttt. Inner Right Sequence: acagttgcagaagcgagaca. Inner
Primer PCR Length: 2850. Estimated Deletion Size: about 900 bp. Breakpoint data
provided by Neline Kriek 10/2004:

AAGTCANCACTGGAATGCATCTGTATAAGTGTGTCGATGATCTTGGTCGCGAGTTGTTTGTGTA

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: WBGene00008065(npr-18)

Genomic Alteration: WBGene00008065(npr-18)

Catalog Number: WB-STRAIN:WBStrain00031988

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38446031](#)

Alternate IDs: WB-STRAIN:RB1289, CGC_RB1289

Organism Name: RB1289

Record Creation Time: 20230227T013620+0000

Record Last Update: 20260815T163147+0000

Ratings and Alerts

No rating or validation information has been found for RB1289.

No alerts have been found for RB1289.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

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.

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.