

Resource Summary Report

Generated by [dkNET](#) on Aug 24, 2026

RB791

RRID:WB-STRAIN:WBStrain00031504

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031504

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00031504>

Proper Citation: RRID:WB-STRAIN:WBStrain00031504

Description: Caenorhabditis elegans with name hsp-16.48(ok577) V. from WB.

Species: Caenorhabditis elegans

Synonyms: hsp-16.48(ok577) V.

Notes: Made_by: OMRF Knockout Group|"Mutagen:UV/TMP"|"T27E4.3, T27E4.8. Homozygous. Outer Left Sequence: TGGCATTCTTCCTTATTGC. Outer Right Sequence: TGAGAAGCCGAGTAGCTGGT. Inner Left Sequence: GTAAGGCTTTCTGCCGTTTG. Inner Right Sequence: TGAGGGCCCTGTAGAAGTTG. Inner primer WT PCR product: 3051."|"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."|"WBStrain provided so WBPaper00061877 paper added based on AFP_Strain data."

Affected Gene: WBGene00002019(hsp-16.48)

Genomic Alteration: WBGene00002019(hsp-16.48)

Catalog Number: WB-STRAIN:WBStrain00031504

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32009302](#), [PMID:38987256](#)

Alternate IDs: WB-STRAIN:RB791, CGC_RB791

Organism Name: RB791

Record Creation Time: 20230227T013616+0000

Record Last Update: 20260815T163138+0000

Ratings and Alerts

No rating or validation information has been found for RB791.

No alerts have been found for RB791.

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](#) .

Horikawa M, et al. (2024) Regulatory mechanism of cold-inducible diapause in *Caenorhabditis elegans*. *Nature communications*, 15(1), 5793.

Chen L, et al. (2023) Investigation into the communication between unheated and heat-stressed *Caenorhabditis elegans* via volatile stress signals. *Scientific reports*, 13(1), 3225.