

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

RB1843

RRID:WB-STRAIN:WBStrain00032533

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032533

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032533>

Proper Citation: RRID:WB-STRAIN:WBStrain00032533

Description: Caenorhabditis elegans with name lin-42(ok2385) II. from WB.

Species: Caenorhabditis elegans

Synonyms: lin-42(ok2385) II.

Notes: F47F6.1. Homozygous. Outer Left Sequence: CGGTTACGCATTGAAAGACA. Outer Right Sequence: AGTCCCTTTTGCCTGGATCT. Inner Left Sequence: TTTTGCAGGAAACGTAAAGGA. Inner Right Sequence: AGGGGCCTGATCCTAAGAAA. Inner Primer PCR Length: 3109 bp. Deletion Size: 2632 bp. Deletion left flank: CCGGGTTCAGGCCCATATAGGCCTATAGGC. Deletion right flank: ACGGGGGGCTACCCGGCTGGGTGGGAAGGG.|"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: WBGene00018572(lin-42)

Genomic Alteration: WBGene00018572(lin-42)

Catalog Number: WB-STRAIN:WBStrain00032533

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:31735670](#), [PMID:38839826](#)

Alternate IDs: WB-STRAIN:RB1843, CGC_RB1843

Organism Name: RB1843

Record Creation Time: 20230227T013624+0000

Record Last Update: 20260905T115249+0000

Ratings and Alerts

No rating or validation information has been found for RB1843.

No alerts have been found for RB1843.

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](#) .

Spangler RK, et al. (2025) A conserved chronobiological complex times C. elegans development. The EMBO journal, 44(22), 6368.

Spangler RK, et al. (2024) A conserved chronobiological complex times C. elegans development. bioRxiv : the preprint server for biology.

Lamberti ML, et al. (2024) Clock gene homologs lin-42 and kin-20 regulate circadian rhythms in C. elegans. Scientific reports, 14(1), 12936.