

Resource Summary Report

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

RB1487

RRID:WB-STRAIN:WBStrain00032184

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032184

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032184>

Proper Citation: RRID:WB-STRAIN:WBStrain00032184

Description: Caenorhabditis elegans with name asm-3(ok1744) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: asm-3(ok1744) IV.

Notes: Made_by: OMRF Knockout Group|"Reference WBPaper00059117 added based on published strain data identified by Textpresso literature search."|"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."|"W03G1.7 Homozygous. Outer Left Sequence: aagccagaattccgtgttg. Outer Right Sequence: tcgtcctttctctgcattt. Inner Left Sequence: cttgcactcctccttccac. Inner Right Sequence: ggtgacagaatgcgaggaat. Inner Primer PCR Length: 3344. Estimated Deletion Size: about 1400 bp."

Affected Gene: WBGene00000213(asm-3)

Genomic Alteration: WBGene00000213(asm-3)

Catalog Number: WB-STRAIN:WBStrain00032184

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:31940482](#)

Alternate IDs: WB-STRAIN:RB1487, CGC_RB1487

Organism Name: RB1487

Record Creation Time: 20230227T013621+0000

Record Last Update: 20260815T163151+0000

Ratings and Alerts

No rating or validation information has been found for RB1487.

No alerts have been found for RB1487.

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 [NIF](#) .

Peters L, et al. (2025) Polyketide synthase-derived sphingolipids mediate microbiota protection against a bacterial pathogen in *C. elegans*. *Nature communications*, 16(1), 5151.

Staab TA, et al. (2023) The lipidomes of *C. elegans* with mutations in *asm-3*/acid sphingomyelinase and *hyl-2*/ceramide synthase show distinct lipid profiles during aging. *Aging*, 15(3), 650.