

Resource Summary Report

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RB1036

RRID:WB-STRAIN:WBStrain00031744

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031744

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00031744>

Proper Citation: RRID:WB-STRAIN:WBStrain00031744

Description: Caenorhabditis elegans with name hyl-1(ok976) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: hyl-1(ok976) IV.

Notes: C09G4.1. Homozygous. Outer Left Sequence: CATAGGCGGTCTAGGAGCAG. Outer Right Sequence: ATGGCGAGCTTTTCTGTCAT. Inner Left Sequence: GCCCCGTAAATAAGCACAAA. Inner Right Sequence: TCGTGTTCTTTCACGTCTCG. Inner Primer WT PCR Product: 2824. Deletion size: 863 bp.|"Made_by: OMRF Knockout Group"|"Mutagen:UV/TMP"|"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: WBGene00002043(hyl-1)

Genomic Alteration: WBGene00002043(hyl-1)

Catalog Number: WB-STRAIN:WBStrain00031744

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:RB1036, CGC_RB1036

Organism Name: RB1036

Record Creation Time: 20230227T013618+0000

Record Last Update: 20260815T163143+0000

Ratings and Alerts

No rating or validation information has been found for RB1036.

No alerts have been found for RB1036.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

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