

Resource Summary Report

Generated by [PRECISE-TBI](#) on Jul 30, 2026

RB1999

RRID:WB-STRAIN:WBStrain00032683

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032683

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032683>

Proper Citation: RRID:WB-STRAIN:WBStrain00032683

Description: Caenorhabditis elegans with name grl-7(ok2644) V. from WB.

Species: Caenorhabditis elegans

Synonyms: grl-7(ok2644) V.

Notes: Made_by: OMRF Knockout Group|T02E9.2. Homozygous. Outer Left Sequence: AGACCCTCCGTACCTGGTTT. Outer Right Sequence: CTTTGAATGGCAGTGTGACG. Inner Left Sequence: AAGCTCGGAAGCGTGCTG. Inner Right Sequence: CTATTGCATAACCGCCCATC. Inner Primer PCR Length: 1207 bp. Deletion Size: 424 bp. Deletion left flank: CGATTCCTGAGCTGTAGCAACTTCCGCGAC. Deletion right flank: CGGAATAGCATTCTGGAAATAGAATCAACA."|"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: WBGene00001716(grl-7)

Genomic Alteration: WBGene00001716(grl-7)

Catalog Number: WB-STRAIN:WBStrain00032683

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:RB1999, CGC_RB1999

Organism Name: RB1999

Record Creation Time: 20230227T013625+0000

Record Last Update: 20260725T172317+0000

Ratings and Alerts

No rating or validation information has been found for RB1999.

No alerts have been found for RB1999.

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 [PRECISE-TBI](#) .

Serra ND, et al. (2024) *Caenorhabditis elegans* Hedgehog-related proteins are tissue- and substructure-specific components of the cuticle and precuticle. *Genetics*, 227(4).

Serra ND, et al. (2023) *C. elegans* Hedgehog-related proteins are tissue- and substructure-specific components of the cuticle and pre-cuticle. *bioRxiv : the preprint server for biology*.