

Resource Summary Report

Generated by [NIF](#) on Aug 28, 2026

RB2519

RRID:WB-STRAIN:WBStrain00033194

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00033194

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00033194>

Proper Citation: RRID:WB-STRAIN:WBStrain00033194

Description: Caenorhabditis elegans with name drh-1(ok3495) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: drh-1(ok3495) IV.

Notes: F15B10.2 Homozygous. Outer Left Sequence: tcaccgatccagttgcatta. Outer Right Sequence: aaccaacagtatccctcca. Inner Left Sequence: taatgctgtgtgctcatccg. Inner Right Sequence: acacgcaacgcagttttatt. Inner Primer PCR Length: 1136. Estimated Deletion Size: about 600 bp.|"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: WBGene00001090(drh-1)

Genomic Alteration: WBGene00001090(drh-1)

Catalog Number: WB-STRAIN:WBStrain00033194

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:39331715](#)

Alternate IDs: WB-STRAIN:RB2519, CGC_RB2519

Organism Name: RB2519

Record Creation Time: 20230227T013629+0000

Record Last Update: 20260815T163211+0000

Ratings and Alerts

No rating or validation information has been found for RB2519.

No alerts have been found for RB2519.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Sakhawala RM, et al. (2025) A noncanonical Pol III-dependent, Microprocessor-independent biogenesis pathway generates a germline-enriched miRNA family. *Genes & development*, 39(19-20), 1198.

Castiglioni VG, et al. (2024) Story of an infection: Viral dynamics and host responses in the *Caenorhabditis elegans*-Orsay virus pathosystem. *Science advances*, 10(39), eadn5945.

Casorla-Perez LA, et al. (2022) Orsay Virus Infection of *Caenorhabditis elegans* Is Modulated by Zinc and Dependent on Lipids. *Journal of virology*, 96(22), e0121122.

Jiang H, et al. (2020) Huntingtin-interacting protein family members have a conserved pro-viral function from *Caenorhabditis elegans* to humans. *Proceedings of the National Academy of Sciences of the United States of America*, 117(36), 22462.

Ashe A, et al. (2015) Antiviral RNA Interference against Orsay Virus Is neither Systemic nor Transgenerational in *Caenorhabditis elegans*. *Journal of virology*, 89(23), 12035.