

Resource Summary Report

Generated by [NIF](#) on Aug 27, 2026

RB711

RRID:WB-STRAIN:WBStrain00031446

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00031446

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00031446>

Proper Citation: RRID:WB-STRAIN:WBStrain00031446

Description: Caenorhabditis elegans with name pqm-1(ok485) II. from WB.

Species: Caenorhabditis elegans

Synonyms: pqm-1(ok485) II.

Notes: F40F8.7. Homozygous. Outer Left Sequence: GCCACACACCTAACCGACTT. Outer Right Sequence: CAAACCCACTTCCCATCCTA. Inner Left Sequence: TGGACGAGAAGCTGATGATG. Inner Right Sequence: GTGCTCTCCAATTGCTCTCC. Inner primer WT PCR product: 2626.|"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."|"WBStrain mapped, WBPaper00061439 added based on AFP_Strain data."

Affected Gene: WBGene00004096(pqm-1)

Genomic Alteration: WBGene00004096(pqm-1)

Catalog Number: WB-STRAIN:WBStrain00031446

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:34038721](#)

Alternate IDs: WB-STRAIN:RB711, CGC_RB711

Organism Name: RB711

Record Creation Time: 20230227T013616+0000

Record Last Update: 20260815T163137+0000

Ratings and Alerts

No rating or validation information has been found for RB711.

No alerts have been found for RB711.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Tataridas-Pallas N, et al. (2024) Mitochondrial clearance and increased HSF-1 activity are coupled to promote longevity in fasted *Caenorhabditis elegans*. *iScience*, 27(6), 109834.

Mahapatra A, et al. (2023) ADAR-mediated regulation of PQM-1 expression in neurons impacts gene expression throughout *C. elegans* and regulates survival from hypoxia. *PLoS biology*, 21(9), e3002150.

Thies JL, et al. (2023) Xanthine Dehydrogenase Is a Modulator of Dopaminergic Neurodegeneration in Response to Bacterial Metabolite Exposure in *C. elegans*. *Cells*, 12(8).

Mahapatra A, et al. (2023) ADARs employ a neural-specific mechanism to regulate PQM-1 expression and survival from hypoxia. *bioRxiv : the preprint server for biology*.

Pu L, et al. (2023) Hypoxia induces food leaving in *C. elegans*. *microPublication biology*, 2023.

Ow MC, et al. (2021) Somatic aging pathways regulate reproductive plasticity in *Caenorhabditis elegans*. *eLife*, 10.