Resource Summary Report

Generated by NIF on Sep 14, 2026

RB1990

RRID:WB-STRAIN:WBStrain00032674
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032674

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00032674

Proper Citation: RRID:WB-STRAIN:WBStrain00032674

Description: Caenorhabditis elegans with name flp-7(ok2625) X. from WB.

Species: Caenorhabditis elegans

Synonyms: flp-7(ok2625) X.

Notes: F49E10.3. Homozygous. Outer Left Sequence: GAAGGCGGAGTCATAGCATC. Outer Right Sequence: TGAAGGACTGGAAAACAGGC. Inner Left Sequence: ATGAGAAGAAGGGGGTGGAG. Inner Right Sequence: TTGGGTAGCGACCAATCTGT. Inner Primer PCR Length: 1302 bp. Deletion Size: 548 bp. Deletion left flank: TCCTATTTTTTCTATTTTTTATATTTTTCA. Deletion right flank: TGCAAACACCTTGATTACCAAGAACAAAAC.|"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: WBGene00001450(flp-7)

Genomic Alteration: WBGene00001450(flp-7)

Catalog Number: WB-STRAIN:WBStrain00032674

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:RB1990, CGC_RB1990

Organism Name: RB1990

Record Creation Time: 20230227T013625+0000

Record Last Update: 20260912T181644+0000

Ratings and Alerts

No rating or validation information has been found for RB1990.

No alerts have been found for RB1990.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Bhat US, et al. (2025) FLP-15 functions through the GPCR NPR-3 to regulate local and global search behaviours in Caenorhabditis elegans. bioRxiv : the preprint server for biology.

Banerjee N, et al. (2024) Distinct neurogenetic mechanisms establish the same chemosensory valence state at different life stages in Caenorhabditis elegans. G3 (Bethesda, Md.), 14(2).

Cockx B, et al. (2023) Mass Spectrometry-Driven Discovery of Neuropeptides Mediating Nictation Behavior of Nematodes. Molecular & cellular proteomics : MCP, 22(2), 100479.

Motomura H, et al. (2022) Head-tail-head neural wiring underlies gut fat storage in Caenorhabditis elegans temperature acclimation. Proceedings of the National Academy of Sciences of the United States of America, 119(32), e2203121119.