

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

OH441

RRID:WB-STRAIN:WBStrain00029294

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00029294

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00029294>

Proper Citation: RRID:WB-STRAIN:WBStrain00029294

Description: Caenorhabditis elegans with name otIs45 V. from WB.

Species: Caenorhabditis elegans

Synonyms: otIs45 V.

Notes: otIs45 [unc-119::GFP]. Pan-neural expression. No injection marker.|"WBStrain mapped, WBPaper00059548 added based on AFP_Strain data."

Affected Gene: WBGene00006843(unc-119)

Genomic Alteration: WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00029294

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:26024448](#), [PMID:39418305](#)

Alternate IDs: WB-STRAIN:OH441, CGC_OH441

Organism Name: OH441

Record Creation Time: 20230227T013600+0000

Record Last Update: 20260808T171340+0000

Ratings and Alerts

No rating or validation information has been found for OH441.

No alerts have been found for OH441.

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 [NIF](#) .

Taylor SKB, et al. (2024) The neurotrophic factor MANF regulates autophagy and lysosome function to promote proteostasis in *Caenorhabditis elegans*. Proceedings of the National Academy of Sciences of the United States of America, 121(43), e2403906121.

Rautela U, et al. (2024) A non-canonical role of somatic Cyclin D/CYD-1 in oogenesis and in maintenance of reproductive fidelity, dependent on the FOXO/DAF-16 activation state. PLoS genetics, 20(11), e1011453.