

Resource Summary Report

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

VL491

RRID:WB-STRAIN:WBStrain00040127

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040127

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040127>

Proper Citation: RRID:WB-STRAIN:WBStrain00040127

Description: Caenorhabditis elegans with name nhr-86(tm2590) V. from WB.

Species: Caenorhabditis elegans

Synonyms: nhr-86(tm2590) V.

Notes: Increased Nile Red and Oil-Red-O staining. Him. Reference: Arda HE, et al. (2010) Mol Syst Biol 6:367.|"Supplementary_genotype [nhr-86(tm2590) V.]"

Affected Gene: WBGene00003676(nhr-86)

Genomic Alteration: WBGene00003676(nhr-86)

Catalog Number: WB-STRAIN:WBStrain00040127

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37704756](#)

Alternate IDs: WB-STRAIN:VL491, CGC_VL491

Organism Name: VL491

Record Creation Time: 20230227T013722+0000

Record Last Update: 20260725T172459+0000

Ratings and Alerts

No rating or validation information has been found for VL491.

No alerts have been found for VL491.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Peterson ND, et al. (2023) Non-canonical pattern recognition of a pathogen-derived metabolite by a nuclear hormone receptor identifies virulent bacteria in *C. elegans*. *Immunity*, 56(4), 768.