

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

VC2654

RRID:WB-STRAIN:WBStrain00037477

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037477

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037477>

Proper Citation: RRID:WB-STRAIN:WBStrain00037477

Description: Caenorhabditis elegans with name ubl-5(ok3389) I. from WB.

Species: Caenorhabditis elegans

Synonyms: ubl-5(ok3389) I.

Notes: F46F11.4. External left primer: GGAGCGAAGAAAGAGGGAGT. External right primer: GTGCATGCGCCTTTAAGTTT. Internal left primer: GCAGAAATTAATGGGGTGGGA. Internal right primer: GCGTCGAGTTGTGTGTTTTT. Internal WT amplicon: 1248 bp. Deletion size: 294 bp. Deletion left flank: TTTTTTTTTTATTAACAATAAAAAATGTAT. Deletion right flank: TCAAATTTTCAATTTGTTTCTAATATATAA.|"Supplementary_genotype ubl-5(ok3389) I|"This strain was provided by the C. elegans Reverse Genetics Core Facility at the University of British Columbia, which is part of the international C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."

Affected Gene: WBGene00006726(ubl-5)

Genomic Alteration: WBGene00006726(ubl-5)

Catalog Number: WB-STRAIN:WBStrain00037477

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37831769](#)

Alternate IDs: WB-STRAIN:VC2654, CGC_VC2654

Organism Name: VC2654

Record Creation Time: 20230227T013701+0000

Record Last Update: 20260829T162324+0000

Ratings and Alerts

No rating or validation information has been found for VC2654.

No alerts have been found for VC2654.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Bar-Ziv R, et al. (2023) Glial-derived mitochondrial signals impact neuronal proteostasis and aging. bioRxiv : the preprint server for biology.

Bar-Ziv R, et al. (2023) Glial-derived mitochondrial signals affect neuronal proteostasis and aging. Science advances, 9(41), eadi1411.

Yang R, et al. (2022) NHR-80 senses the mitochondrial UPR to rewire citrate metabolism for lipid accumulation in *Caenorhabditis elegans*. Cell reports, 38(2), 110206.