Resource Summary Report

Generated by ASWG on Sep 4, 2026

VC754

RRID:WB-STRAIN:WBStrain00036038
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00036038

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00036038

Proper Citation: RRID:WB-STRAIN:WBStrain00036038

Description: Caenorhabditis elegans with name ctl-2(ok1137) II. from WB.

Species: Caenorhabditis elegans

Synonyms: ctl-2(ok1137) II.

Notes: Mutagen:UV/TMP|"Reference WBPaper00058832 added based on published strain data identified by Textpresso literature search."|"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."|"Y54G11A.5a. Superficially wild type."

Affected Gene: WBGene00000831(ctl-2)

Genomic Alteration: WBGene00000831(ctl-2)

Catalog Number: WB-STRAIN:WBStrain00036038

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:22369044, PMID:31704915

Alternate IDs: WB-STRAIN:VC754, CGC_VC754

Organism Name: VC754

Record Creation Time: 20230227T013651+0000

Record Last Update: 20260829T162252+0000

Ratings and Alerts

No rating or validation information has been found for VC754.

No alerts have been found for VC754.

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 ASWG .

Liu Y, et al. (2024) Neuronal PRDX-2-Mediated ROS Signaling Regulates Food Digestion via peripheral UPRmt Activation. Nature communications, 15(1), 10582.

Tsai Y, et al. (2023) Octopamine-MAPK-SKN-1 signaling suppresses mating-induced oxidative stress in Caenorhabditis elegans gonads to protect fertility. iScience, 26(3), 106162.

Branicky R, et al. (2022) Stimulation of RAS-dependent ROS signaling extends longevity by modulating a developmental program of global gene expression. Science advances, 8(48), eadc9851.

Chen H, et al. (2022) Betulinic acid increases lifespan and stress resistance via insulin/IGF-1 signaling pathway in Caenorhabditis elegans. Frontiers in nutrition, 9, 960239.

Berg M, et al. (2019) TGF??/BMP immune signaling affects abundance and function of C. elegans gut commensals. Nature communications, 10(1), 604.

Song S, et al. (2014) Molecular basis for antioxidant enzymes in mediating copper detoxification in the nematode Caenorhabditis elegans. PloS one, 9(9), e107685.