

Resource Summary Report

Generated by [dkNET](#) on Aug 21, 2026

VC3177

RRID:WB-STRAIN:WBStrain00037708

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037708

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037708>

Proper Citation: RRID:WB-STRAIN:WBStrain00037708

Description: Caenorhabditis elegans with name R04B5.5(gk3064) V/nT1 [qls51] (IV;V). from WB.

Species: Caenorhabditis elegans

Synonyms: R04B5.5(gk3064) V/nT1 [qls51] (IV;V).

Notes: Mutagen:UV/TMP|"R04B5.5. Homozygous lethal deletion chromosome balanced by GFP-marked translocation. Heterozygotes are WT with pharyngeal GFP signal, and segregate WT GFP, arrested nT1[qls51] aneuploids, and non-GFP gk3064 homozygotes (mid- to late-larval arrest). Homozygous nT1[qls51] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: CTGGAAACTTGATCTATCGGG. External right primer: CCATTGACTGACTTTTTCTCCC. Internal left primer: AGAAGAGATAAGCGCACGGA. Internal right primer: CATGTTTCCTCTCGGCATTT. Internal WT amplicon: 1679 bp. Deletion size: 894 bp. Deletion left flank: AATGGGACACCGAGTTCTTGTTCCTCGGAGC. Deletion right flank: TATTAAAATGCCGAGAGGAAACATGATGTC. Insertion Sequence: AGGACCAATTGGAGTCTTGAATCTTCTTACTGCTAAAGCGATAGGTGCATCAAAAGTAG TAATCACTGATTTGAACGACGAGAGACTTGCTCTTGACGCCTATTAGNAGCTGATGCT ACAATCAATGTTATGTAATAAAGAAGTT."|"R04B5.5. Homozygous lethal deletion chromosome balanced by GFP-marked translocation. Heterozygotes are WT with pharyngeal GFP signal, and segregate WT GFP, arrested nT1[qls51] aneuploids, and non-GFP gk3064 homozygotes (mid- to late-larval arrest). Homozygous nT1[qls51] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: CTGGAAACTTGATCTATCGGG. External right primer: CCATTGACTGACTTTTTCTCCC. Internal left primer: AGAAGAGATAAGCGCACGGA. Internal right primer: CATGTTTCCTCTCGGCATTT. Internal WT amplicon: 1679 bp. Deletion size: 894 bp. Deletion left flank: AATGGGACACCGAGTTCTTGTTCCTCGGAGC.

Deletion right flank: TATTTAAATGCCGAGAGGAAACATGATGTC. Insertion Sequence: AGGACCAATTGGAGTCTTGAATCTTCTTACTGCTAAAGCGATAGGTGCATCAAAAGTAGTAATCA 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: WBGene00011003(R04B5.5)

Genomic Alteration: WBGene00011003(R04B5.5)

Catalog Number: WB-STRAIN:WBStrain00037708

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC3177, CGC_VC3177

Organism Name: VC3177

Record Creation Time: 20230227T013703+0000

Record Last Update: 20260815T163331+0000

Ratings and Alerts

No rating or validation information has been found for VC3177.

No alerts have been found for VC3177.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.