

Resource Summary Report

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VC2321

RRID:WB-STRAIN:WBStrain00037252

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037252

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037252>

Proper Citation: RRID:WB-STRAIN:WBStrain00037252

Description: Caenorhabditis elegans with name gcy-18(ok3047) IV/nT1 [qls51] (IV;V). from WB.

Species: Caenorhabditis elegans

Synonyms: gcy-18(ok3047) IV/nT1 [qls51] (IV;V).

Notes: 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."ZK896.8. Homozygous sterile 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 ok3047 homozygotes (sterile, lays eggs that don't hatch). Homozygous nT1[qls51] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: ATCGCTAATCCACTGGAACG. External right primer: CGATCCTCCAACCAGAATGT. Internal left primer: CTGCAAAAGATTTCGGACGAT. Internal right primer: GTGCCCTTTCCTTTCACCTTG. Internal WT amplicon: 1263 bp. Deletion size: 517 bp. Deletion left flank: TTTCAGCAATAATCTATATGGCTCCTGAAC. Deletion right flank: GAATGTTAGAAGAAGCCAACATCCGTGCTG."

Affected Gene: WBGene00001543(gcy-18)

Genomic Alteration: WBGene00001543(gcy-18)

Catalog Number: WB-STRAIN:WBStrain00037252

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:21173231](#)

Alternate IDs: WB-STRAIN:VC2321, CGC_VC2321

Organism Name: VC2321

Record Creation Time: 20230227T013659+0000

Record Last Update: 20260808T171530+0000

Ratings and Alerts

No rating or validation information has been found for VC2321.

No alerts have been found for VC2321.

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.