

Resource Summary Report

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VC2999

RRID:WB-STRAIN:WBStrain00037615

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037615

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037615>

Proper Citation: RRID:WB-STRAIN:WBStrain00037615

Description: Caenorhabditis elegans with name R151.2(gk3067) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: Caenorhabditis elegans

Synonyms: R151.2(gk3067) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

Notes: Mutagen:UV/TMP|R151.2. Homozygous sterile deletion chromosome balanced by bli-4- and GFP-marked translocation. Heterozygotes are WT with pharyngeal GFP signal, and segregate WT GFP, arrested hT2 aneuploids, and non-GFP gk3067 homozygotes (sterile, eggs don't hatch). Homozygous hT2[bli-4 let-? qIs48] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: CACAAAGATCACTCAATCCATCA. External right primer: AACATCGTCGTTTCAGAATCTCAT. Internal left primer: TTTCTCTTGGGACCTTTGGTAA. Internal right primer: AAAATGAGCAGAATCGAATGGT. Internal WT amplicon: 1962 bp. Deletion size: 1090 bp. Deletion left flank: AGTTTTGGCAACTTATCAGTTAGAATAAAA. Deletion right flank: CCTCAAAATTTTCAGATTGGTTGAAGCCGGA."|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: WBGene00000254(bli-4)|WBGene00020107(prps-1)

Genomic Alteration: WBGene00000254(bli-4), WBGene00020107(prps-1)

Catalog Number: WB-STRAIN:WBStrain00037615

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38991033](#)

Alternate IDs: WB-STRAIN:VC2999, CGC_VC2999

Organism Name: VC2999

Record Creation Time: 20230227T013702+0000

Record Last Update: 20260815T163330+0000

Ratings and Alerts

No rating or validation information has been found for VC2999.

No alerts have been found for VC2999.

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 [NIF](#) .

Yanagi KS, et al. (2024) Mutations in nucleotide metabolism genes bypass proteasome defects in png-1/NGLY1-deficient *Caenorhabditis elegans*. PLoS biology, 22(7), e3002720.