

Resource Summary Report

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VC3199

RRID:WB-STRAIN:WBStrain00037719

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037719>

Proper Citation: RRID:WB-STRAIN:WBStrain00037719

Description: Caenorhabditis elegans with name tbx-33(gk3098) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: Caenorhabditis elegans

Synonyms: tbx-33(gk3098) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

Notes: Mutagen:UV/TMP|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."|Y66A7A.8. Homozygous lethal 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 gk3098 homozygotes (embryonic or early larval arrest). Homozygous hT2[bli-4 let-? qIs48] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: ATATTGAAAAGCTAGGAACTTGGCG. External right primer: CCTACCAGAATCAGTATGCACATC. Internal left primer: CTGAATTTGTTCCATTGTTAGAAAGA. Internal right primer: CTTAAAGTCAAAAACAAACGTTCAAA. Internal WT amplicon: 1543 bp. Deletion size: 474 bp. Deletion left flank: AGGATTAGGCATAGGTTTAGGCTTAGGGTT. Deletion right flank: TTGTAGTTGGATTCTGGATTGAGATGCTCG. Insertion Sequence: GGGCTTAGGATAAAGCTTTGGCTCACGCTTAGGTTTAGGATTAGGTATAGGTTTAGGCTTAGGGTTAGGCTTAGGGTTAGGCTTAGGC."|Y66A7A.8. Homozygous lethal 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 gk3098 homozygotes (embryonic or early larval arrest). Homozygous hT2[bli-4 let-? qIs48] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: ATATTGAAAAGCTAGGAACTTGGCG. External right primer:

CCTACCAGAATCAGTATGCACATC. Internal left primer:
CTGAATTTGTTCCATTGTTAGAAAGA. Internal right primer:
CTTAAAGTCAAAAACAAACGTTCAAA. Internal WT amplicon: 1543 bp. Deletion size:
474 bp. Deletion left flank: AGGATTAGGCATAGGTTTAGGCTTAGGGTT. Deletion right
flank: TTGTAGTTGGATTCTGGATTGAGATGCTCG. Insertion Sequence:
GGGCTTAGGATAAAGCTTTGGCTCACGCTTAGGTTTAGGATTAGGTATAGGTTTAGGCTTAGGG

Affected Gene: WBGene00000254(bli-4)|WBGene00006552(tbx-33)

Genomic Alteration: WBGene00000254(bli-4), WBGene00006552(tbx-33)

Catalog Number: WB-STRAIN:WBStrain00037719

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC3199, CGC_VC3199

Organism Name: VC3199

Record Creation Time: 20230227T013703+0000

Record Last Update: 20260905T115402+0000

Ratings and Alerts

No rating or validation information has been found for VC3199.

No alerts have been found for VC3199.

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.