

Resource Summary Report

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VC2709

RRID:WB-STRAIN:WBStrain00037509

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037509

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037509>

Proper Citation: RRID:WB-STRAIN:WBStrain00037509

Description: *Caenorhabditis elegans* with name Y110A7A.8(gk1094) I/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: *Caenorhabditis elegans*

Synonyms: Y110A7A.8(gk1094) I/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."|"Y110A7A.8. Apparent 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 gk1094 homozygotes (arrest stage/phenotype undetermined). Homozygous hT2[bli-4 let-? qIs48] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. (Note: in this strain hT2[qIs48] occasionally recombines such that the GFP and its associated lethality are lost and the non-GFP hT2 left behind still carries the bli-4 mutation of the original hT2. Such a recombination event results in a viable non-GFP animal that is no longer gk1094/hT2[qIs48] but is gk1094/hT2.) External left primer: TTTCATTCTCTTCGCGACCT. External right primer: CCACTCCAGCACTGGAAAA. Internal left primer: TGCAGCAATGAAGAGAAACG. Internal right primer: TTTCGCATATGGGTCGAAAT. Internal WT amplicon: 2229 bp. Deletion size: 1953 bp. Deletion left flank: AGCGAACTGCAGCAATGAAGAGAAACGAGA. Deletion right flank: ATATATTTATTTGTTACTTTCCTCTTCCTG. Insertion Sequence: GAACG."

Affected Gene: WBGene00000254(bli-4)|WBGene00022458(prp-31)

Genomic Alteration: WBGene00000254(bli-4), WBGene00022458(prp-31)

Catalog Number: WB-STRAIN:WBStrain00037509

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC2709, CGC_VC2709

Organism Name: VC2709

Record Creation Time: 20230227T013701+0000

Record Last Update: 20260808T171533+0000

Ratings and Alerts

No rating or validation information has been found for VC2709.

No alerts have been found for VC2709.

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.