

Resource Summary Report

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VC1638

RRID:WB-STRAIN:WBStrain00036758

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00036758

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00036758>

Proper Citation: RRID:WB-STRAIN:WBStrain00036758

Description: Caenorhabditis elegans with name ZK1025.4(ok2101) I/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: Caenorhabditis elegans

Synonyms: ZK1025.4(ok2101) I/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

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. "ZK1025.4. 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 ok2101 homozygotes (sterile, lays unfertilized eggs). Homozygous hT2[bli-4 let-? qIs48] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: CTGTGCTGTTTCGGGAAAAAT. External right primer: CAACTTTCCGGCTTGTAGGA. Internal left primer: TTTCCGGGTGAGTGAGTTTC. Internal right primer: GCGTCCGTGAAATTTGAGAT. Internal WT amplicon: 3284 bp. Deletion size: 1617 bp. Deletion left flank: TAAGCTTGCGCTCAGAGGCGAGCGTTAGCT. Deletion right flank: TTTCCGCCAGATCGGCAAATTTGCCGGAAT."

Affected Gene: WBGene00000254(bli-4)|WBGene00014184(gtnt-53)

Genomic Alteration: WBGene00000254(bli-4), WBGene00014184(gtnt-53)

Catalog Number: WB-STRAIN:WBStrain00036758

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC1638, CGC_VC1638

Organism Name: VC1638

Record Creation Time: 20230227T013656+0000

Record Last Update: 20260905T115349+0000

Ratings and Alerts

No rating or validation information has been found for VC1638.

No alerts have been found for VC1638.

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.