

Resource Summary Report

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VC3196

RRID:WB-STRAIN:WBStrain00037717

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037717

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037717>

Proper Citation: RRID:WB-STRAIN:WBStrain00037717

Description: *Caenorhabditis elegans* with name smgl-1(ok2423) l/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: *Caenorhabditis elegans*

Synonyms: smgl-1(ok2423) l/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

Notes: F20G4.1. 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 ok2423 homozygotes (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: TCCAACCAATCCAGCTTTTC. External right primer: CCAAACGAGAAGACGGAGA. Internal left primer: TTCGACTTTTTTCGGCGAT. Internal right primer: ATGGAACATCCTGATGCTGA. Internal WT amplicon: 1173 bp. Deletion size: 637 bp. Deletion left flank: TTCTAAAAATAATTAAATTAGAGTGTTAAA. Deletion right flank: CGTATGGTTGCCACGTCGCGAGATCATGAA."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)|WBGene00008990(smgl-1)

Genomic Alteration: WBGene00000254(bli-4), WBGene00008990(smgl-1)

Catalog Number: WB-STRAIN:WBStrain00037717

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC3196, CGC_VC3196

Organism Name: VC3196

Record Creation Time: 20230227T013703+0000

Record Last Update: 20260815T163331+0000

Ratings and Alerts

No rating or validation information has been found for VC3196.

No alerts have been found for VC3196.

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 [dkNET](#) .

Chang H, et al. (2025) Multi-omics investigation of high-transglutaminase production mechanisms in *Streptomyces mobaraensis* and co-culture-enhanced fermentation strategies. *Frontiers in microbiology*, 16, 1525673.