

Resource Summary Report

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VC1848

RRID:WB-STRAIN:WBStrain00036921

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00036921

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00036921>

Proper Citation: RRID:WB-STRAIN:WBStrain00036921

Description: Caenorhabditis elegans with name mom-5(gk812) l/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: Caenorhabditis elegans

Synonyms: mom-5(gk812) l/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

Notes: Mutagen:UV/TMP|T23D8.1. 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 gk812 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: TGTGTGTGCTCCGTTCTCTC. External right primer: AATCGGTCTGAAGTGGATACG. Internal left primer: GCACTTGGAAACCAATGTCAA. Internal right primer: AATGAACATTCAGGAAGGCG. Internal WT amplicon: 1742 bp. Deletion size: 567 bp. Deletion left flank: TTTTAGCTATTTACTTAAGTTCGGTTTTTT. Deletion right flank: AAAAGTTTGGATTTCAATGGCCAGATCAAT. Insertion Sequence: GAAAAAGTTTGG."|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)|WBGene00003397(mom-5)

Genomic Alteration: WBGene00000254(bli-4), WBGene00003397(mom-5)

Catalog Number: WB-STRAIN:WBStrain00036921

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC1848, CGC_VC1848

Organism Name: VC1848

Record Creation Time: 20230227T013657+0000

Record Last Update: 20260815T163321+0000

Ratings and Alerts

No rating or validation information has been found for VC1848.

No alerts have been found for VC1848.

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](#) .

Singh N, et al. (2024) The Rac pathway prevents cell fragmentation in a nonprotrusively migrating leader cell during C.??elegans gonad organogenesis. Current biology : CB, 34(11), 2387.