

Resource Summary Report

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VC1463

RRID:WB-STRAIN:WBStrain00036616

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00036616

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00036616>

Proper Citation: RRID:WB-STRAIN:WBStrain00036616

Description: Caenorhabditis elegans with name gon-2(ok465) I/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: Caenorhabditis elegans

Synonyms: gon-2(ok465) I/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

Notes: Mutagen:UV/TMP|"Supplementary_genotype gon-2(ok465) I/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III)"|T01H8.5. 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 ok465 homozygotes (sterile adult). Homozygous hT2[bli-4 let-? qIs48] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: TGAGAGGTTAAATCAGCCCG. External right primer: GTTGCTGCATTTGGACTIONTGA. Internal left primer: TGGTGAATAATTGGCTGCAA. Internal right primer: GATGCTTTGGGTTTGTGCTT. Internal WT amplicon: 2829 bp. Deletion size: 507 bp. Deletion left flank: TAATGGTAATCTGACAGAAAACGATTTTTT. Deletion right flank: AGAACTAGAGATATTTTTTGATAAAAACGC."|"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)|WBGene00001651(gon-2)

Genomic Alteration: WBGene00000254(bli-4), WBGene00001651(gon-2)

Catalog Number: WB-STRAIN:WBStrain00036616

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37541249](#)

Alternate IDs: WB-STRAIN:VC1463, CGC_VC1463

Organism Name: VC1463

Record Creation Time: 20230227T013655+0000

Record Last Update: 20260808T171523+0000

Ratings and Alerts

No rating or validation information has been found for VC1463.

No alerts have been found for VC1463.

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 [NIF](#) .

Weng JW, et al. (2023) Body stiffness is a mechanical property that facilitates contact-mediated mate recognition in *Caenorhabditis elegans*. *Current biology* : CB, 33(17), 3585.