Resource Summary Report

Generated by NIF on Sep 3, 2026

VC2405

RRID:WB-STRAIN:WBStrain00037310
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037310

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00037310

Proper Citation: RRID:WB-STRAIN:WBStrain00037310

Description: Caenorhabditis elegans with name chc-1(ok2369) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: Caenorhabditis elegans

Synonyms: chc-1(ok2369) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

Notes: T20G5.1. 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 ok2369 homozygotes (probable 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: CCAAGACTCCGTCAATTCGT. External right primer: CGATTGGCTGCGATACTTTT. Internal left primer: CGTTTACAGCAACCACCTGA. Internal right primer: GTCTTTTGCGGAAATTCCAA. Internal WT amplicon: 3239 bp. Deletion size: 1382 bp. Deletion left flank: AAATAAAATGTGCGATTTCGCAATACCCAT. Deletion right flank: TGTTGTTCGTGAGATGGTAGGTCAAATAAT.|"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)|WBGene00011867(chc-1)

Genomic Alteration: WBGene00000254(bli-4), WBGene00011867(chc-1)

Catalog Number: WB-STRAIN:WBStrain00037310

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:39097626

Alternate IDs: WB-STRAIN:VC2405, CGC_VC2405

Organism Name: VC2405

Record Creation Time: 20230227T013700+0000

Record Last Update: 20260829T162322+0000

Ratings and Alerts

No rating or validation information has been found for VC2405.

No alerts have been found for VC2405.

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 .

Adamo G, et al. (2024) Extracellular vesicles from the microalga Tetraselmis chuii are biocompatible and exhibit unique bone tropism along with antioxidant and anti-inflammatory properties. Communications biology, 7(1), 941.