Resource Summary Report

Generated by dkNET on Aug 16, 2026

VC2053

RRID:WB-STRAIN:WBStrain00037056
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037056

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00037056

Proper Citation: RRID:WB-STRAIN:WBStrain00037056

Description: Caenorhabditis elegans with name wip-1(ok2435) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: Caenorhabditis elegans

Synonyms: wip-1(ok2435) III/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

Notes: R144.4. Homozygous sterile or near-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 ok2435 homozygotes (grotty, Unc, with vulval blip). Homozygous hT2[bli-4 let-? qIs48] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: AACGTATTCCGAAGTGCGAC. External right primer: CCATGAAGAAACCCAGGAAA. Internal left primer: TCAGAAAGATTGTTCCGGTTTT. Internal right primer: GGGGGATTGACGGACTATTT. Internal WT amplicon: 3053 bp. Deletion size: 1544 bp. Deletion left flank: AAATAAGACGGTAAAGAATTTTATCAGAAT. Deletion right flank: TCAGTTCCAAGCTCAAAACCGACTCCACCT.|"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)|WBGene00020094(wip-1)

Genomic Alteration: WBGene00000254(bli-4), WBGene00020094(wip-1)

Catalog Number: WB-STRAIN:WBStrain00037056

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC2053, CGC_VC2053

Organism Name: VC2053

Record Creation Time: 20230227T013658+0000

Record Last Update: 20260815T163323+0000

Ratings and Alerts

No rating or validation information has been found for VC2053.

No alerts have been found for VC2053.

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 .

Kimata T, et al. (2012) Synaptic polarity depends on phosphatidylinositol signaling regulated by myo-inositol monophosphatase in Caenorhabditis elegans. Genetics, 191(2), 509.