Resource Summary Report

Generated by dkNET on Aug 30, 2026

VC2706

RRID:WB-STRAIN:WBStrain00037507
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037507

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00037507

Proper Citation: RRID:WB-STRAIN:WBStrain00037507

Description: Caenorhabditis elegans with name wve-1(ok3308) I/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III). from WB.

Species: Caenorhabditis elegans

Synonyms: wve-1(ok3308) I/hT2 [bli-4(e937) let-?(q782) qIs48] (I;III).

Notes: R06C1.3. 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 ok3308 homozygotes (sterile, no eggs). Homozygous hT2[bli-4 let-? qIs48] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: GAAAAGCTGGGACTTCGTTG. External right primer: TTTTGGCTGCTCGCTTTTAT. Internal left primer: GGGTTTCTAGCGATTTTTCCA. Internal right primer: ACGATTTTCGTGCCAATTTC. Internal WT amplicon: 1322 bp. Deletion size: 556 bp. Deletion left flank: TTGGCCTGCTCGGGGAGCACAAGAGCTGTG. Deletion right flank: CTGTAGGTAAAGTGCTTCTATCCAGAATAT.|"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)|WBGene00006958(wve-1)

Genomic Alteration: WBGene00000254(bli-4), WBGene00006958(wve-1)

Catalog Number: WB-STRAIN:WBStrain00037507

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:38190406

Alternate IDs: WB-STRAIN:VC2706, CGC_VC2706

Organism Name: VC2706

Record Creation Time: 20230227T013701+0000

Record Last Update: 20260829T162325+0000

Ratings and Alerts

No rating or validation information has been found for VC2706.

No alerts have been found for VC2706.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at dkNET .

Zhou Y, et al. (2024) Collagen and actin network mediate antiviral immunity against Orsay virus in C. elegans intestinal cells. PLoS pathogens, 20(1), e1011366.

Zhou Y, et al. (2023) Collagen and actin network mediate antiviral immunity against Orsay in C. elegans intestinal cells. bioRxiv : the preprint server for biology.

Shi R, et al. (2021) A two-step actin polymerization mechanism drives dendrite branching. Neural development, 16(1), 3.