Resource Summary Report

Generated by dkNET on Jul 28, 2026

VC1607

RRID:WB-STRAIN:WBStrain00036730
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00036730

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00036730

Proper Citation: RRID:WB-STRAIN:WBStrain00036730

Description: Caenorhabditis elegans with name nlr-1(tm2050) IV/nT1 [qIs51] (IV;V). from WB.

Species: Caenorhabditis elegans

Synonyms: nlr-1(tm2050) IV/nT1 [qIs51] (IV;V).

Notes: F20B10.1. Homozygous lethal deletion chromosome balanced by GFP-marked translocation. Heterozygotes are WT with pharyngeal GFP signal, and segregate WT GFP, arrested nT1[qIs51] aneuploids, and non-GFP tm2050 homozygotes (early larval arrest). Homozygous nT1[qIs51] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: CAGTTCTGTGACGTCCCAGT. External right primer: GTCGGCGTTAGATGACTATG. Internal left primer: TACGGCAAAGTGAATGGCTT. Internal right primer: ACAGCTGATCTACCACACTC. Internal WT amplicon: 1775 bp. Deletion size: 1078 bp. Deletion left flank: CAATGAGTTAATTTCCAACAAAATTATTTT. Deletion right flank: GTAAGTGAGTACCGAACTGCTCCGGGCTTA.|"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: WBGene00003772(nlr-1)

Genomic Alteration: WBGene00003772(nlr-1)

Catalog Number: WB-STRAIN:WBStrain00036730

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC1607, CGC_VC1607

Organism Name: VC1607

Record Creation Time: 20230227T013655+0000

Record Last Update: 20260725T172415+0000

Ratings and Alerts

No rating or validation information has been found for VC1607.

No alerts have been found for VC1607.

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 .

Bastien BL, et al. (2024) nlr-1/CNTNAP regulates dopamine circuit structure and foraging behaviors in C. elegans. Communications biology, 7(1), 1248.