

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

VC1830

RRID:WB-STRAIN:WBStrain00036907

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00036907

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00036907>

Proper Citation: RRID:WB-STRAIN:WBStrain00036907

Description: Caenorhabditis elegans with name rho-1(ok2418) IV/nT1 [qls51] (IV;V). from WB.

Species: Caenorhabditis elegans

Synonyms: rho-1(ok2418) IV/nT1 [qls51] (IV;V).

Notes: Mutagen:UV/TMP|"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."|"Y51H4A.3. Homozygous lethal deletion chromosome balanced by GFP-marked translocation. Heterozygotes are WT with pharyngeal GFP signal, and segregate WT GFP, arrested nT1[qls51] aneuploids, and non-GFP ok2418 homozygotes (probable embryonic arrest). Homozygous nT1[qls51] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: CGGGAGAGGAGATGTGTGAT. External right primer: GCAAATCCAGGTTTTTCCCT. Internal left primer: ATTGGAATAGAGAAGCGCGA. Internal right primer: TTTTCACCCGAAAATCCAGA. Internal WT amplicon: 3317 bp. Deletion size: 2091 bp. Deletion left flank: ATTTGGGGGAAAATTAGATGAACCTTTTGTT. Deletion right flank: AAAAACTTAAATTTTCAGCAAAAATTGCT."

Affected Gene: WBGene00004357(rho-1)

Genomic Alteration: WBGene00004357(rho-1)

Catalog Number: WB-STRAIN:WBStrain00036907

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC1830, CGC_VC1830

Organism Name: VC1830

Record Creation Time: 20230227T013657+0000

Record Last Update: 20260815T163318+0000

Ratings and Alerts

No rating or validation information has been found for VC1830.

No alerts have been found for VC1830.

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](#) .

McMullan R, et al. (2011) The RHO-1 RhoGTPase modulates fertility and multiple behaviors in adult *C. elegans*. PloS one, 6(2), e17265.