

Resource Summary Report

Generated by [NIF](#) on Aug 26, 2026

VC2645

RRID:WB-STRAIN:WBStrain00037472

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037472

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037472>

Proper Citation: RRID:WB-STRAIN:WBStrain00037472

Description: Caenorhabditis elegans with name F32D1.2(ok3436) V/nT1 [qls51] (IV;V). from WB.

Species: Caenorhabditis elegans

Synonyms: F32D1.2(ok3436) V/nT1 [qls51] (IV;V).

Notes: F32D1.2. Homozygous lethal or sterile 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 ok3436 homozygotes (late-larval to sterile adult arrest). Homozygous nT1[qls51] inviable. Pick WT GFP and check for correct segregation of progeny to maintain. External left primer: GCTGAATCCGAAGGTGTCTC. External right primer: GCAGCCCAGTCTGTGTTGTA. Internal left primer: GATCATCGTTATTTTCGCCG. Internal right primer: TATAGAGCCGGGCTGAAATG. Internal WT amplicon: 1263 bp. Deletion size: 791 bp. Deletion left flank: AATGTATCCAAATGGAATTATTCGAATACT. Deletion right flank: CTGGTGGGTCTCGCAACGACATGAAGGAGG.|"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: WBGene00017982(hpo-18)

Genomic Alteration: WBGene00017982(hpo-18)

Catalog Number: WB-STRAIN:WBStrain00037472

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38946472](#)

Alternate IDs: WB-STRAIN:VC2645, CGC_VC2645

Organism Name: VC2645

Record Creation Time: 20230227T013701+0000

Record Last Update: 20260815T163328+0000

Ratings and Alerts

No rating or validation information has been found for VC2645.

No alerts have been found for VC2645.

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](#) .

Lyu H, et al. (2024) Functional distinction in oncogenic Ras variant activity in *Caenorhabditis elegans*. *Disease models & mechanisms*, 17(8).