

Resource Summary Report

Generated by [NIF](#) on Aug 13, 2026

VC2526

RRID:WB-STRAIN:WBStrain00037384

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037384

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037384>

Proper Citation: RRID:WB-STRAIN:WBStrain00037384

Description: Caenorhabditis elegans with name C50F7.1(ok3258) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: C50F7.1(ok3258) IV.

Notes: C50F7.1. External left primer: CGCATCTACGTCATTTGCAT. External right primer: ACACGTGGAAATGGAAAACC. Internal left primer: CAACACTAGCTGGGATCGAGA. Internal right primer: GGAACATGGAAAACGTTTAGTTG. Internal WT amplicon: 1330 bp. Deletion size: 752 bp. Deletion left flank: TTTCATAGTTCCATTTGGTTTGATTTCGGG. Deletion right flank: CAACAATTTCAATGTCTAATTTTGGAACTG."Made_by: Vancouver KO Group"|"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: WBGene00016842(npr-35)

Genomic Alteration: WBGene00016842(npr-35)

Catalog Number: WB-STRAIN:WBStrain00037384

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38446031](#)

Alternate IDs: WB-STRAIN:VC2526, CGC_VC2526

Organism Name: VC2526

Record Creation Time: 20230227T013700+0000

Record Last Update: 20260808T171531+0000

Ratings and Alerts

No rating or validation information has been found for VC2526.

No alerts have been found for VC2526.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Xue W, et al. (2025) Calcium levels in ASER neurons determine behavioral valence by engaging distinct neuronal circuits in *C. elegans*. *Nature communications*, 16(1), 1814.

Chen YC, et al. (2025) Food sensing controls *C. elegans* reproductive behavior by neuromodulatory disinhibition. *Science advances*, 11(16), eadu5829.

Otarigho B, et al. (2024) Neuronal NPR-15 modulates molecular and behavioral immune responses via the amphid sensory neuron-intestinal axis in *C. elegans*. *eLife*, 12.

Otarigho B, et al. (2023) Neuronal NPR-15 modulates molecular and behavioral immune responses via the amphid sensory neuron-intestinal axis in *C. elegans*. *bioRxiv* : the preprint server for biology.