

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

VC3219

RRID:WB-STRAIN:WBStrain00037725

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00037725

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00037725>

Proper Citation: RRID:WB-STRAIN:WBStrain00037725

Description: Caenorhabditis elegans with name ptr-23(ok3663) I. from WB.

Species: Caenorhabditis elegans

Synonyms: ptr-23(ok3663) I.

Notes: 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."ZK270.1. Dpy or Dpyish. External left primer: CAACCAGATGACGCAGCTAA. External right primer: TGATTCCATTTACGGACAA. Internal left primer: CCGGTCTCCAGGATAACAAA. Internal right primer: GTAGCCATGGAATACACGGG. Internal WT amplicon: 1140 bp. Deletion size: 899 bp. Deletion left flank: GGATAACAAATGTAAAGTCAGTCAAAATGA. Deletion right flank: ATATACACATTTGATGACGACACCGCTGGT."

Affected Gene: WBGene00004237(ptr-23)

Genomic Alteration: WBGene00004237(ptr-23)

Catalog Number: WB-STRAIN:WBStrain00037725

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:VC3219, CGC_VC3219

Organism Name: VC3219

Record Creation Time: 20230227T013703+0000

Record Last Update: 20260815T163331+0000

Ratings and Alerts

No rating or validation information has been found for VC3219.

No alerts have been found for VC3219.

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](#) .

Venkatesh SR, et al. (2023) Homeostatic control of stearyl desaturase expression via patched-like receptor PTR-23 ensures the survival of *C. elegans* during heat stress. PLoS genetics, 19(12), e1011067.