

Resource Summary Report

Generated by [kravitz2](#) on Aug 15, 2026

RB1603

RRID:WB-STRAIN:WBStrain00032298

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032298

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032298>

Proper Citation: RRID:WB-STRAIN:WBStrain00032298

Description: Caenorhabditis elegans with name klf-3(ok1975) II. from WB.

Species: Caenorhabditis elegans

Synonyms: klf-3(ok1975) II.

Notes: F54H5.4. Homozygous. Outer Left Sequence: CCGAAAGAGAGTGAAGACGG. Outer Right Sequence: TTTGTTGTTCCTCCAGGTCC. Inner Left Sequence: AAAGCAAAAATGACATCGCC. Inner Right Sequence: GCAAAAGAGGATGGGAATCA. Inner Primer PCR Length: 2642 bp. Deletion Size: 1658 bp. Deletion left flank: TAGAAATCCACCATATTATACGGAAGTGAC. Deletion right flank: TACATCAAGCGAGCGATCGCCACTGCAGCG. klf-3 was formerly known as mua-1.|"Made_by: OMRF Knockout Group"|This strain was provided by the C. elegans Gene Knockout Project at the Oklahoma Medical Research Foundation, which was part of the International C. elegans Gene Knockout Consortium, which should be acknowledged in any publications resulting from its use."

Affected Gene: WBGene00003480(klf-3)

Genomic Alteration: WBGene00003480(klf-3)

Catalog Number: WB-STRAIN:WBStrain00032298

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:RB1603, CGC_RB1603

Organism Name: RB1603

Record Creation Time: 20230227T013622+0000

Record Last Update: 20260808T171418+0000

Ratings and Alerts

No rating or validation information has been found for RB1603.

No alerts have been found for RB1603.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Liu J, et al. (2023) GABAergic signaling between enteric neurons and intestinal smooth muscle promotes innate immunity and gut defense in *Caenorhabditis elegans*. *Immunity*, 56(7), 1515.

Hsieh PN, et al. (2017) A conserved KLF-autophagy pathway modulates nematode lifespan and mammalian age-associated vascular dysfunction. *Nature communications*, 8(1), 914.