

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 11, 2026

RB1659

RRID:WB-STRAIN:WBStrain00032352

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032352

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032352>

Proper Citation: RRID:WB-STRAIN:WBStrain00032352

Description: Caenorhabditis elegans with name acr-3(ok2049) X. from WB.

Species: Caenorhabditis elegans

Synonyms: acr-3(ok2049) X.

Notes: K11G12.7. Homozygous. Outer Left Sequence: CGATTTAAGCAAGACGGAGC. Outer Right Sequence: ACAGGCCAAAGTCTCGAAAA. Inner Left Sequence: GGACCCTCCAGTCTGTTTTG. Inner Right Sequence: CGCGGATAAAAGTATTCCGA. Inner Primer PCR Length: 3245 bp. Deletion Size: 2190 bp. Deletion left flank: ACGAAACATTTTTTGGTCCATTTTGTAT. Deletion right flank: GTGGTGATTGATCGATTACTTCTCTATCTT."Made_by: OMRF Knockout Group"|"Mutagen:UV/TMP"|"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: WBGene00000043(acr-3)

Genomic Alteration: WBGene00000043(acr-3)

Catalog Number: WB-STRAIN:WBStrain00032352

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:RB1659, CGC_RB1659

Organism Name: RB1659

Record Creation Time: 20230227T013623+0000

Record Last Update: 20260808T171419+0000

Ratings and Alerts

No rating or validation information has been found for RB1659.

No alerts have been found for RB1659.

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 [PRECISE-TBI](#) .

Liu Y, et al. (2025) Nicotine induces abnormal motor coupling through sensitization of a mechanosensory circuit in *Caenorhabditis elegans*. PLoS biology, 23(10), e3003423.