

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 15, 2026

RB1690

RRID:WB-STRAIN:WBStrain00032383

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00032383

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00032383>

Proper Citation: RRID:WB-STRAIN:WBStrain00032383

Description: Caenorhabditis elegans with name ser-2(ok2103) X. from WB.

Species: Caenorhabditis elegans

Synonyms: ser-2(ok2103) X.

Notes: C02D4.2. Homozygous. Outer Left Sequence: CTCCTTCGCCACACTGATTT. Outer Right Sequence: CCGAATCGCGAAAATTAAAA. Inner Left Sequence: CTTTCACTTTGCACGATCCA. Inner Right Sequence: TCCGCAAATTTCTACGATCC. Inner Primer PCR Length: 3130 bp. Deletion Size: 2043 bp. Deletion left flank: GTTTGTGTCATCAACTAAAAAATAACTAA. Deletion right flank: GACAATGATCATTA ACTTAATGAGCTTTCC.|"Made_by: OMRF Knockout Group"|"Supplementary_genotype ser-2(ok2103)"|"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: WBGene00004777(ser-2)

Genomic Alteration: WBGene00004777(ser-2)

Catalog Number: WB-STRAIN:WBStrain00032383

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:37728328](#)

Alternate IDs: WB-STRAIN:RB1690, CGC_RB1690

Organism Name: RB1690

Record Creation Time: 20230227T013623+0000

Record Last Update: 20260815T163155+0000

Ratings and Alerts

No rating or validation information has been found for RB1690.

No alerts have been found for RB1690.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Almotayri AM, et al. (2025) Amitriptyline increases food intake via prdx-2 without altering other physiological parameters in *C. elegans* under a modified bacterial diet. *Scientific reports*, 15(1), 29428.

Hernandez-Craverro B, et al. (2022) Cannabinoids activate the insulin pathway to modulate mobilization of cholesterol in *C. elegans*. *PLoS genetics*, 18(11), e1010346.

Donnelly JL, et al. (2013) Monoaminergic orchestration of motor programs in a complex *C. elegans* behavior. *PLoS biology*, 11(4), e1001529.