

Resource Summary Report

Generated by [dkNET](#) on Sep 14, 2026

CX4103

RRID:WB-STRAIN:WBStrain00005260

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005260

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005260>

Proper Citation: RRID:WB-STRAIN:WBStrain00005260

Description: Caenorhabditis elegans with name kyls150 IV; sax-1(ky491) X. from WB.

Species: Caenorhabditis elegans

Synonyms: kyls150 IV; sax-1(ky491) X.

Notes: kyls150 [tax-2(delta)::GFP + lin-15(+)]. sax-1 is temperature-sensitive. ky491 was isolated by PCR from a deletion library. [NOTE: (12/29/2020) This strain has been found to actually be carrying the ky491 deletion allele of sax-1, not the ky211 point mutation as previously reported.] ky491 is a 1263 bp deletion in sax-1 (left flanking sequence: atgaagcccaggctgtgaataaattgaatg, right flanking sequence: ccaatcacagtcagcctccgataaaatgtc). Do not distribute this strain; other labs should request it from the CGC. This strain cannot be distributed to commercial organizations. This strain cannot be used for any commercial purpose or for work on human subjects.

Affected Gene: WBGene00004727(sax-1)

Genomic Alteration: WBGene00004727(sax-1)

Catalog Number: WB-STRAIN:WBStrain00005260

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:10409513](#), [PMID:37987447](#)

Alternate IDs: WB-STRAIN:CX4103, CGC_CX4103

Organism Name: CX4103

Record Creation Time: 20230227T013258+0000

Record Last Update: 20260912T181038+0000

Ratings and Alerts

No rating or validation information has been found for CX4103.

No alerts have been found for CX4103.

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](#) .

Ogura M, et al. (2023) Microautophagy regulated by STK38 and GABARAPs is essential to repair lysosomes and prevent aging. EMBO reports, 24(12), e57300.