

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

CX3937

RRID:WB-STRAIN:WBStrain00005258

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005258

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005258>

Proper Citation: RRID:WB-STRAIN:WBStrain00005258

Description: Caenorhabditis elegans with name lim-4(ky403) X. from WB.

Species: Caenorhabditis elegans

Synonyms: lim-4(ky403) X.

Notes: Coily movement; aberrant head movement. The AWB neurons are transformed towards the AWC neuron fate by many criteria.

Affected Gene: WBGene00002987(lim-4)

Genomic Alteration: WBGene00002987(lim-4)

Catalog Number: WB-STRAIN:WBStrain00005258

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:10421632](#)

Alternate IDs: WB-STRAIN:CX3937, CGC_CX3937

Organism Name: CX3937

Record Creation Time: 20230227T013258+0000

Record Last Update: 20260725T171707+0000

Ratings and Alerts

No rating or validation information has been found for CX3937.

No alerts have been found for CX3937.

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 [dkNET](#) .

Xue W, et al. (2025) Calcium levels in ASER neurons determine behavioral valence by engaging distinct neuronal circuits in *C. elegans*. Nature communications, 16(1), 1814.

Brown VE, et al. (2025) The AWC OFF neuron is important for attraction to 1-butanol in *Caenorhabditis elegans*. microPublication biology, 2025.