

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

CB55

RRID:WB-STRAIN:WBStrain00004087

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004087

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004087>

Proper Citation: RRID:WB-STRAIN:WBStrain00004087

Description: Caenorhabditis elegans with name unc-2(e55) X. from WB.

Species: Caenorhabditis elegans

Synonyms: unc-2(e55) X.

Notes: WBStrain mapped, WBPaper00061313 added based on AFP_Strain data.

Affected Gene: WBGene00006742(unc-2)

Genomic Alteration: WBGene00006742(unc-2)

Catalog Number: WB-STRAIN:WBStrain00004087

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:4366476](#), [PMID:33871019](#), [PMID:37053235](#)

Alternate IDs: WB-STRAIN:CB55, CGC_CB55

Organism Name: CB55

Record Creation Time: 20230227T013249+0000

Record Last Update: 20260815T162328+0000

Ratings and Alerts

No rating or validation information has been found for CB55.

No alerts have been found for CB55.

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 [NIF](#) .

Xiong A, et al. (2024) Presynaptic neurons self-tune by inversely coupling neurotransmitter release with the abundance of CaV2 voltage-gated Ca²⁺ channels. Proceedings of the National Academy of Sciences of the United States of America, 121(35), e2404969121.

Xuan Z, et al. (2023) The active zone protein Clarinet regulates synaptic sorting of ATG-9 and presynaptic autophagy. PLoS biology, 21(4), e3002030.

Tee LF, et al. (2023) Electric shock causes a fleeing-like persistent behavioral response in the nematode *Caenorhabditis elegans*. Genetics, 225(2).