

Resource Summary Report

Generated by [nidm-terms](#) on Aug 21, 2026

CX51

RRID:WB-STRAIN:WBStrain00005217

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005217

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005217>

Proper Citation: RRID:WB-STRAIN:WBStrain00005217

Description: Caenorhabditis elegans with name dyn-1(ky51) X. from WB.

Species: Caenorhabditis elegans

Synonyms: dyn-1(ky51) X.

Notes: ky51 animals are WT (or nearly WT) for locomotion, defecation rate, egg laying and fertility at 15C and 20C. Become Unc within 60 seconds when shifted to 25C. Recover when shifted back to 15C or 20C. dyn-1 encodes a dynamin GTPase. Received new stock from Cori Bargmann Jan 2005.

Affected Gene: WBGene00001130(dyn-1)

Genomic Alteration: WBGene00001130(dyn-1)

Catalog Number: WB-STRAIN:WBStrain00005217

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:9294229](#), [PMID:35065714](#)

Alternate IDs: WB-STRAIN:CX51, CGC_CX51

Organism Name: CX51

Record Creation Time: 20230227T013258+0000

Ratings and Alerts

No rating or validation information has been found for CX51.

No alerts have been found for CX51.

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 [nidm-terms](#) .

Ghose P, et al. (2018) EFF-1 fusogen promotes phagosome sealing during cell process clearance in *Caenorhabditis elegans*. *Nature cell biology*, 20(4), 393.

Fancsalszky L, et al. (2014) NDK-1, the homolog of NM23-H1/H2 regulates cell migration and apoptotic engulfment in *C. elegans*. *PloS one*, 9(3), e92687.

Zhu L, et al. (2012) Dynamin 1 regulates amyloid generation through modulation of BACE-1. *PloS one*, 7(9), e45033.