

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

NC279

RRID:WB-STRAIN:WBStrain00028649

Type: Organism

Proper Citation

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Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00028649>

Proper Citation: RRID:WB-STRAIN:WBStrain00028649

Description: Caenorhabditis elegans with name del-1(ok150) X. from WB.

Species: Caenorhabditis elegans

Synonyms: del-1(ok150) X.

Notes: 2 kb deletion mutant made by OMRF Knockout Group. Presumptive null. No obvious phenotype. Primers used: EL1: GAAACGGTGAGTGCCAATTT. ER1: AGTGCTGTACACCAAGCAC. IL1: AAACCAACTGACCCAAGGTG. IR1: TATCTAGGGTCCGCACAACC. Left breakpoint sequence: AGGTTGACAAATTGTTGCGA. Right breakpoint sequence: CGCTTATTAATAAATAATAT.|"Mutagen:TMP+UV"|"Mutagen:TMP/UV"

Affected Gene: WBGene00000952(del-1)

Genomic Alteration: WBGene00000952(del-1)

Catalog Number: WB-STRAIN:WBStrain00028649

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32009302](#), [PMID:37155851](#), [PMID:37500635](#)

Alternate IDs: WB-STRAIN:NC279, CGC_NC279

Organism Name: NC279

Record Creation Time: 20230227T013555+0000

Record Last Update: 20260905T115158+0000

Ratings and Alerts

No rating or validation information has been found for NC279.

No alerts have been found for NC279.

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 [NIF](#) .

Ji H, et al. (2023) A proprioceptive feedback circuit drives *Caenorhabditis elegans* locomotor adaptation through dopamine signaling. *Proceedings of the National Academy of Sciences of the United States of America*, 120(20), e2219341120.

Zhan X, et al. (2023) Locomotion modulates olfactory learning through proprioception in *C. elegans*. *Nature communications*, 14(1), 4534.