

Resource Summary Report

Generated by SPARC SAWG on Aug 22, 2026

CX6161

RRID:WB-STRAIN:WBStrain00005278

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00005278

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00005278>

Proper Citation: RRID:WB-STRAIN:WBStrain00005278

Description: Caenorhabditis elegans with name inx-19(ky634) I. from WB.

Species: Caenorhabditis elegans

Synonyms: inx-19(ky634) I.

Notes: Previously called nsy-5.

Affected Gene: WBGene00002141(inx-19)

Genomic Alteration: WBGene00002141(inx-19)

Catalog Number: WB-STRAIN:WBStrain00005278

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38302462](https://pubmed.ncbi.nlm.nih.gov/38302462/)

Alternate IDs: WB-STRAIN:CX6161, CGC_CX6161

Organism Name: CX6161

Record Creation Time: 20230227T013258+0000

Record Last Update: 20260815T162350+0000

Ratings and Alerts

No rating or validation information has been found for CX6161.

No alerts have been found for CX6161.

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 [SPARC SAWG](#) .

Nakayama A, et al. (2024) A hyperpolarizing neuron recruits undocked innexin hemichannels to transmit neural information in *Caenorhabditis elegans*. *Proceedings of the National Academy of Sciences of the United States of America*, 121(21), e2406565121.

Zhang X, et al. (2023) A gonadal gap junction INX-14/Notch GLP-1 signaling axis suppresses gut defense through an intestinal lysosome pathway. *Frontiers in immunology*, 14, 1249436.