

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

ins-7(ot1427) IV.

RRID:WB-STRAIN:WBStrain00062859

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00062859

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00062859>

Proper Citation: RRID:WB-STRAIN:WBStrain00062859

Description: Caenorhabditis elegans with name ins-7(ot1427) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: ins-7(ot1427) IV.

Notes: ot1427 is CRISPR-engineered 1,007 bp deletion removing the entire ins-7 coding region. Sequence after edit:

CTTCGAAGGATAACCCCGAAGAAGCTGTTCCAAAACATAATGGTGGCTCTTCTGGATTTTGGGT

Reference: Sural S, et al. bioRxiv 2025.01.06.631508; doi: <https://doi.org/10.1101/2025.01.06.631508>

Affected Gene: WBGene00002090(ins-7)

Genomic Alteration: WBGene00002090(ins-7)

Catalog Number: WB-STRAIN:WBStrain00062859

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: ins-7(ot1427) IV.

Record Creation Time: 20250827T213350+0000

Record Last Update: 20260905T115946+0000

Ratings and Alerts

No rating or validation information has been found for ins-7(ot1427) IV..

No alerts have been found for ins-7(ot1427) IV..

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.