

Resource Summary Report

Generated by [NIF](#) on Aug 22, 2026

MT3564

RRID:WB-STRAIN:WBStrain00027073

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00027073

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00027073>

Proper Citation: RRID:WB-STRAIN:WBStrain00027073

Description: Caenorhabditis elegans with name osm-7(n1515) III. from WB.

Species: Caenorhabditis elegans

Synonyms: osm-7(n1515) III.

Notes: Weak and variable Osm. Recessive.

Affected Gene: WBGene00003887(osm-7)

Genomic Alteration: WBGene00003887(osm-7)

Catalog Number: WB-STRAIN:WBStrain00027073

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:36652499](#)

Alternate IDs: WB-STRAIN:MT3564, CGC_MT3564

Organism Name: MT3564

Record Creation Time: 20230227T013542+0000

Record Last Update: 20260815T163022+0000

Ratings and Alerts

No rating or validation information has been found for MT3564.

No alerts have been found for MT3564.

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](#) .

Medrano E, et al. (2025) Osmolarity regulates *Caenorhabditis elegans* egg-laying behavior via chemosensory and biophysical mechanisms. *The Journal of experimental biology*, 228(21).

He L, et al. (2012) The cystic-fibrosis-associated Δ F508 mutation confers post-transcriptional destabilization on the *C. elegans* ABC transporter PGP-3. *Disease models & mechanisms*, 5(6), 930.