

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

[XA7702](#)

RRID:WB-STRAIN:WBStrain00040637

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00040637

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00040637>

Proper Citation: RRID:WB-STRAIN:WBStrain00040637

Description: Caenorhabditis elegans with name mdt-15(tm2182) III. from WB.

Species: Caenorhabditis elegans

Synonyms: mdt-15(tm2182) III.

Notes: Mutagen:UV/TMP|"Short lifespan. Altered fat storage. Toxin sensitive. Low brood size. Clr."

Affected Gene: WBGene00007016(mdt-15)

Genomic Alteration: WBGene00007016(mdt-15)

Catalog Number: WB-STRAIN:WBStrain00040637

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:36653384](#)

Alternate IDs: WB-STRAIN:XA7702, CGC_XA7702

Organism Name: XA7702

Record Creation Time: 20230227T013726+0000

Record Last Update: 20260829T162419+0000

Ratings and Alerts

No rating or validation information has been found for XA7702.

No alerts have been found for XA7702.

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 [NIF](#) .

Ahsan FM, et al. (2026) Reductive death is averted by a conserved de novo lipogenic switch. *Molecular cell*, 86(13), 2539.

Hodgkin J, et al. (2025) Mutations of nhr-49 affect *C. elegans* susceptibility to *Yersinia* biofilms. *microPublication biology*, 2025.

Goh GYS, et al. (2023) Mediator subunit MDT-15 promotes expression of propionic acid breakdown genes to prevent embryonic lethality in *Caenorhabditis elegans*. *G3* (Bethesda, Md.), 13(6).