

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

MT15024

RRID:WB-STRAIN:WBStrain00027508

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00027508

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00027508>

Proper Citation: RRID:WB-STRAIN:WBStrain00027508

Description: Caenorhabditis elegans with name mir-58.1(n4640) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: mir-58.1(n4640) IV.

Notes: Deletion breakpoints are:CCGGCCAAATCTAGAACTGC / AAGAGTACGGTCTTG...GACTGAGCTAGAGTG / ACCTCTGATAATACGGAACGG. Do not distribute this strain; other labs should request it from the CGC. This strain cannot be distributed to commercial organizations. This strain cannot be used for any commercial purpose or for work on human subjects.|"Made_by: Horvitz Lab"| "WBStrain mapped, WBPaper00061619 added based on AFP_Strain data."

Affected Gene: WBGene00003286(mir-58.1)

Genomic Alteration: WBGene00003286(mir-58.1)

Catalog Number: WB-STRAIN:WBStrain00027508

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:34051205](#)

Alternate IDs: WB-STRAIN:MT15024, CGC_MT15024

Organism Name: MT15024

Record Creation Time: 20230227T013546+0000

Record Last Update: 20260725T172207+0000

Ratings and Alerts

No rating or validation information has been found for MT15024.

No alerts have been found for MT15024.

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](#) .

Knittel TL, et al. (2025) Interdependence of Pasha and Drosha for localization and function of the Microprocessor in *C. elegans*. *Nature communications*, 16(1), 5595.

Zhao C, et al. (2025) Temperature-dependent lifespan extension is achieved in miR-80-deleted *Caenorhabditis elegans* by NLP-45 to modulate endoplasmic reticulum unfolded protein responses. *Aging cell*, 24(1), e14345.

Montgomery BE, et al. (2024) Regulation of Microprocessor assembly and localization via Pasha's WW domain in *C. elegans*. *bioRxiv* : the preprint server for biology.