

Resource Summary Report

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

MT15021

RRID:WB-STRAIN:WBStrain00027505

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00027505

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00027505>

Proper Citation: RRID:WB-STRAIN:WBStrain00027505

Description: Caenorhabditis elegans with name mir-78(n4637) IV. from WB.

Species: Caenorhabditis elegans

Synonyms: mir-78(n4637) IV.

Notes: Deletion breakpoints are:CTTTCATACATCTATTTT / ATACGGAAATGTAAAAT...CTTGTTTCAAGCTATCC / ATTTTGCAACAATACTGT. 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."|Deletion breakpoints are:CTTTCATACATCTATTTT / ATACGGAAATGTAAAAT...CTTGTTTCAAGCTATCC / ATTTTGCAACAATACTGT.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"|"Mutagen:UV/TMP"

Affected Gene: WBGene00003306(mir-78)

Genomic Alteration: WBGene00003306(mir-78)

Catalog Number: WB-STRAIN:WBStrain00027505

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Alternate IDs: WB-STRAIN:MT15021, CGC_MT15021

Organism Name: MT15021

Record Creation Time: 20230227T013546+0000

Record Last Update: 20260725T172207+0000

Ratings and Alerts

No rating or validation information has been found for MT15021.

No alerts have been found for MT15021.

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](#) .

Kumar A, et al. (2024) Heat-killed probiotic *Levilactobacillus brevis* MKAK9 and its exopolysaccharide promote longevity by modulating aging hallmarks and enhancing immune responses in *Caenorhabditis elegans*. *Immunity & ageing : I & A*, 21(1), 52.

Sun L, et al. (2020) microRNAs involved in the control of toxicity on locomotion behavior induced by simulated microgravity stress in *Caenorhabditis elegans*. *Scientific reports*, 10(1), 17510.