

Resource Summary Report

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

MT8504

RRID:WB-STRAIN:WBStrain00027329

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00027329

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00027329>

Proper Citation: RRID:WB-STRAIN:WBStrain00027329

Description: Caenorhabditis elegans with name EMPTY from WB.

Species: Caenorhabditis elegans

Synonyms: EMPTY

Notes: Animals are Egl and show sluggish locomotion and foraging behavior. Null allele: egl-10 is deleted or severely rearranged, and EGL-10 protein is undetected by Western blotting and in situ staining of animals.|"Properties Mutagen Spontaneous in TR403"|"WBStrain mapped, WBPaper00061459 added based on AFP_Strain data."

Affected Gene: WBGene00001179(egl-10)

Genomic Alteration: WBGene00001179(egl-10)

Catalog Number: WB-STRAIN:WBStrain00027329

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:8548815](#), [PMID:34037773](#), [PMID:34506477](#), [PMID:37155851](#), [PMID:38362034](#)

Alternate IDs: WB-STRAIN:MT8504, CGC_MT8504

Organism Name: MT8504

Record Creation Time: 20230227T013544+0000

Record Last Update: 20260815T163026+0000

Ratings and Alerts

No rating or validation information has been found for MT8504.

No alerts have been found for MT8504.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [SPARC SAWG](#) .

Ji H, et al. (2023) A proprioceptive feedback circuit drives *Caenorhabditis elegans* locomotor adaptation through dopamine signaling. *Proceedings of the National Academy of Sciences of the United States of America*, 120(20), e2219341120.