

Resource Summary Report

Generated by [NIF](#) on Sep 11, 2026

MT14984

RRID:WB-STRAIN:WBStrain00027500

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00027500

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00027500>

Proper Citation: RRID:WB-STRAIN:WBStrain00027500

Description: Caenorhabditis elegans with name tph-1(n4622) II. from WB.

Species: Caenorhabditis elegans

Synonyms: tph-1(n4622) II.

Notes: Egl. Reduced pharyngeal pumping.|"Made_by: Dan Omura"| "WBStrain provided so WBPaper00060405 paper added based on AFP_Strain data."

Affected Gene: WBGene00006600(tph-1)

Genomic Alteration: WBGene00006600(tph-1)

Catalog Number: WB-STRAIN:WBStrain00027500

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:33007049](#), [PMID:36653384](#), [PMID:37155851](#), [PMID:38302462](#), [PMID:38555276](#)

Alternate IDs: WB-STRAIN:MT14984, CGC_MT14984

Organism Name: MT14984

Record Creation Time: 20230227T013546+0000

Record Last Update: 20260905T115143+0000

Ratings and Alerts

No rating or validation information has been found for MT14984.

No alerts have been found for MT14984.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Li J, et al. (2025) TMBIM-2 orchestrates systemic mitochondrial stress response via facilitating Ca²⁺ oscillations. The Journal of cell biology, 224(5).

Li G, et al. (2025) A gut-brain-gut axis orchestrates host responses counteracting microbiome-induced iron insufficiency. The EMBO journal, 44(24), 7590.

Yu J, et al. (2023) Parallel pathways for serotonin biosynthesis and metabolism in *C. elegans*. Nature chemical biology, 19(2), 141.

Boor SA, et al. (2023) Neuroendocrine Gene Expression Coupling of Interoceptive Bacterial Food Cues to Foraging Behavior of *C. elegans*. bioRxiv : the preprint server for biology.

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.

Smith LL, et al. (2019) Strengths and limitations of morphological and behavioral analyses in detecting dopaminergic deficiency in *Caenorhabditis elegans*. Neurotoxicology, 74, 209.