

Resource Summary Report

Generated by [NIF](#) on Aug 18, 2026

MT9668

RRID:WB-STRAIN:WBStrain00027365

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00027365

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00027365>

Proper Citation: RRID:WB-STRAIN:WBStrain00027365

Description: Caenorhabditis elegans with name mod-1(ok103) V from WB.

Species: Caenorhabditis elegans

Synonyms: mod-1(ok103) V

Notes: Serotonin resistant. Recessive.|"WBStrain mapped, WBPaper00060976 added based on AFP_Strain data."|"WBStrain provided so WBPaper00060405 paper added based on AFP_Strain data."

Affected Gene: WBGene00003386(mod-1)

Genomic Alteration: WBGene00003386(mod-1)

Catalog Number: WB-STRAIN:WBStrain00027365

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:33007049](#), [PMID:38514005](#)

Alternate IDs: WB-STRAIN:MT9668, CGC_MT9668

Organism Name: MT9668

Record Creation Time: 20230227T013545+0000

Record Last Update: 20260815T163026+0000

Ratings and Alerts

No rating or validation information has been found for MT9668.

No alerts have been found for MT9668.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Hernando G, et al. (2025) Unraveling anthelmintic targets and mechanisms of action of trans-cinnamaldehyde from cinnamon essential oil. Scientific reports, 15(1), 5422.

Pradhan S, et al. (2025) Pathogen infection induces sickness behaviors through neuromodulators linked to stress and satiety in C. elegans. Nature communications, 16(1), 3200.

Yokosawa R, et al. (2025) A Nuclear Hormone Receptor nhr-76 Induces Age-Dependent Chemotaxis Decline in C.???elegans. Aging cell, 24(12), e70277.

Aprison EZ, et al. (2023) Serotonergic signaling plays a deeply conserved role in improving oocyte quality. Developmental biology, 499, 24.

Hernandez-Craverio B, et al. (2022) Cannabinoids activate the insulin pathway to modulate mobilization of cholesterol in C. elegans. PLoS genetics, 18(11), e1010346.

Aprison EZ, et al. (2022) The serotonin circuit that coordinates germline proliferation and egg laying with other reproductive functions in Caenorhabditis elegans. Proceedings. Biological sciences, 289(1987), 20220913.

Cho JY, et al. (2021) Morphological Characterization of small, dumpy, and long Phenotypes in Caenorhabditis elegans. Molecules and cells, 44(3), 160.

Crisford A, et al. (2020) Identification and characterisation of serotonin signalling in the potato cyst nematode Globodera pallida reveals new targets for crop protection. PLoS pathogens, 16(10), e1008884.

Brown MK, et al. (2009) Bilobalide modulates serotonin-controlled behaviors in the nematode Caenorhabditis elegans. BMC neuroscience, 10, 62.