

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 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: 20260801T171734+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 [dkNET](#) .

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.