Resource Summary Report

Generated by PRECISE-TBI on Jul 29, 2026

ZD101

RRID:WB-STRAIN:WBStrain00040806
Type: Organism

Proper Citation

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Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00040806

Proper Citation: RRID:WB-STRAIN:WBStrain00040806

Description: Caenorhabditis elegans with name tir-1(qd4) III. from WB.

Species: Caenorhabditis elegans

Synonyms: tir-1(qd4) III.

Notes: Enhanced pathogen susceptibility. Egg laying in response to food is defective. Reference: Shivers RP et al., (2009) Cell Host Microbe 6:321-30.

Affected Gene: WBGene00006575(tir-1)

Genomic Alteration: WBGene00006575(tir-1)

Catalog Number: WB-STRAIN:WBStrain00040806

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:37122724, PMID:38232128

Alternate IDs: WB-STRAIN:ZD101, CGC_ZD101

Organism Name: ZD101

Record Creation Time: 20230227T013727+0000

Record Last Update: 20260725T172508+0000

Ratings and Alerts

No rating or validation information has been found for ZD101.

No alerts have been found for ZD101.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

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.

VanDerMolen KR, et al. (2025) Non-cell-autonomous regulation of mTORC2 by Hedgehog signaling maintains lipid homeostasis. Cell reports, 44(1), 115191.

Liu Y, et al. (2025) Neuronal detection triggers systemic digestive shutdown in response to adverse food sources in Caenorhabditis elegans. eLife, 14.

Turner MJ, et al. (2020) Avoidance behavior independent of innate-immune signaling seen in Caenorhabditis elegans challenged with Bacillus anthracis. Developmental and comparative immunology, 102, 103453.