Resource Summary Report

Generated by PRECISE-TBI on Aug 15, 2026

AY101

RRID:WB-STRAIN:WBStrain00000322
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00000322

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00000322

Proper Citation: RRID:WB-STRAIN:WBStrain00000322

Description: Caenorhabditis elegans with name acIs101. from WB.

Species: Caenorhabditis elegans

Synonyms: acIs101.

Notes: acIs101 [F35E12.5p::GFP + rol-6(su1006)]. Rollers. Reference: (2010) J Bio Chem 285(14):10832-40.|"Made_by: Devin Bolz"|"WBStrain provided so WBPaper00059545 paper added based on AFP_Strain data."

Catalog Number: WB-STRAIN:WBStrain00000322

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:32294300, PMID:32163353, PMID:35045336, PMID:38569037, PMID:39235964, PMID:39299237

Alternate IDs: WB-STRAIN:AY101, CGC_AY101

Organism Name: AY101

Record Creation Time: 20230227T013221+0000

Record Last Update: 20260815T162231+0000

Ratings and Alerts

No rating or validation information has been found for AY101.

No alerts have been found for AY101.

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

Liu P, et al. (2024) UPRER-immunity axis acts as physiological food evaluation system that promotes aversion behavior in sensing low-quality food. eLife, 13.

Peterson ND, et al. (2023) Non-canonical pattern recognition of a pathogen-derived metabolite by a nuclear hormone receptor identifies virulent bacteria in C. elegans. Immunity, 56(4), 768.

Horowitz BB, et al. (2023) A transcriptional cofactor regulatory network for the C. elegans intestine. G3 (Bethesda, Md.), 13(7).

Zhang X, et al. (2023) A gonadal gap junction INX-14/Notch GLP-1 signaling axis suppresses gut defense through an intestinal lysosome pathway. Frontiers in immunology, 14, 1249436.

Foster KJ, et al. (2020) Innate Immunity in the C. elegans Intestine Is Programmed by a Neuronal Regulator of AWC Olfactory Neuron Development. Cell reports, 31(1), 107478.