Resource Summary Report

Generated by dkNET on Aug 25, 2026

AU133

RRID:WB-STRAIN:WBStrain00000264
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00000264

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00000264

Proper Citation: RRID:WB-STRAIN:WBStrain00000264

Description: Caenorhabditis elegans with name agIs17[Pmyo-2::mCherry + Pirg-1::gfp] from WB.

Species: Caenorhabditis elegans

Synonyms: agIs17[Pmyo-2::mCherry + Pirg-1::gfp]

Notes: agIs17 [myo-2p::mCherry + irg-1p::GFP] IV. GFP in pharynx and intestine that turns on upon infection with pathogenic Pseudomonas aeruginosa strain PA14. Reference: Dunbar TL, et al. Cell Host Microbe. 2012 Apr 19;11(4):375-86.|"WBStrain mapped, WBPaper00049531 added based on AFP_Strain data."|"WBStrain provided so WBPaper00059545 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00061956 paper added based on AFP_Strain data."

Catalog Number: WB-STRAIN:WBStrain00000264

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: PMID:27129311, PMID:32294300, PMID:34326342, PMID:35045336, PMID:38547071, PMID:39235964

Alternate IDs: WB-STRAIN:AU133, CGC_AU133

Organism Name: AU133

Record Creation Time: 20230227T013220+0000

Record Last Update: 20260815T162231+0000

Ratings and Alerts

No rating or validation information has been found for AU133.

No alerts have been found for AU133.

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 .

Kyriakakis E, et al. (2025) Bacterial RNA promotes proteostasis through inter-tissue communication in C. elegans. Nature communications, 16(1), 8650.

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.

Ji Z, et al. (2025) Non-Visual Light Sensing Enhances Behavioral Memory and Drives Gene Expression in C. elegans. bioRxiv : the preprint server for biology.

Nauta KM, et al. (2024) A high-throughput screening platform for discovering bacterial species and small molecules that modify animal physiology. bioRxiv : the preprint server for biology.

Pu X, et al. (2024) Lysosomal dysfunction by inactivation of V-ATPase drives innate immune response in C.??elegans. Cell reports, 43(5), 114138.

Pees B, et al. (2024) The Caenorhabditis elegans proteome response to two protective Pseudomonas symbionts. mBio, 15(4), e0346323.

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.

Sengupta T, et al. (2023) A natural bacterial pathogen of C. elegans uses a small RNA to induce transgenerational inheritance of learned avoidance. bioRxiv : the preprint server for biology.

Punitan R, et al. (2019) Clinical and Antibacterial Effects of Tualang Honey on Pseudomonas-induced Keratitis in Rabbit Eyes. Cureus, 11(3), e4332.