

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 23, 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 agls17[Pmyo-2::mCherry + Pirg-1::gfp] from WB.

Species: Caenorhabditis elegans

Synonyms: agls17[Pmyo-2::mCherry + Pirg-1::gfp]

Notes: agls17 [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

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 [SPARC SAWG](#) .

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.