

Resource Summary Report

Generated by [NIF](#) on Sep 5, 2026

AU3

RRID:WB-STRAIN:WBStrain00000259

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00000259

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00000259>

Proper Citation: RRID:WB-STRAIN:WBStrain00000259

Description: Caenorhabditis elegans with name nsy-1(ag3) II. from WB.

Species: Caenorhabditis elegans

Synonyms: nsy-1(ag3) II.

Notes: Enhanced susceptibility to pathogens (Esp). Nsy. Egl-d. Also called esp-8.|"WBStrain mapped, WBPaper00061439 added based on AFP_Strain data."

Affected Gene: WBGene00003822(nsy-1)

Genomic Alteration: WBGene00003822(nsy-1)

Catalog Number: WB-STRAIN:WBStrain00000259

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:34038721](#), [PMID:37122724](#), [PMID:37310929](#), [PMID:38573858](#)

Alternate IDs: WB-STRAIN:AU3, CGC_AU3

Organism Name: AU3

Record Creation Time: 20230227T013220+0000

Record Last Update: 20260905T114522+0000

Ratings and Alerts

No rating or validation information has been found for AU3.

No alerts have been found for AU3.

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 [NIF](#) .

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

Peters L, et al. (2025) Polyketide synthase-derived sphingolipids mediate microbiota protection against a bacterial pathogen in *C. elegans*. *Nature communications*, 16(1), 5151.

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

Kumar A, et al. (2024) Heat-killed probiotic *Levilactobacillus brevis* MKAK9 and its exopolysaccharide promote longevity by modulating aging hallmarks and enhancing immune responses in *Caenorhabditis elegans*. *Immunity & ageing : I & A*, 21(1), 52.

Liu J, et al. (2023) GABAergic signaling between enteric neurons and intestinal smooth muscle promotes innate immunity and gut defense in *Caenorhabditis elegans*. *Immunity*, 56(7), 1515.