

Resource Summary Report

Generated by [NIF](#) on Aug 17, 2026

AU78

RRID:WB-STRAIN:WBStrain00000262

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00000262

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00000262>

Proper Citation: RRID:WB-STRAIN:WBStrain00000262

Description: Caenorhabditis elegans with name agls219 III. from WB.

Species: Caenorhabditis elegans

Synonyms: agls219 III.

Notes: agls219 [T24B8.5p::GFP::unc-54 3' UTR + ttx-3p::GFP::unc-54 3' UTR] III.
References: Shivers RP, et al. PLoS Genet. 2010 Apr 1;6(4):e1000892. Shivers RP, et al. Cell Host Microbe. 2009 Oct 22;6(4):321-30.

Catalog Number: WB-STRAIN:WBStrain00000262

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32560629](#), [PMID:37507441](#), [PMID:38963038](#),
[PMID:39235964](#), [PMID:39299237](#)

Alternate IDs: WB-STRAIN:AU78, CGC_AU78

Organism Name: AU78

Record Creation Time: 20230227T013220+0000

Record Last Update: 20260815T162231+0000

Ratings and Alerts

No rating or validation information has been found for AU78.

No alerts have been found for AU78.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Tse-Kang SY, et al. (2024) Lysosome-related organelle integrity suppresses TIR-1 aggregation to restrain toxic propagation of p38 innate immunity. *Cell reports*, 43(9), 114674.

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.

Zhou L, et al. (2024) Temperature perception by ER UPR promotes preventive innate immunity and longevity. *Cell reports*, 43(12), 115071.

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

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.

Yuan W, et al. (2023) Modulating p38 MAPK signaling by proteostasis mechanisms supports tissue integrity during growth and aging. *Nature communications*, 14(1), 4543.

Fanelli MJ, et al. (2023) Immunity-linked genes are stimulated by a membrane stress pathway linked to Golgi function and the ARF-1 GTPase. *Science advances*, 9(49), eadi5545.