

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

AU1

RRID:WB-STRAIN:WBStrain00000258

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00000258

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00000258>

Proper Citation: RRID:WB-STRAIN:WBStrain00000258

Description: Caenorhabditis elegans with name sek-1(ag1) X. from WB.

Species: Caenorhabditis elegans

Synonyms: sek-1(ag1) X.

Notes: Enhanced susceptibility to pathogens (Esp). Egl-d. Nsy. Also called esp-2.

Affected Gene: WBGene00004758(sek-1)

Genomic Alteration: WBGene00004758(sek-1)

Catalog Number: WB-STRAIN:WBStrain00000258

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:15621439](#), [PMID:31771413](#), [PMID:37310929](#)

Alternate IDs: WB-STRAIN:AU1, CGC_AU1

Organism Name: AU1

Record Creation Time: 20230227T013220+0000

Record Last Update: 20260725T171558+0000

Ratings and Alerts

No rating or validation information has been found for AU1.

No alerts have been found for AU1.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

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.

Sugawara T, et al. (2020) Quercetin enhances motility in aged and heat-stressed *Caenorhabditis elegans* nematodes by modulating both HSF-1 activity, and insulin-like and p38-MAPK signalling. *PloS one*, 15(9), e0238528.

Wilson MA, et al. (2006) Blueberry polyphenols increase lifespan and thermotolerance in *Caenorhabditis elegans*. *Aging cell*, 5(1), 59.