

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

UA57

RRID:WB-STRAIN:WBStrain00035183

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00035183

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00035183>

Proper Citation: RRID:WB-STRAIN:WBStrain00035183

Description: Caenorhabditis elegans with name bals4. from WB.

Species: Caenorhabditis elegans

Synonyms: bals4.

Notes: bals4 [dat-1p::GFP + dat-1p::CAT-2]. GFP expression in CEP, ADE and PDE neurons. From integration of baEx33.|"Made_by: Caldwell Lab"| "WBStrain mapped, WBPaper00060404 added based on AFP_Strain data."

Catalog Number: WB-STRAIN:WBStrain00035183

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:31323240](#)

Alternate IDs: WB-STRAIN:UA57, CGC_UA57

Organism Name: UA57

Record Creation Time: 20230227T013645+0000

Record Last Update: 20260808T171459+0000

Ratings and Alerts

No rating or validation information has been found for UA57.

No alerts have been found for UA57.

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 [PRECISE-TBI](#) .

Francisco M, et al. (2025) Biofilm proficient *Bacillus subtilis* prevents neurodegeneration in *Caenorhabditis elegans* Parkinson's disease models via PMK-1/p38 MAPK and SKN-1/Nrf2 signaling. *Scientific reports*, 15(1), 9864.

Fang M, et al. (2025) Perillaldehyde Improves Parkinson-Like Deficits by Targeting G3BP Mediated Stress Granule Assembly in Preclinical Models. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(14), e2412152.

Yu J, et al. (2025) Activation of Nuclear Receptor CAR: A Pathway to Delay Aging through Enhanced Capacity for Xenobiotic Resistance. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 12(12), e2416823.

McMillen A, et al. (2025) Dopaminergic Modulation of Short-Term Associative Memory in *Caenorhabditis elegans*. *Journal of neurochemistry*, 169(8), e70200.

Yu J, et al. (2024) Magnolol extends lifespan and improves age-related neurodegeneration in *Caenorhabditis elegans* via increase of stress resistance. *Scientific reports*, 14(1), 3158.