

Resource Summary Report

Generated by [dkNET](#) on Sep 6, 2026

CA1200

RRID:WB-STRAIN:WBStrain00004055

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00004055

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00004055>

Proper Citation: RRID:WB-STRAIN:WBStrain00004055

Description: Caenorhabditis elegans with name ieSi57 [eft-3p::TIR1::mRuby::unc-54 3'UTR + Cbr-unc-119(+)] II. from WB.

Species: Caenorhabditis elegans

Synonyms: ieSi57 [eft-3p::TIR1::mRuby::unc-54 3'UTR + Cbr-unc-119(+)] II.

Notes: ieSi57 [eft-3p::TIR1::mRuby::unc-54 3'UTR + Cbr-unc-119(+)] II. Single copy transgene inserted into chromosome II (oxTi179) expressing modified Arabidopsis thaliana TIR1 tagged with mRuby in the soma. This strain can be used for auxin-inducible degradation (AID) in somatic tissues. Reference: Zhang L, et al. Development. 2015 Nov 9. pii: dev.129635.|"WBStrain provided so WBPaper00060223 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00060754 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00061869 paper added based on AFP_Strain data."|"WBStrain provided so WBPaper00062146 paper added based on AFP_Strain data."

Affected Gene: WBGene00006843(unc-119)

Genomic Alteration: WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00004055

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:32550513](#), [PMID:32550493](#), [PMID:33300872](#), [PMID:34505574](#), [PMID:34663906](#), [PMID:34865044](#), [PMID:37507441](#), [PMID:38282418](#), [PMID:38878287](#)

Alternate IDs: WB-STRAIN:CA1200, CGC_CA1200

Organism Name: CA1200

Record Creation Time: 20230227T013249+0000

Record Last Update: 20260905T114611+0000

Ratings and Alerts

No rating or validation information has been found for CA1200.

No alerts have been found for CA1200.

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 [dkNET](#) .

Sharma N, et al. (2024) Protocol for auxin-inducible protein degradation in *C. elegans* using different auxins and TIR1-expressing strains. STAR protocols, 5(3), 103133.

Al-Refaie N, et al. (2024) Fasting shapes chromatin architecture through an mTOR/RNA Pol I axis. Nature cell biology, 26(11), 1903.

Correa E, et al. (2024) UNC-30/PITX coordinates neurotransmitter identity with postsynaptic GABA receptor clustering. Development (Cambridge, England), 151(16).

Vogt MC, et al. (2023) Starvation-induced changes in somatic insulin/IGF-1R signaling drive metabolic programming across generations. Science advances, 9(14), eade1817.

Johnson LC, et al. (2023) NHR-23 activity is necessary for *C. elegans* developmental progression and apical extracellular matrix structure and function. Development (Cambridge, England), 150(10).

Smith HJ, et al. (2023) Neuronal mTORC1 inhibition promotes longevity without suppressing anabolic growth and reproduction in *C. elegans*. PLoS genetics, 19(9), e1010938.

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