

Resource Summary Report

Generated by [dkNET](#) on Sep 5, 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).

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

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

e1010938.