Resource Summary Report

Generated by PRECISE-TBI on Aug 20, 2026

ieSi57 II; daf-2(hq363[daf-2::degron::mNeonGreen]) unc-119(ed3) III.

RRID:WB-STRAIN:WBStrain00051786
Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00051786

Organism Information

URL: http://www.wormbase.org/db/get?name=WBStrain00051786

Proper Citation: RRID:WB-STRAIN:WBStrain00051786

Description: Caenorhabditis elegans with name ieSi57 II; daf-2(hq363[daf-2::degron::mNeonGreen]) unc-119(ed3) III. from WB.

Species: Caenorhabditis elegans

Synonyms: ieSi57 II; daf-2(hq363[daf-2::degron::mNeonGreen]) unc-119(ed3) III.

Notes: ieSi57 [eft-3p::TIR1::mRuby::unc-54 3' UTR + Cbr-unc-119(+)] II. Degron and mNeonGreen tag inserted at the 3' end of the endogenous daf-2 gene locus by CRISPR/Cas9 engineering. A single copy transgene was 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) of DAF-2 protein in somatic tissues. Reference: Zhang Y, et al. BioRxiv. 2021 Aug 2. 2007.2031.454567. https:|"Made_by: Yan-Ping Zhang, Wen-Hong Zhang"

Affected Gene: WBGene00000898(daf-2)|WBGene00006843(unc-119)

Genomic Alteration: WBGene00000898(daf-2), WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00051786

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: ieSi57 II; daf-2(hq363[daf-2::degron::mNeonGreen]) unc-119(ed3) III.

Record Creation Time: 20230227T013850+0000

Record Last Update: 20260815T163750+0000

Ratings and Alerts

No rating or validation information has been found for ieSi57 II; daf-2(hq363[daf-2::degron::mNeonGreen]) unc-119(ed3) III..

No alerts have been found for ieSi57 II; daf-2(hq363[daf-2::degron::mNeonGreen]) unc-119(ed3) III..

Data and Source Information

Source: Integrated Animals

Source Database: WormBase (WB)

Usage and Citation Metrics

We have not found any literature mentions for this resource.