

Resource Summary Report

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

ieSi57 II; ers54[dpy-27::degron::GFP] III.

RRID:WB-STRAIN:WBStrain00054734

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00054734

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00054734>

Proper Citation: RRID:WB-STRAIN:WBStrain00054734

Description: Caenorhabditis elegans with name ieSi57 II; ers54[dpy-27::degron::GFP] III. from WB.

Species: Caenorhabditis elegans

Synonyms: ieSi57 II; ers54[dpy-27::degron::GFP] III.

Notes: ieSi57 [eft-3p::TIR1::mRuby::unc-54 3'UTR + Cbr-unc-119(+)] II. Degron::GFP tag inserted into the endogenous dpy-27 locus. Dumpy, Him, X chromosome dosage compensation hypomorph. ieSi57 is a single-copy transgene insertion 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 target proteins in somatic tissues. Reference: Morao AK, et al. Mol Cell. 2022 Nov 17;82(22):4202-4217.e5. doi: 10.1016/j.molcel.2022.10.002. PMID: 36302374.|"Made_by: Ana Morao"

Affected Gene: WBGene00001086(dpy-27)

Genomic Alteration: WBGene00001086(dpy-27)

Catalog Number: WB-STRAIN:WBStrain00054734

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: ieSi57 II; ers54[dpy-27::degron::GFP] III.

Record Creation Time: 20240716T202604+0000

Record Last Update: 20260725T172814+0000

Ratings and Alerts

No rating or validation information has been found for ieSi57 II; ers54[dpy-27::degron::GFP] III..

No alerts have been found for ieSi57 II; ers54[dpy-27::degron::GFP] 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.