

Resource Summary Report

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

hsf-1(ljt3[hsf-1::degron::gfp]) I; ieSi57 II; unc-119(ed3) III.

RRID:WB-STRAIN:WBStrain00050114

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00050114

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00050114>

Proper Citation: RRID:WB-STRAIN:WBStrain00050114

Description: Caenorhabditis elegans with name hsf-1(ljt3[hsf-1::degron::gfp]) I; ieSi57 II; unc-119(ed3) III. from WB.

Species: Caenorhabditis elegans

Synonyms: hsf-1(ljt3[hsf-1::degron::gfp]) I; ieSi57 II; unc-119(ed3) III.

Notes: Generated from papers flagged positive during the last month for data type afp_otherstrain and contains genotype and gene data.|"ieSi57 [eft-3p::TIR1::mRuby::unc-54 3'UTR + Cbr-unc-119(+)] II. Endogenous hsf-1 tagged with the auxin-inducible-degron and GFP allows depletion of endogenous HSF-1 in the somatic tissues upon auxin treatment. Animals treated with 1mM of auxin when eggs are laid will arrest in L1 or L2 stage. Reference: Edwards SL, et al. Cell Rep. 2021 Aug 31;36(9):109623. PMID2021 Aug 31;36(9):109623. PMID: 34469721|"Made_by: Alison Jalanti"

Affected Gene: WBGene00002004(hsf-1)|WBGene00006843(unc-119)

Genomic Alteration: WBGene00002004(hsf-1), WBGene00006843(unc-119)

Catalog Number: WB-STRAIN:WBStrain00050114

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Source References: [PMID:34469721](#)

Organism Name: hsf-1(ljt3[hsf-1::degron::gfp]) I; ieSi57 II; unc-119(ed3) III.

Record Creation Time: 20230227T013837+0000

Record Last Update: 20260725T172716+0000

Ratings and Alerts

No rating or validation information has been found for hsf-1(ljt3[hsf-1::degron::gfp]) I; ieSi57 II; unc-119(ed3) III..

No alerts have been found for hsf-1(ljt3[hsf-1::degron::gfp]) I; ieSi57 II; 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.