

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

ieSi57 raga-1(wbm40[raga-1::AID::EmGFP]) II.

RRID:WB-STRAIN:WBStrain00063353

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00063353

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00063353>

Proper Citation: RRID:WB-STRAIN:WBStrain00063353

Description: Caenorhabditis elegans with name ieSi57 raga-1(wbm40[raga-1::AID::EmGFP]) II. from WB.

Species: Caenorhabditis elegans

Synonyms: ieSi57 raga-1(wbm40[raga-1::AID::EmGFP]) II.

Notes: ieSi57 [eft-3p::TIR1::mRuby::unc-54 3'UTR + Cbr-unc-119(+)] II. Auxin-inducible degron (AID) and EmGFP tags inserted at the C-terminus of the endogenous raga-1 locus using CRISPR/Cas9. Somatic expression of TIR1 allows for auxin-inducible degradation of RAGA-1 in the soma. Reference: Smith HJ, et al. PLOS Genetics 19(9): e1010938. [https://doi.org/10.1371/journal.pgen.1010938](#)
Made_by: Hannah J Smith"

Affected Gene: WBGene00006414(raga-1)

Genomic Alteration: WBGene00006414(raga-1)

Catalog Number: WB-STRAIN:WBStrain00063353

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: ieSi57 raga-1(wbm40[raga-1::AID::EmGFP]) II.

Record Creation Time: 20250827T213357+0000

Record Last Update: 20260905T115953+0000

Ratings and Alerts

No rating or validation information has been found for ieSi57 raga-1(wbm40[raga-1::AID::EmGFP]) II..

No alerts have been found for ieSi57 raga-1(wbm40[raga-1::AID::EmGFP]) II..

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Stojanovski K, et al. (2023) Maintenance of appropriate size scaling of the C. elegans pharynx by YAP-1. Nature communications, 14(1), 7564.