

Resource Summary Report

Generated by T1D on Sep 22, 2026

daf-16(ot853[daf-16::mNG::AID]) I; otSi2 II.

RRID:WB-STRAIN:WBStrain00062889

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00062889

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00062889>

Proper Citation: RRID:WB-STRAIN:WBStrain00062889

Description: Caenorhabditis elegans with name daf-16(ot853[daf-16::mNG::AID]) I; otSi2 II. from WB.

Species: Caenorhabditis elegans

Synonyms: daf-16(ot853[daf-16::mNG::AID]) I; otSi2 II.

Notes: otSi2 [ges-1p::TIR1(F79G)::mRuby::unc-54 3'UTR + Cbr-unc-119(+)*ieSi61] II. Intestine-specific TIR1 sequence in ieSi61 allele was edited to TIR1(F79G) using CRISPR/Cas9 to make it compatible with AID2. [TCC GTC GAG CTC AAG GGA AAG CCA CAC TTC] edited to [AGT GTC GAA TTG AAG GGA AAG CCA CAC GGA]. This strain can be used to deplete DAF-16 specifically from the intestine with the modified auxin 5-Ph-IAA. Reference: Sural S, et al. bioRxiv 2025.01.06.631508; doi: <https://doi.org/10.1101/2025.01.06.631508>

Affected Gene: WBGene00000912(daf-16)

Genomic Alteration: WBGene00000912(daf-16)

Catalog Number: WB-STRAIN:WBStrain00062889

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: daf-16(ot853[daf-16::mNG::AID]) I; otSi2 II.

Record Creation Time: 20250827T213350+0000

Record Last Update: 20260919T181437+0000

Ratings and Alerts

No rating or validation information has been found for daf-16(ot853[daf-16::mNG::AID]) I; otSi2 II..

No alerts have been found for daf-16(ot853[daf-16::mNG::AID]) I; otSi2 II..

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.