

Resource Summary Report

Generated by [NIF](#) on Sep 6, 2026

DMS441

RRID:WB-STRAIN:WBStrain00006143

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00006143

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00006143>

Proper Citation: RRID:WB-STRAIN:WBStrain00006143

Description: Caenorhabditis elegans with name acdh-11(n5878) III; nls590 V. from WB.

Species: Caenorhabditis elegans

Synonyms: acdh-11(n5878) III; nls590 V.

Notes: nls590 [fat-7p::fat-7::GFP + lin15(+)] V. The fat-7::fat-7::GFP translational reporter is activated constitutively by loss of acdh-11 function. acdh-11(n5878) is a 366 bp deletion. Reference: Ma et al., Cell. 2015 May 21; 161(5): 11521163.

Affected Gene: WBGene00012860(acdh-11)

Genomic Alteration: WBGene00012860(acdh-11)

Catalog Number: WB-STRAIN:WBStrain00006143

Database: WormBase (WB)

Database Abbreviation: WB

Availability: available

Source References: [PMID:38374083](#)

Alternate IDs: WB-STRAIN:DMS441, CGC_DMS441

Organism Name: DMS441

Record Creation Time: 20230227T013305+0000

Record Last Update: 20260905T114641+0000

Ratings and Alerts

No rating or validation information has been found for DMS441.

No alerts have been found for DMS441.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: WormBase (WB)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Fox BW, et al. (2024) Evolutionarily related host and microbial pathways regulate fat desaturation in *C. elegans*. Nature communications, 15(1), 1520.

Fox BW, et al. (2023) Evolutionarily related host and microbial pathways regulate fat desaturation. bioRxiv : the preprint server for biology.