

Resource Summary Report

Generated by [Kravitz](#) on Sep 22, 2026

alg-1(ma447) X.

RRID:WB-STRAIN:WBStrain00060491

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00060491

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00060491>

Proper Citation: RRID:WB-STRAIN:WBStrain00060491

Description: Caenorhabditis elegans with name alg-1(ma447) X. from WB.

Species: Caenorhabditis elegans

Synonyms: alg-1(ma447) X.

Notes: col-19::GFP expression variant; lethal; vulva development defect]"Maintain at 20C. ma447 is a F180(deletion) mimicking human AGO1 F180 mutation. Adult ma447 mutants exhibit reduced or absent COL-19::GFP expression in Hyp7 cells. Defective vulval development and adult lethality are more penetrant at restrictive temperature (25C). Reference: Duan Y, et al. Proc Natl Acad Sci USA. 2024 Mar 5;121(10):e2308255121. doi: 10.1073/pnas.2308255121. PMID: 38412125."

Affected Gene: WBGene00000105(alg-1)

Genomic Alteration: WBGene00000105(alg-1)

Catalog Number: WB-STRAIN:WBStrain00060491

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Source References: [PMID:38412125](#)

Organism Name: alg-1(ma447) X.

Record Creation Time: 20250331T233733+0000

Record Last Update: 20260919T181405+0000

Ratings and Alerts

No rating or validation information has been found for alg-1(ma447) X..

No alerts have been found for alg-1(ma447) X..

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.