

Resource Summary Report

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[oac-45\(sy1742\) I.](#)

RRID:WB-STRAIN:WBStrain00055299

Type: Organism

Proper Citation

RRID:WB-STRAIN:WBStrain00055299

Organism Information

URL: <http://www.wormbase.org/db/get?name=WBStrain00055299>

Proper Citation: RRID:WB-STRAIN:WBStrain00055299

Description: Caenorhabditis elegans with name oac-45(sy1742) I. from WB.

Species: Caenorhabditis elegans

Synonyms: oac-45(sy1742) I.

Notes: Made_by: Heenam Park|"Superficially wild-type. CRISPR/Cas9 engineered STOP-IN null mutant of oac-45. Universal 43 bp-long knock-in insertion with 3-frame stop codon (STOP-IN cassette). left flanking sequence:

GTTCTTGGATTTTCATTTCTACCCTAATCAGTTTCCC right flanking sequence:

AATGGGTACCTTGGAGTTGATCAgtaaggtttttag inserted sequence between the two flanking sequence (STOP-IN cassette):

GGGAAGTTTGTCCAGAGCAGAGGTGACTAAGTGATAAgctagc. sgRNA:

ACCCTAATCAGTTTCCCAAT Method Reference: G3 (Bethesda).2018 Nov 6;8(11):3607-3616"

Affected Gene: WBGene00011656(oac-45)

Genomic Alteration: WBGene00011656(oac-45)

Catalog Number: WB-STRAIN:WBStrain00055299

Database: WormBase (WB)

Database Abbreviation: WB

Availability: unknown

Organism Name: oac-45(sy1742) I.

Record Creation Time: 20240716T202609+0000

Record Last Update: 20260912T182141+0000

Ratings and Alerts

No rating or validation information has been found for oac-45(sy1742) I..

No alerts have been found for oac-45(sy1742) I..

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.