

Resource Summary Report

Generated by [NIF](#) on Sep 3, 2026

pDTFendoNA2

RRID:Addgene_174731

Type: Plasmid

Proper Citation

RRID:Addgene_174731

Plasmid Information

URL: <http://www.addgene.org/174731>

Proper Citation: RRID:Addgene_174731

Insert Name: DT386F

Organism: Corynebacterium diphtheriae

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34315766](#)

Vector Backbone Description: Backbone Marker:Finne lab; Backbone Size:7102; Vector Backbone:pFEndoNA2; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: This plasmid can be amplified and maintained in ampicillin-sensitive E. coli strains that harbor the lacIq mutation (such as XL1 Blue and JM109) or carries the pREP4 repressor plasmid (such as M15 [pREP4]).

Plasmid Name: pDTFendoNA2

Relevant Mutation: Deleted amino acids 412-560 (the receptor binding domain R of diphtheria toxin) and added the furin protease cleavage motif RVRR.

Record Creation Time: 20220422T222010+0000

Record Last Update: 20260902T042931+0000

Ratings and Alerts

No rating or validation information has been found for pDTFendoNA2.

No alerts have been found for pDTFendoNA2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.