

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 13, 2026

pDEST-Spe4-RfA

RRID:Addgene_186375

Type: Plasmid

Proper Citation

RRID:Addgene_186375

Plasmid Information

URL: <http://www.addgene.org/186375>

Proper Citation: RRID:Addgene_186375

Bacterial Resistance: Chloramphenicol and Ampicillin

Vector Backbone Description: Backbone Marker:PMID: 17878951; Backbone Size:4888; Vector Backbone:pDEST-Spe3-RfA; Vector Types:Gateway Cloning; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: Gateway destination vector for mRNA production to overexpress a protein of interest following microinjection into ascidian eggs. Likely to be useful for zebrafish, Xenopus, urchin and cnidarian (Clytia, Nematostella...) overexpression studies as well. This plasmid was obtained by gene synthesis from pDEST-Spe3-RfA by addition of a BglII-Zral-AatII-StuI-SnaBI (agatctgacgtcaggccttacgta) polylinker before the attR1 sequence and an EcoRV-SacII-AfeI-BstEII-AvrII (gatatcgcgccgcggaagcgctggttacctagg) polylinker after the attR2 sequence.

Plasmid Name: pDEST-Spe4-RfA

Record Creation Time: 20221007T233834+0000

Record Last Update: 20260808T082524+0000

Ratings and Alerts

No rating or validation information has been found for pDEST-Spe4-RfA.

No alerts have been found for pDEST-Spe4-RfA.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.