

Resource Summary Report

Generated by [RRID](#) on Aug 25, 2026

[pORFE0002](#)

RRID:Addgene_112071

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/112071>

Proper Citation: RRID:Addgene_112071

Insert Name: AtCAS9 nickase D10A

Organism: Other

Bacterial Resistance: Spectinomycin

Vector Backbone Description: Vector Backbone:pICH41308; Vector Types:Plant Expression, CRISPR; Bacterial Resistance:Spectinomycin

Comments: BsaI and BbsI sites have been removed from the sequence by site-directed mutagenesis, however the amino acid sequence is as in the original AtCas9 pDe-CAS9-D10A vector from H. Puchta lab.

Plasmid Name: pORFE0002

Relevant Mutation: Plant codon optimized nCas9 D10A S. pyogenes

Record Creation Time: 20220422T221546+0000

Record Last Update: 20260815T080157+0000

Ratings and Alerts

No rating or validation information has been found for pORFE0002.

No alerts have been found for pORFE0002.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.