

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pORFE0001

RRID:Addgene_112070

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/112070>

Proper Citation: RRID:Addgene_112070

Insert Name: AtCAS9

Organism: Other

Bacterial Resistance: Spectinomycin

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

Comments: Bsal 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 vector from H. Puchta lab.

Plasmid Name: pORFE0001

Relevant Mutation: Plant codon optimized Cas9 *S. pyogenes*

Record Creation Time: 20220422T221546+0000

Record Last Update: 20260725T073515+0000

Ratings and Alerts

No rating or validation information has been found for pORFE0001.

No alerts have been found for pORFE0001.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.