

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 9, 2026

PEA1-Nuclease

RRID:Addgene_176528

Type: Plasmid

Proper Citation

RRID:Addgene_176528

Plasmid Information

URL: <http://www.addgene.org/176528>

Proper Citation: RRID:Addgene_176528

Insert Name: CbH-Cas9-RT, hU6-pegRNA (Bbs1 gate), hU6-sgRNA (Bbs1 gate)

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34534334](#)

Vector Backbone Description: Backbone Marker:Addgene 171992; Vector Backbone:PEA1-Nuclease-Puro; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: PEA1-Nuclease

Relevant Mutation: GC to CA point mutation in SpCas9 to restore nuclease function

Record Creation Time: 20220422T222020+0000

Record Last Update: 20260808T081306+0000

Ratings and Alerts

No rating or validation information has been found for PEA1-Nuclease.

No alerts have been found for PEA1-Nuclease.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.