

Resource Summary Report

Generated by [dkNET](#) on Aug 29, 2026

PEA1-Nuclease-GFP

RRID:Addgene_171994

Type: Plasmid

Proper Citation

RRID:Addgene_171994

Plasmid Information

URL: <http://www.addgene.org/171994>

Proper Citation: RRID:Addgene_171994

Insert Name: CbH-Cas9-RT-T2A-GFP, hU6-pegRNA (Bbs1 gate), hU6-sgRNA (Bbs1 gate)

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:34534334](#)

Vector Backbone Description: Vector Backbone:pCMV-PE2; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Comments: Full sequence <https://benchling.com/s/seq-hFIfAYFnD7vtemxXRY19>.

Plasmid Name: PEA1-Nuclease-GFP

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

Record Creation Time: 20220422T221959+0000

Record Last Update: 20260829T080008+0000

Ratings and Alerts

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

No alerts have been found for PEA1-Nuclease-GFP.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.