

Resource Summary Report

Generated by [PRECISE-TBI](#) on Aug 10, 2026

pPPEDs

RRID:Addgene_162469

Type: Plasmid

Proper Citation

RRID:Addgene_162469

Plasmid Information

URL: <http://www.addgene.org/162469>

Proper Citation: RRID:Addgene_162469

Insert Name: Cas9H840A

Organism: Synthetic

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:34713247](#)

Vector Backbone Description: Backbone Marker:Stratagene; Backbone Size:2958; Vector Backbone:pBS(-); Vector Types:Plant Expression, Prime editing destination vector for transient expression in dicot plant protoplast; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: This vector was modified from pPPED, which is made by Dr. Ning Zhang from Dr. Greg Martin lab. reference: 1. Targeted genome modifications in soybean with CRISPR/Cas9. Jacobs TB, LaFayette PR, Schmitz RJ, Parrott WA. BMC Biotechnology. 2015;15:16. Please visit <https://www.biorxiv.org/content/10.1101/2020.07.16.206276v1> for bioRxiv preprint.

Plasmid Name: pPPEDs

Relevant Mutation: Change histidine 840 to Alanine

Record Creation Time: 20220422T221918+0000

Record Last Update: 20260808T081114+0000

Ratings and Alerts

No rating or validation information has been found for pPPEDs.

No alerts have been found for pPPEDs.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.