Resource Summary Report

Generated by kravitz2 on Aug 9, 2026

pCas9-HE

RRID:Addgene_109400
Type: Plasmid

Proper Citation

RRID:Addgene_109400

Plasmid Information

URL: http://www.addgene.org/109400

Proper Citation: RRID:Addgene_109400

Insert Name: HDR-Enhancer domain of human CtIP protein

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: PMID:29556040

Vector Backbone Description: Backbone Marker:Church lab A; Vector Backbone:hCas9 Addgene ID 41815; Vector Types:; Bacterial Resistance:Ampicillin

Comments: Note from depositor: The sequence used for the HDR enhancer domain of CtIP has several differences compared to the reference human CtIP cDNA sequence including T176A. These differences were present in the CtIP expression vector used to make the constructs and do not affect activity.

Plasmid Name: pCas9-HE

Record Creation Time: 20220422T221531+0000

Record Last Update: 20260808T080418+0000

Ratings and Alerts

No rating or validation information has been found for pCas9-HE.

No alerts have been found for pCas9-HE.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 3 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Schimmel J, et al. (2023) Modulating mutational outcomes and improving precise gene editing at CRISPR-Cas9-induced breaks by chemical inhibition of end-joining pathways. Cell reports, 42(2), 112019.

Bodai Z, et al. (2022) Targeting double-strand break indel byproducts with secondary guide RNAs improves Cas9 HDR-mediated genome editing efficiencies. Nature communications, 13(1), 2351.

Ma L, et al. (2020) MiCas9 increases large size gene knock-in rates and reduces undesirable on-target and off-target indel edits. Nature communications, 11(1), 6082.