

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

[pCas3cRh](#)

RRID:Addgene_133773

Type: Plasmid

Proper Citation

RRID:Addgene_133773

Plasmid Information

URL: <http://www.addgene.org/133773>

Proper Citation: RRID:Addgene_133773

Insert Name: RhaR

Bacterial Resistance: Gentamicin

Defining Citation: [PMID:33077967](#)

Vector Backbone Description: Backbone Marker:Dongru Qiu, Hongwei D. Yu; Backbone Size:5216; Vector Backbone:pHERD30T; Vector Types:Bacterial Expression; Bacterial Resistance:Gentamicin

Comments: Please note: Plasmid contains a K244R mutation in pRO1600 Rep. This mutation is not known to affect plasmid function.

Plasmid Name: pCas3cRh

Record Creation Time: 20220422T221740+0000

Record Last Update: 20260815T080539+0000

Ratings and Alerts

No rating or validation information has been found for pCas3cRh.

No alerts have been found for pCas3cRh.

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 [RRID](#) .

Huang J, et al. (2026) Sensitizing carbapenem-resistant *Klebsiella pneumoniae* using a compact Cascade-Cas3 system. *International microbiology : the official journal of the Spanish Society for Microbiology*.

Huang J, et al. (2025) Comparison of CRISPR-Cas9, CRISPR-Cas12f1, and CRISPR-Cas3 in eradicating resistance genes KPC-2 and IMP-4. *Microbiology spectrum*, 13(6), e0257224.

Cingolani G, et al. (2024) Integrative structural analysis of *Pseudomonas* phage DEV reveals a genome ejection motor. *Research square*.