

Resource Summary Report

Generated by [RRID](#) on Aug 21, 2026

pJSC270 - Bacterial expression plasmid for SpCas9 eSpCas9(1.1)-HF1 variant

RRID:Addgene_101217

Type: Plasmid

Proper Citation

RRID:Addgene_101217

Plasmid Information

URL: <http://www.addgene.org/101217>

Proper Citation: RRID:Addgene_101217

Insert Name: SpCas9 variant K848A/K1003A/R1060A/N497A/R661A/Q695A/Q926A

Organism: Streptococcus pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:28931002](https://pubmed.ncbi.nlm.nih.gov/28931002/)

Vector Backbone Description: Backbone Marker:Doudna lab; Vector Backbone:pCT10; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: Please visit <https://www.biorxiv.org/content/early/2017/08/12/160036> for bioRxiv preprint.

Plasmid Name: pJSC270 - Bacterial expression plasmid for SpCas9 eSpCas9(1.1)-HF1 variant

Relevant Mutation: K848A, K1003A, R1060A, N497A, R661A, Q695A and Q926A

Record Creation Time: 20220422T221452+0000

Record Last Update: 20260815T080018+0000

Ratings and Alerts

No rating or validation information has been found for pJSC270 - Bacterial expression plasmid for SpCas9 eSpCas9(1.1)-HF1 variant.

No alerts have been found for pJSC270 - Bacterial expression plasmid for SpCas9 eSpCas9(1.1)-HF1 variant.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#).

Collias D, et al. (2020) A positive, growth-based PAM screen identifies noncanonical motifs recognized by the *S. pyogenes* Cas9. *Science advances*, 6(29), eabb4054.