Resource Summary Report

Generated by PRECISE-TBI on Jul 29, 2026

pJSC114 - Bacterial expression plasmid for SpCas9 eSpCas9(1.1) variant

RRID:Addgene_101215
Type: Plasmid

Proper Citation

RRID:Addgene_101215

Plasmid Information

URL: http://www.addgene.org/101215

Proper Citation: RRID:Addgene_101215

Insert Name: SpCas9 variant K848A/K1003A/R1060A

Organism: Streptococcus pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: PMID: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: pJSC114 - Bacterial expression plasmid for SpCas9 eSpCas9(1.1) variant

Relevant Mutation: K848A, K1003A and R1060A

Record Creation Time: 20220422T221452+0000

Record Last Update: 20260725T073342+0000

Ratings and Alerts

No rating or validation information has been found for pJSC114 - Bacterial expression plasmid for SpCas9 eSpCas9(1.1) variant.

No alerts have been found for pJSC114 - Bacterial expression plasmid for SpCas9 eSpCas9(1.1) variant.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at PRECISE-TBI .

Wang Y, et al. (2022) Achieving single nucleotide sensitivity in direct hybridization genome imaging. Nature communications, 13(1), 7776.

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.