

Resource Summary Report

Generated by [RRID](#) on Aug 24, 2026

pJSC011 - Bacterial expression plasmid for SpCas9 Cluster 1 (HypaCas9), HNH FRET variant

RRID:Addgene_101229

Type: Plasmid

Proper Citation

RRID:Addgene_101229

Plasmid Information

URL: <http://www.addgene.org/101229>

Proper Citation: RRID:Addgene_101229

Insert Name: SpCas9 variant C80S/C574S/S355C/S867C/N692A/M694A/Q695A/H698A

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: pJSC011 - Bacterial expression plasmid for SpCas9 Cluster 1 (HypaCas9), HNH FRET variant

Relevant Mutation: C80S, C574S, S355C, S867C, N692A, M694A, Q695A and H698A

Record Creation Time: 20220422T221452+0000

Record Last Update: 20260815T080018+0000

Ratings and Alerts

No rating or validation information has been found for pJSC011 - Bacterial expression plasmid for SpCas9 Cluster 1 (HypaCas9), HNH FRET variant.

No alerts have been found for pJSC011 - Bacterial expression plasmid for SpCas9 Cluster 1 (HypaCas9), HNH FRET variant.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.