

Resource Summary Report

Generated by [dkNET](#) on Sep 16, 2026

AA69_pU.CAG.Cas9-eSp(1.1)-D10A.rBGpA.2NLS

RRID:Addgene_199252

Type: Plasmid

Proper Citation

RRID:Addgene_199252

Plasmid Information

URL: <http://www.addgene.org/199252>

Proper Citation: RRID:Addgene_199252

Insert Name: High specificity eSpCas9(1.1)-D10A nickase

Organism: Streptococcus pyogenes

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:33398349](#)

Vector Backbone Description: Backbone Size:4965; Vector Backbone:pBR322; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Comments: SpCas9 endonuclease from the Streptococcus pyogenes Type II CRISPR/Cas system, mutated to improve targeting specificity (Slaymaker et al., 2016) was modified via the introduction of the RuvC nuclease domain-disabling mutation D10A and placed in a pCAG.rBGpA expression plasmid backbone.

Plasmid Name: AA69_pU.CAG.Cas9-eSp(1.1)-D10A.rBGpA.2NLS

Relevant Mutation: D10A K848A K1003A R1060A

Record Creation Time: 20230429T080608+0000

Record Last Update: 20260912T093745+0000

Ratings and Alerts

No rating or validation information has been found for AA69_pU.CAG.Cas9-eSp(1.1)-D10A.rBGpA.2NLS.

No alerts have been found for AA69_pU.CAG.Cas9-eSp(1.1)-D10A.rBGpA.2NLS.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.