

Resource Summary Report

Generated by [RRID](#) on Aug 28, 2026

MSP1101

RRID:Addgene_65773

Type: Plasmid

Proper Citation

RRID:Addgene_65773

Plasmid Information

URL: <http://www.addgene.org/65773>

Proper Citation: RRID:Addgene_65773

Insert Name: mammalian codon-optimized Streptococcus pyogenes Cas9 (D1135V/G1218R/R1335E/T1337R)-NLS-3XFlag

Organism: Other

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:26098369](#)

Vector Backbone Description: Backbone Marker:Joung lab (Addgene Plasmid # 43861); Vector Backbone:JDS246; Vector Types:Mammalian Expression, CRISPR; Bacterial Resistance:Ampicillin

Plasmid Name: MSP1101

Relevant Mutation: D1135V, G1218R, R1335E, and T1337R mutations in Cas9

Record Creation Time: 20220422T222414+0000

Record Last Update: 20260826T042454+0000

Ratings and Alerts

No rating or validation information has been found for MSP1101.

No alerts have been found for MSP1101.

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 [RRID](#) .

Jeong YK, et al. (2019) Construction of non-canonical PAM-targeting adenosine base editors by restriction enzyme-free DNA cloning using CRISPR-Cas9. Scientific reports, 9(1), 4939.

Zafra MP, et al. (2018) Optimized base editors enable efficient editing in cells, organoids and mice. Nature biotechnology, 36(9), 888.