

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

MSP680

RRID:Addgene_65772

Type: Plasmid

Proper Citation

RRID:Addgene_65772

Plasmid Information

URL: <http://www.addgene.org/65772>

Proper Citation: RRID:Addgene_65772

Insert Name: mammalian codon-optimized Streptococcus pyogenes Cas9 (D1135E/R1335Q/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: MSP680

Relevant Mutation: D1135E, R1335Q, and T1337R mutations in Cas9

Record Creation Time: 20220422T222414+0000

Record Last Update: 20260725T075012+0000

Ratings and Alerts

No rating or validation information has been found for MSP680.

No alerts have been found for MSP680.

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 [NIF](#) .

Loveless TB, et al. (2021) Lineage tracing and analog recording in mammalian cells by single-site DNA writing. Nature chemical biology, 17(6), 739.

Yang M, et al. (2017) Targeted Disruption of V600E-Mutant BRAF Gene by CRISPR-Cpf1. Molecular therapy. Nucleic acids, 8, 450.