Resource Summary Report

Generated by PRECISE-TBI on Aug 31, 2026

MSP1673

RRID:Addgene_65769
Type: Plasmid

Proper Citation

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Plasmid Information

URL: http://www.addgene.org/65769

Proper Citation: RRID:Addgene_65769

Insert Name: mammalian codon-optimized Streptococcus thermophilus1 Cas9-NLS, and St1Cas9 gRNA

Organism: Other

Bacterial Resistance: Chloramphenicol

Defining Citation: PMID:26098369

Vector Backbone Description: Backbone Marker:EMD Millipore; Vector Backbone:pACYCDuet-1; Vector Types:Bacterial Expression, CRISPR; Bacterial Resistance:Chloramphenicol

Comments: Use BspMI sites to insert sgRNA spacer sequence into the vector.

Plasmid Name: MSP1673

Record Creation Time: 20220422T222414+0000

Record Last Update: 20260829T080900+0000

Ratings and Alerts

No rating or validation information has been found for MSP1673.

No alerts have been found for MSP1673.

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 .

Chen Q, et al. (2025) Engineered AcrIIA5 for optogenetic control of CRISPR-Cas9-based genome editing. mLife, 4(6), 697.

Sung LY, et al. (2019) Combining orthogonal CRISPR and CRISPRi systems for genome engineering and metabolic pathway modulation in Escherichia coli. Biotechnology and bioengineering, 116(5), 1066.