

Resource Summary Report

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

MSP712

RRID:Addgene_65768

Type: Plasmid

Proper Citation

RRID:Addgene_65768

Plasmid Information

URL: <http://www.addgene.org/65768>

Proper Citation: RRID:Addgene_65768

Insert Name: mammalian codon-optimized Streptococcus pyogenes dCas9 (D10A/H840A)-NLS-3XFlag, and SpCas9 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 BsaI sites to insert sgRNA spacer sequence into the vector.

Plasmid Name: MSP712

Relevant Mutation: D10A and H840A 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 MSP712.

No alerts have been found for MSP712.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

McInally SG, et al. (2019) Robust and stable transcriptional repression in Giardia using CRISPRi. Molecular biology of the cell, 30(1), 119.