

Resource Summary Report

Generated by [PRECISE-TBI](#) on Sep 5, 2026

pCMV-MfBulKRS (human-opti)

RRID:Addgene_164196

Type: Plasmid

Proper Citation

RRID:Addgene_164196

Plasmid Information

URL: <http://www.addgene.org/164196>

Proper Citation: RRID:Addgene_164196

Insert Name: Mf BulKRS(human-opti)

Organism: Methanosarcina flavescens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:32931698](#)

Vector Backbone Description: Backbone Size:5988; Vector Backbone:pCMV; Vector Types:Mammalian Expression, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: The insert gene-Mf BulKRS gene ID is 53688242. The genetic codon of the insert gene has been human optimized

Plasmid Name: pCMV-MfBulKRS (human-opti)

Relevant Mutation: Y269A;Y347F

Record Creation Time: 20220422T221928+0000

Record Last Update: 20260905T075113+0000

Ratings and Alerts

No rating or validation information has been found for pCMV-MfBulKRS (human-opti).

No alerts have been found for pCMV-MfBulKRS (human-opti).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.