

Resource Summary Report

Generated by [kravitz2](#) on Jul 29, 2026

pSUM-Kan-MCS2

RRID:Addgene_109289

Type: Plasmid

Proper Citation

RRID:Addgene_109289

Plasmid Information

URL: <http://www.addgene.org/109289>

Proper Citation: RRID:Addgene_109289

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:22820329](https://pubmed.ncbi.nlm.nih.gov/22820329/)

Vector Backbone Description: Backbone Marker:from PMID 9218713; Vector Backbone:pSUM36; Vector Types:Bacterial Expression; Bacterial Resistance:Kanamycin

Comments: pSUM-kan-MCS1-gfp was modified to flip the BamHI and HindII sites for directional cloning. The optimized translation initiation site (from pGreenTIR) was cloned at the 3' end of the kanamycin cassette.

Plasmid Name: pSUM-Kan-MCS2

Relevant Mutation: pSUM-kan-MCS1-gfp was modified to reorient the BamHI and HindII sites for directional cloning.

Record Creation Time: 20220422T221530+0000

Record Last Update: 20260725T073448+0000

Ratings and Alerts

No rating or validation information has been found for pSUM-Kan-MCS2.

No alerts have been found for pSUM-Kan-MCS2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.