

Resource Summary Report

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

pMDS1

RRID:Addgene_239460

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/239460>

Proper Citation: RRID:Addgene_239460

Bacterial Resistance: Spectinomycin and Streptomycin

Defining Citation: [PMID:40864707](#)

Vector Backbone Description: Vector Backbone:pMCY2; Vector Types:Bacterial Expression, Plant Expression; Bacterial Resistance:Spectinomycin and Streptomycin

Comments: For cloning a promoter + gene fragment (without stop codon) via Gibson Assembly, we recommend the following approach: Primer design: Forward primer: 5'GATCGGGGCGCGCCCTCGAG+PROMOTER SPECIFIC PRIMER 3' Reverse primer: 5' CAGAACCACACCTCCGGATCC+GENE SPECIFIC PRIMER W/O STOP CODON 3' Digest pMDS1 plasmid with SAP I enzyme Clean up Perform Gibson assembly reaction Transform E. coli (DH5alpha) Select on LB + Sp + Sm

Plasmid Name: pMDS1

Record Creation Time: 20251008T053452+0000

Record Last Update: 20260725T080449+0000

Ratings and Alerts

No rating or validation information has been found for pMDS1.

No alerts have been found for pMDS1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.