

Resource Summary Report

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

pMD19T-psba1-TetR-PL22-dCas9-SpR

RRID:Addgene_73223

Type: Plasmid

Proper Citation

RRID:Addgene_73223

Plasmid Information

URL: <http://www.addgene.org/73223>

Proper Citation: RRID:Addgene_73223

Insert Name: dCas9 from *S. pyogenes*

Organism: *S. pyogenes*

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:26689101](#)

Vector Backbone Description: Backbone Marker:Takara; Vector Backbone:pMD19T simple; Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

Plasmid Name: pMD19T-psba1-TetR-PL22-dCas9-SpR

Relevant Mutation: Silent mutation at bp 1341 A->C to remove an EcoRI site

Record Creation Time: 20220422T222449+0000

Record Last Update: 20260725T075114+0000

Ratings and Alerts

No rating or validation information has been found for pMD19T-psba1-TetR-PL22-dCas9-SpR.

No alerts have been found for pMD19T-psba1-TetR-PL22-dCas9-SpR.

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](#) .

Veit MC, et al. (2025) The necessity of multi-parameter normalization in cyanobacterial research: A case study of the PsbU in Synechocystis sp. PCC 6803 using CRISPRi. The Journal of biological chemistry, 301(11), 110763.