

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 2, 2026

pUC18T-mini-Tn7T-Gm-CC

RRID:Addgene_246943

Type: Plasmid

Proper Citation

RRID:Addgene_246943

Plasmid Information

URL: <http://www.addgene.org/246943>

Proper Citation: RRID:Addgene_246943

Insert Name: Type IF CRISPR-Cas system from Pseudomonas aeruginosa PA14

Organism: Pseudomonas aeruginosa PA14

Bacterial Resistance: Ampicillin and Gentamicin

Defining Citation: [PMID:40904105](#)

Vector Backbone Description: Backbone Marker:Herbert Schweizer (Addgene #63121); Backbone Size:4500; Vector Backbone:pUC18T-mini-Tn7T-Gm; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Ampicillin and Gentamicin

Comments: Synthetic Type IF CRISPR-Cas system based on the sequence from Pseudomonas aeruginosa PA14 with a minimised version of the CRISPR 2 array containing a non-targeting spacer with BbsI restriction sites for cloning. Native promoter regions were cloned as the intergenic region between the CRISPR components and upstream genes. MluI, NsiI, NotI, NcoI, AscI restriction sites were added to make the system modular.

Plasmid Name: pUC18T-mini-Tn7T-Gm-CC

Record Creation Time: 20260211T052942+0000

Record Last Update: 20260902T044854+0000

Ratings and Alerts

No rating or validation information has been found for pUC18T-mini-Tn7T-Gm-CC.

No alerts have been found for pUC18T-mini-Tn7T-Gm-CC.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.