

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

pCMK191

RRID:Addgene_226658

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/226658>

Proper Citation: RRID:Addgene_226658

Bacterial Resistance: Gentamicin

Vector Backbone Description: Backbone Marker:Ichiro Matsumura, Addgene plasmid #26702; Backbone Size:2515; Vector Backbone:pBAV1K-T5-gfp; Vector Types:Unspecified; Bacterial Resistance:Gentamicin

Comments: Use Gentamicin 15 µg/mL in E. coli, Gentamicin 30 µg/mL in Synechococcus sp. PCC 7002 Grow at 30°C in E. coli, grow at 37°C in Synechococcus sp. PCC 7002 For increased transformation into PCC 7002, miniprep this plasmid from E.coli strain DHIP1. DHIP1 deposited under the following paper: Kamoku C, Nielsen DR. Highly Iterated Palindrome 1 (HIP1) sequence improves Synechococcus sp. PCC 7002 transformation efficiencies in a homology- and methylation-dependent manner. Published online September 10, 2024:2024.09.10.611283. doi:10.1101/2024.09.10.611283 Please visit <https://doi.org/10.1101/2024.07.31.606084> for bioRxiv preprint.

Plasmid Name: pCMK191

Record Creation Time: 20250213T090900+0000

Record Last Update: 20260725T080241+0000

Ratings and Alerts

No rating or validation information has been found for pCMK191.

No alerts have been found for pCMK191.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.