

Resource Summary Report

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

pC0.175

RRID:Addgene_119643

Type: Plasmid

Proper Citation

RRID:Addgene_119643

Plasmid Information

URL: <http://www.addgene.org/119643>

Proper Citation: RRID:Addgene_119643

Insert Name: 7942 NS2 Up Flank

Organism: Other

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:30819783](#)

Vector Backbone Description: Backbone Size:2247; Vector Backbone:plCH41295; Vector Types:Synthetic Biology; Bacterial Resistance:Spectinomycin

Comments: Addgene QC NGS identified a sequence discrepancy in the plasmid insert. The depositing lab has confirmed that this should not affect plasmid function. *Synechococcus elongatus* PCC 7942, sequence upstream of Synpcc7942_0085.. Please visit <https://www.biorxiv.org/content/10.1101/426700v1> for bioRxiv preprint.

Plasmid Name: pC0.175

Relevant Mutation: bp 422 A to T, bp 423 A to T, bp 663 inserted G. Deletion of nt 664 in NS2 Up Flank.

Record Creation Time: 20220422T221625+0000

Record Last Update: 20260725T073625+0000

Ratings and Alerts

No rating or validation information has been found for pC0.175.

No alerts have been found for pC0.175.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.