

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pAM1573

RRID:Addgene_40239

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/40239>

Proper Citation: RRID:Addgene_40239

Insert Name: Cm Resistance, neutral site II integration platform for Synechococcus

Organism: Synechococcus elongatus PCC 7942

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:10812624](#)

Vector Backbone Description: Vector Backbone:1572; Vector Types:Cyanobacteria cloning vector; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: NSII vector cloning sites: NheI, XhoI, SmaI, XbaI, StuI, Sall, and EcoRV. Chloramphenicol cassette from pUC1819 (Cm resistant) as a BamHI fragment into BglII site of pAM1572 such that it reads away from the MCS and a ScaI digest gives a 3.9kb band. NSII vector; unique cloning sites NheI, XhoI, SmaI, XbaI, StuI, Sall, EcoRV.

Plasmid Name: pAM1573

Record Creation Time: 20220422T222209+0000

Record Last Update: 20260815T081434+0000

Ratings and Alerts

No rating or validation information has been found for pAM1573.

No alerts have been found for pAM1573.

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 [RRID](#) .

Cao YQ, et al. (2017) AraBAD Based Toolkit for Gene Expression and Metabolic Robustness Improvement in *Synechococcus elongatus*. Scientific reports, 7(1), 18059.