Resource Summary Report

Generated by RRID on Aug 19, 2026

pAM1573

RRID:Addgene_40239
Type: Plasmid

Proper Citation

RRID:Addgene_40239

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, SalI, 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, SalI, 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.