

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

pAM1580

RRID:Addgene_40241

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/40241>

Proper Citation: RRID:Addgene_40241

Insert Name: promoterless luxAB reporter vector

Organism: Synechococcus elongatus PCC 7942

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:10812624](#)

Vector Backbone Description: Vector Backbone:1573; Vector Types:Cyanobacteria cloning vector; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: NSII vector Lux Genes: luxAB cloning sites: NheI, XhoI, SmaI, XbaI, StuI, and Sall. luxAB as Sall-PvuII from pLAVI (pAM884) into EcoRV-Sall cut pAM1573. Sall, StuI, XbaI, SmaI, XhoI, NheI still unique. Glows in E. coli.

Plasmid Name: pAM1580

Record Creation Time: 20220422T222209+0000

Record Last Update: 20260815T081434+0000

Ratings and Alerts

No rating or validation information has been found for pAM1580.

No alerts have been found for pAM1580.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.