

# Resource Summary Report

Generated by [dkNET](#) on Aug 27, 2026

## pAM1580

RRID:Addgene\_40241

Type: Plasmid

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### Proper Citation

RRID:Addgene\_40241

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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

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### Ratings and Alerts

No rating or validation information has been found for pAM1580.

No alerts have been found for pAM1580.

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### Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.