

# Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

## pAM2195

RRID:Addgene\_40245

Type: Plasmid

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### Proper Citation

RRID:Addgene\_40245

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### Plasmid Information

**URL:** <http://www.addgene.org/40245>

**Proper Citation:** RRID:Addgene\_40245

**Insert Name:** PpsbAl::luxCDE, PpsbAl::luxAB

**Organism:** Synechococcus elongatus PCC 7942

**Bacterial Resistance:** Chloramphenicol

**Defining Citation:** [PMID:17417005](#)

**Vector Backbone Description:** Vector Backbone:pAM1582; Vector Types:Cyanobacteria cloning vector; Bacterial Resistance:Chloramphenicol

**Comments:** NSII.1 vector Lux Genes: luxAB & luxCDE synthesizes luciferase and substrate in S. elongatus SmaI--PvuII fragment containing PpsbAl::luxCDE was cloned into SmaI site of pAM1582. Orientation of PpsbAl::luxCDE is same as that of PpsbAl::luxAB. NS2.1, PpsbAl::luxCDE, PpsbAl::luxAB plasmid.

**Plasmid Name:** pAM2195

**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 pAM2195.

No alerts have been found for pAM2195.

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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.