

Resource Summary Report

Generated by [RRID](#) on Aug 22, 2026

[pAM2195](#)

RRID:Addgene_40245

Type: Plasmid

Proper Citation

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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

Ratings and Alerts

No rating or validation information has been found for pAM2195.

No alerts have been found for pAM2195.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.