

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

[pAM1619](#)

RRID:Addgene_40244

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/40244>

Proper Citation: RRID:Addgene_40244

Insert Name: PpsbAl::luxCDE

Organism: Synechococcus elongatus PCC 7942

Bacterial Resistance: Ampicillin and Kanamycin

Defining Citation: [PMID:17417005](#)

Vector Backbone Description: Vector Backbone:pAM1607; Vector Types:Cyanobacteria cloning vector; Bacterial Resistance:Ampicillin and Kanamycin

Comments: NSII vector Lux Genes: luxCDE Directs luciferase substrate synthesis in PCC7942. Synechococcus luxAB reporter strains glow without decanal addition PpsbAl fragment as Sall-PvuII fragment from pAM1335 inserted upstream of luxCDE in Sall-StuI of pAM1607 (NSII, Km, luxCDE).

Plasmid Name: pAM1619

Record Creation Time: 20220422T222209+0000

Record Last Update: 20260815T081434+0000

Ratings and Alerts

No rating or validation information has been found for pAM1619.

No alerts have been found for pAM1619.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.