

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

pAM1414

RRID:Addgene_40237

Type: Plasmid

Proper Citation

RRID:Addgene_40237

Plasmid Information

URL: <http://www.addgene.org/40237>

Proper Citation: RRID:Addgene_40237

Insert Name: promoterless luxAB reporter

Organism: Synechococcus elongatus PCC 7942

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:10812624](#)

Vector Backbone Description: Vector Backbone:pAM1303; Vector Types:Cyanobacteria cloning vector; Bacterial Resistance:Spectinomycin

Comments: NS1 vector Lux Genes: luxAB cloning sites NotI and BamHI Blunted (by Klenow) Sall-PvuII luxAB fragment (from pLAV1) was cloned in the SmaI site of pAM1303. Sall site is approximately 135bp upstream of luxA ATG within the luxD reading frame. You can clone promoters upstream of luxAB in NotI or BamHI sites.

Plasmid Name: pAM1414

Record Creation Time: 20220422T222209+0000

Record Last Update: 20260801T081241+0000

Ratings and Alerts

No rating or validation information has been found for pAM1414.

No alerts have been found for pAM1414.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.