

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

pAM1518

RRID:Addgene_40238

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/40238>

Proper Citation: RRID:Addgene_40238

Insert Name: psbAI promoter, luxCDE

Organism: Synechococcus elongatus PCC 7942

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:10812624](#)

Vector Backbone Description: Vector Backbone:pAM1504; Vector Types:Cyanobacteria cloning vector; Bacterial Resistance:Spectinomycin

Comments: NS1 vector Lux Genes: luxCDE Directs luciferase substrate synthesis in PCC7942. psbAI promoter fragment from pAM1469 (NotI-BglII fragment) was cloned in pAM1504 cut with NotI-BamHI, upstream luxCDE. This plasmid directs aldehyde biosynthesis in cyanobacteria.

Plasmid Name: pAM1518

Record Creation Time: 20220422T222209+0000

Record Last Update: 20260801T081241+0000

Ratings and Alerts

No rating or validation information has been found for pAM1518.

No alerts have been found for pAM1518.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.