

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

pAM5057

RRID:Addgene_120085

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/120085>

Proper Citation: RRID:Addgene_120085

Insert Name: RSF1010 Y25F aadA PconII theophylline riboswitch F with myc-yfp reporter

Organism: Broad range of genetically tractable cyanobacteria

Bacterial Resistance: Spectinomycin and Streptomycin

Defining Citation: [PMID:25149516](#)

Vector Backbone Description: Vector Backbone:RSF1010Y25F-AADA; Vector Types:Other; Bacterial Resistance:Spectinomycin and Streptomycin

Plasmid Name: pAM5057

Record Creation Time: 20220422T221628+0000

Record Last Update: 20260725T073630+0000

Ratings and Alerts

No rating or validation information has been found for pAM5057.

No alerts have been found for pAM5057.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Cui Y, et al. (2022) Construction of an artificial consortium of *Escherichia coli* and cyanobacteria for clean indirect production of volatile platform hydrocarbons from CO₂. *Frontiers in microbiology*, 13, 965968.

Riaz S, et al. (2022) Generation of miniploid cells and improved natural transformation procedure for a model cyanobacterium *Synechococcus elongatus* PCC 7942. *Frontiers in microbiology*, 13, 959043.