Resource Summary Report

Generated by RRID on Aug 25, 2026

pDF1b-iNTP

RRID:Addgene_229977
Type: Plasmid

Proper Citation

RRID:Addgene_229977

Plasmid Information

URL: http://www.addgene.org/229977

Proper Citation: RRID:Addgene_229977

Insert Name: Prha Rhamnose Inducible Promoter

Organism: Synthetic

Bacterial Resistance: Spectinomycin

Defining Citation: PMID:40235106

Vector Backbone Description: Backbone Size:7861; Vector Backbone:pDF1b; Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

Comments: Twenty-six initial pDF plasmids were generously shared with us by the lab of Dr. Paulo Kallio. Dr. Jacob Sebesta generated the initial pDF1b backbone used in this study. The Prha rhamnose inducible promoter was synthesized based on: Kelly CL, Taylor GM, Hitchcock A, Torres-M??ndez A, Heap JT. A Rhamnose-inducible system for precise and temporal control of gene expression in cyanobacteria. ACS Synth Biol. 2018;7(4):1056-1066. doi:10.1021/acssynbio.7b00435

Plasmid Name: pDF1b-iNTP

Record Creation Time: 20250313T090858+0000

Record Last Update: 20260815T083207+0000

Ratings and Alerts

No rating or validation information has been found for pDF1b-iNTP.

No alerts have been found for pDF1b-iNTP.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We have not found any literature mentions for this resource.