

Resource Summary Report

Generated by [RRID](#) on Aug 19, 2026

p5T7-LYCipi-ggpps

RRID:Addgene_122017

Type: Plasmid

Proper Citation

RRID:Addgene_122017

Plasmid Information

URL: <http://www.addgene.org/122017>

Proper Citation: RRID:Addgene_122017

Insert Name: GGPP synthase

Organism: Taxus canadensis

Bacterial Resistance: Spectinomycin

Defining Citation: [PMID:30584096](#)

Vector Backbone Description: Backbone Size:6200; Vector Backbone:psc101; Vector Types:Bacterial Expression; Bacterial Resistance:Spectinomycin

Comments: Based on pAC-LYCipi (Addgene plasmid # 53279 ; <http://n2t.net/addgene:53279> ; RRID:Addgene_53279), with backbone changed to pSC101, and crtE swapped for ggpps from Taxus canadensis (truncated & codon optimized). Please note: The plasmid contains a 387 nucleotide deletion from Trp249 of Eh-idi to His30 of IDI-2 (when compared to the depositor's sequence) combining the two ORFs into a single ORF. This mutation is not known to affect plasmid function.

Plasmid Name: p5T7-LYCipi-ggpps

Relevant Mutation: codon optimized, truncated first 98 amino acids, methionine added. Please see Depositor Comments

Record Creation Time: 20220422T221638+0000

Record Last Update: 20260815T080340+0000

Ratings and Alerts

No rating or validation information has been found for p5T7-LYCipi-ggpps.

No alerts have been found for p5T7-LYCipi-ggpps.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.