

Resource Summary Report

Generated by [RRID](#) on Aug 20, 2026

pCOTS-pyl-GFP(35TAG)

RRID:Addgene_92047

Type: Plasmid

Proper Citation

RRID:Addgene_92047

Plasmid Information

URL: <http://www.addgene.org/92047>

Proper Citation: RRID:Addgene_92047

Insert Name: EGFP

Organism: Other

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:28394580](#)

Vector Backbone Description: Backbone Size:7500; Vector Backbone:pCB4; Vector Types:Replicative expression plasmid for cyanobacteria *S. elongatus* (PCC7942).; Bacterial Resistance:Kanamycin

Plasmid Name: pCOTS-pyl-GFP(35TAG)

Relevant Mutation: Tyrosine in position 35 of the GFP was mutated from TAC to TAG to facilitate incorporation of unnatural amino acid

Record Creation Time: 20220422T222623+0000

Record Last Update: 20260815T082227+0000

Ratings and Alerts

No rating or validation information has been found for pCOTS-pyl-GFP(35TAG).

No alerts have been found for pCOTS-pyl-GFP(35TAG).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.