

# Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

## pTDpelB-C\_sfYFPTwinStrep

RRID:Addgene\_45944

Type: Plasmid

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### Proper Citation

RRID:Addgene\_45944

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### Plasmid Information

**URL:** <http://www.addgene.org/45944>

**Proper Citation:** RRID:Addgene\_45944

**Insert Name:** synthetic sfYFP (codon usage adapted to P.putida KT2440)

**Organism:** Aequorea victoria

**Bacterial Resistance:** Streptomycin

**Defining Citation:** [PMID:23687945](#)

**Vector Backbone Description:** Backbone Marker:Dammeyer et al. 2013; Vector Backbone:pTDpelB-CTwinStrep; Vector Types:Bacterial Expression; Bacterial Resistance:Streptomycin

**Comments:** This plasmid was tested in the Gram-negative soil bacterium *Pseudomonas putida* KT2440 and *Escherichia coli* K12 and is especially suited for protein production, affinity purification, protein complex copurification with SPINE (Strep Protein Interaction Experiments) or (co-)localization studies. Due to the broad host range of the RK2 origin of replication, the plasmid facilitates experimental verification of hypothetical proteins and protein production yield assessment in different expression hosts possibly including new isolates. The Supplementary Table S1 in the following publication lists approximately 30 strains in which the RK2 origin of replication should be functional. Silva-Rocha et al., The Standard European Vector Architecture (SEVA): a coherent platform for the analysis and deployment of complex prokaryotic phenotypes. *Nucleic Acids Research* 2013, 41:D666-675. <http://nar.oxfordjournals.org/content/41/D1/D666.long>

**Plasmid Name:** pTDpelB-C\_sfYFPTwinStrep

**Record Creation Time:** 20220422T222237+0000

**Record Last Update:** 20260905T075659+0000

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## Ratings and Alerts

No rating or validation information has been found for pTDpelB-C\_sfYFPTwinStrep.

No alerts have been found for pTDpelB-C\_sfYFPTwinStrep.

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## Data and Source Information

**Source:** [Addgene](#)

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.