

Resource Summary Report

Generated by [dkNET](#) on Aug 22, 2026

pTpal-fdc

RRID:Addgene_78288

Type: Plasmid

Proper Citation

RRID:Addgene_78288

Plasmid Information

URL: <http://www.addgene.org/78288>

Proper Citation: RRID:Addgene_78288

Insert Name: PAL2

Organism: Arabidopsis thaliana

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:23801570](#)

Vector Backbone Description: Backbone Size:4176; Vector Backbone:pTrc99A; Vector Types:Bacterial Expression; Bacterial Resistance:Ampicillin

Comments: *Note: Addgene's quality control sequencing finds an E50A amino acid residue substitution in the A. thaliana PAL2 gene insert. The depositing laboratory does not believe this residue change will affect protein function. This plasmid accurately reflects the construct as it was used in the associated publication.

Plasmid Name: pTpal-fdc

Relevant Mutation: *see below

Record Creation Time: 20220422T222516+0000

Record Last Update: 20260815T082023+0000

Ratings and Alerts

No rating or validation information has been found for pTpal-fdc.

No alerts have been found for pTpal-fdc.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Tomoia RB, et al. (2023) Phenylalanine ammonia-lyases: combining protein engineering and natural diversity. Applied microbiology and biotechnology, 107(4), 1243.