

Resource Summary Report

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

pSpal2At

RRID:Addgene_78286

Type: Plasmid

Proper Citation

RRID:Addgene_78286

Plasmid Information

URL: <http://www.addgene.org/78286>

Proper Citation: RRID:Addgene_78286

Insert Name: PAL2

Organism: Arabidopsis thaliana

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:21722749](#)

Vector Backbone Description: Backbone Size:2999; Vector Backbone:pSTV28; Vector Types:Bacterial Expression; Bacterial Resistance:Chloramphenicol

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: pSpal2At

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 pSpal2At.

No alerts have been found for pSpal2At.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Grubbe WS, et al. (2020) Cell-free styrene biosynthesis at high titers. Metabolic engineering, 61, 89.

Crook N, et al. (2019) Adaptive Strategies of the Candidate Probiotic E. coli Nissle in the Mammalian Gut. Cell host & microbe, 25(4), 499.