

Resource Summary Report

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

pVZ_PcoaT_SQE1

RRID:Addgene_103860

Type: Plasmid

Proper Citation

RRID:Addgene_103860

Plasmid Information

URL: <http://www.addgene.org/103860>

Proper Citation: RRID:Addgene_103860

Insert Name: squalene epoxidase 1

Organism: Arabidopsis thaliana

Bacterial Resistance: Kanamycin and Spectinomycin

Defining Citation: [PMID:29281679](#)

Vector Backbone Description: Backbone Marker:Sergey V. Shestakov, Anne Karradt, and Wolfgang Lockau; Vector Backbone:pVZ-spec; Vector Types:Bacterial Expression, Synthetic Biology; Bacterial Resistance:Kanamycin and Spectinomycin

Comments: also expresses coaR repressor protein from Synechocystis sp. PCC6803 growth temperature (37C) refers to E. coli ; in Synechocystis sp. PCC6803: 30 C

Plasmid Name: pVZ_PcoaT_SQE1

Relevant Mutation: inserted gene is codon optimized. 2nd amino acid of SQE1 changed from Glu to Ala

Record Creation Time: 20220422T221503+0000

Record Last Update: 20260815T080037+0000

Ratings and Alerts

No rating or validation information has been found for pVZ_PcoaT_SQE1.

No alerts have been found for pVZ_PcoaT_SQE1.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.