

Resource Summary Report

Generated by [dkNET](#) on Aug 4, 2026

pEPQD0CM0061

RRID:Addgene_177026

Type: Plasmid

Proper Citation

RRID:Addgene_177026

Plasmid Information

URL: <http://www.addgene.org/177026>

Proper Citation: RRID:Addgene_177026

Insert Name: iridoid oxidase; CYP76A26

Organism: Catharanthus roseus (Madagascar periwinkle)

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:36088516](#)

Vector Backbone Description: Vector Backbone:pUAP1; Vector Types:Synthetic Biology; Bacterial Resistance:Chloramphenicol

Comments: Genbank accession: KF302066, amplified from cDNA, contains T359S relative to KF302066, the CDS sequence has been domesticated (all endogenous Bpil, Bsal, BsmBI and SapI recognition sites removed) and are flanked by an inverted pair of Bsal recognition sites that produce overhangs compatible with the phytobrick assembly standard

Plasmid Name: pEPQD0CM0061

Relevant Mutation: amplified from cDNA, contains T359S relative to KF302067

Record Creation Time: 20220422T222022+0000

Record Last Update: 20260801T080902+0000

Ratings and Alerts

No rating or validation information has been found for pEPQD0CM0061.

No alerts have been found for pEPQD0CM0061.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.