

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

pEPQD0CM0705

RRID:Addgene_177035

Type: Plasmid

Proper Citation

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Plasmid Information

URL: <http://www.addgene.org/177035>

Proper Citation: RRID:Addgene_177035

Insert Name: phiC31 integrase plus SV40 nuclear localization sequence (PKKKRKV)

Organism: Streptomyces phage phiC31

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:36088516](#)

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

Comments: codon optimized for N. benthamiana expression, the CDS sequence has been domesticated (all endogenous Bpil, BsaI, BsmBI and SapI recognition sites removed) and are flanked by an inverted pair of BsaI recognition sites that produce overhangs compatible with the phytobrick assembly standard, derived from GB1496

Plasmid Name: pEPQD0CM0705

Record Creation Time: 20220422T222022+0000

Record Last Update: 20260801T080902+0000

Ratings and Alerts

No rating or validation information has been found for pEPQD0CM0705.

No alerts have been found for pEPQD0CM0705.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.