Resource Summary Report

Generated by NIF on Sep 7, 2026

pCAP01

RRID:Addgene_59981
Type: Plasmid

Proper Citation

RRID:Addgene_59981

Plasmid Information

URL: http://www.addgene.org/59981

Proper Citation: RRID:Addgene_59981

Bacterial Resistance: Kanamycin

Defining Citation: PMID:24449899

Vector Backbone Description: Backbone Marker:Agilent; Backbone Size:7600; Vector Backbone:SuperCos1; Vector Types:Bacterial Expression, Yeast Expression, Synthetic Biology, transformation-associated recombination cloning; Bacterial Resistance:Kanamycin

Plasmid Name: pCAP01

Record Creation Time: 20220422T222345+0000

Record Last Update: 20260905T075850+0000

Ratings and Alerts

No rating or validation information has been found for pCAP01.

No alerts have been found for pCAP01.

Data and Source Information

Source: Addgene

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Román-Hurtado F, et al. (2021) Biosynthesis and Heterologous Expression of Cacaoidin, the First Member of the Lanthidin Family of RiPPs. Antibiotics (Basel, Switzerland), 10(4).

Sánchez-Hidalgo M, et al. (2020) Identification and Heterologous Expression of the Biosynthetic Gene Cluster Encoding the Lasso Peptide Humidimycin, a Caspofungin Activity Potentiator. Antibiotics (Basel, Switzerland), 9(2).

Oves-Costales D, et al. (2020) Identification, Cloning and Heterologous Expression of the Gene Cluster Directing RES-701-3, -4 Lasso Peptides Biosynthesis from a Marine Streptomyces Strain. Marine drugs, 18(5).

Zhang JJ, et al. (2019) Direct cloning and heterologous expression of natural product biosynthetic gene clusters by transformation-associated recombination. Methods in enzymology, 621, 87.

Larson CB, et al. (2017) PCR-Independent Method of Transformation-Associated Recombination Reveals the Cosmomycin Biosynthetic Gene Cluster in an Ocean Streptomycete. Journal of natural products, 80(4), 1200.