

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 29, 2026

pKIKOarsBCm

RRID:Addgene_46763

Type: Plasmid

Proper Citation

RRID:Addgene_46763

Plasmid Information

URL: <http://www.addgene.org/46763>

Proper Citation: RRID:Addgene_46763

Bacterial Resistance: Chloramphenicol and Ampicillin

Defining Citation: [PMID:23799955](#)

Vector Backbone Description: Backbone Size:3267; Vector Backbone:pKD4; Vector Types:E.coli genomic integration; Bacterial Resistance:Chloramphenicol and Ampicillin

Comments: This plasmid is used for integration of DNA into the E.coli genome via homologous recombination. The DNA of interest is cloned between arsB homologous arms and integrated at the arsB locus. This plasmid has been found exist in our stock as a multimer. Plasmid multimerization often does not impact plasmid function, but may reduce transformation efficiencies. You may need to screen multiple colonies to isolate the monomeric version of this plasmid. If you still have trouble isolating the monomeric version, you might consider linearizing, gel extracting, re-ligating, and transforming the plasmid.

Plasmid Name: pKIKOarsBCm

Record Creation Time: 20220422T222241+0000

Record Last Update: 20260829T080602+0000

Ratings and Alerts

No rating or validation information has been found for pKIKOarsBCm.

No alerts have been found for pKIKOarsBCm.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

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

Bobadilla Ugarte P, et al. (2025) Cyanobacterial Argonautes and Cas4 family nucleases cooperate to interfere with invading DNA. Molecular cell, 85(10), 1920.