

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

pKM464 (deletions)

RRID:Addgene_108322

Type: Plasmid

Proper Citation

RRID:Addgene_108322

Plasmid Information

URL: <http://www.addgene.org/108322>

Proper Citation: RRID:Addgene_108322

Insert Name: Bxb1 attB site

Organism: Synthetic

Bacterial Resistance: Chloramphenicol

Defining Citation: [PMID:30538179](#)

Vector Backbone Description: Backbone Marker:Kenan Murphy; Vector Backbone:pKM435; Vector Types:ORBIT integration plasmid for creating knockouts of target genes; Bacterial Resistance:Chloramphenicol

Comments: ORBIT integrating plasmid for creating knockouts of target genes. Strain should be grown in 20 ug/ml chloramphenicol for isolation of plasmid. Yields with Qiagen miniprep kits are typically in the range from 60-90 ug/ml from 5 ml culture.

Plasmid Name: pKM464 (deletions)

Record Creation Time: 20220422T221525+0000

Record Last Update: 20260725T073440+0000

Ratings and Alerts

No rating or validation information has been found for pKM464 (deletions).

No alerts have been found for pKM464 (deletions).

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 [dkNET](#) .

Chen J, et al. (2023) Structure of an endogenous mycobacterial MCE lipid transporter. Research square.

Toniolo C, et al. (2023) Uptake-independent killing of macrophages by extracellular Mycobacterium tuberculosis aggregates. The EMBO journal, 42(9), e113490.

Matern WM, et al. (2023) Functional whole genome screen of nutrient-starved Mycobacterium tuberculosis identifies genes involved in antibiotic tolerance. bioRxiv : the preprint server for biology.

Matern WM, et al. (2023) Functional Whole Genome Screen of Nutrient-Starved Mycobacterium tuberculosis Identifies Genes Involved in Rifampin Tolerance. Microorganisms, 11(9).

Saelens JW, et al. (2022) An ancestral mycobacterial effector promotes dissemination of infection. Cell, 185(24), 4507.