

Resource Summary Report

Generated by [dkNET](#) on Sep 1, 2026

pRMC2

RRID:Addgene_68940

Type: Plasmid

Proper Citation

RRID:Addgene_68940

Plasmid Information

URL: <http://www.addgene.org/68940>

Proper Citation: RRID:Addgene_68940

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:18996145](#)

Vector Backbone Description: Vector Backbone:pALC2073; Vector Types:Bacterial Expression, tet inducible E. coli/Staphylococcus shuttle vector; Bacterial Resistance:Ampicillin

Comments: Note--MCS is inverted in the article describing this plasmid. Addgene's sequencing results with the pRMC2 SEQF primer find the MCS is duplicated, presumably due to the cloning strategy.

Plasmid Name: pRMC2

Record Creation Time: 20220422T222428+0000

Record Last Update: 20260829T080921+0000

Ratings and Alerts

No rating or validation information has been found for pRMC2.

No alerts have been found for pRMC2.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Aggarwal N, et al. (2026) Engineered commensals for metabolic modulation of the gut-liver-brain axis. *Cell*, 189(13), 3950.

Cherbuin J, et al. (2025) In Vivo Emergence of Podovirus Resistance via tarS Mutation During Phage-Antibiotic Treatment of Experimental MSSA Endocarditis. *Viruses*, 17(8).

Lu KY, et al. (2025) A host-directed adjuvant sensitizes intracellular bacterial persisters to antibiotics. *Nature microbiology*, 10(11), 3013.

Evans DCS, et al. (2023) GFP fusions of Sec-routed extracellular proteins in *Staphylococcus aureus* reveal surface-associated coagulase in biofilms. *Microbial cell* (Graz, Austria), 10(7), 145.

Cho JS, et al. (2023) Targeted and high-throughput gene knockdown in diverse bacteria using synthetic sRNAs. *Nature communications*, 14(1), 2359.

Long L, et al. (2022) Mode of action of elasnin as biofilm formation eradicator of methicillin-resistant *Staphylococcus aureus*. *Frontiers in microbiology*, 13, 967845.

Papkou A, et al. (2020) Efflux pump activity potentiates the evolution of antibiotic resistance across *S. aureus* isolates. *Nature communications*, 11(1), 3970.

Raheem N, et al. (2020) Insights into the mechanism of action of two analogues of aurein 2.2. *Biochimica et biophysica acta. Biomembranes*, 1862(6), 183262.