

Supplementary Material

Supplementary Table S1. Characteristics of *K. pneumoniae* host isolates used for the search and isolation of bacteriophages.

Host bacteria	ID	Source	Carbapenemase	Clonal group (CG)	Sequence type (ST)	Other antibiotics resistance			
						Aminoglycosides	Fluoroquinolones	Glycylcycline	Nitrofurans
<i>Klebsiella pneumoniae</i> (n=3)	KL15	Hospitalized patients	<i>bla</i> _{-KPC-3}	258	512	Resistant	Resistant	Resistant	ND
	KL56		<i>bla</i> _{-KPC-2}	258	258	Resistant	Resistant	Resistant	ND
	KH18		<i>bla</i> _{-KPC-2}	307	307	Resistant	Resistant	ND	Resistant

ND, No data. All bacterial isolates are part of the strain collection of the Grupo de Investigación en Microbiología Básica y Aplicada (MICROBA) and were collected in the city of Medellin, Colombia. Identification and susceptibility tests were performed using the semi-automated method VITEK® 2, genes that encoded carbapenemases were identified by PCR and sequenced to determine gene-variants. Finally, molecular typing was performed using Multilocus sequence typing (MLST).