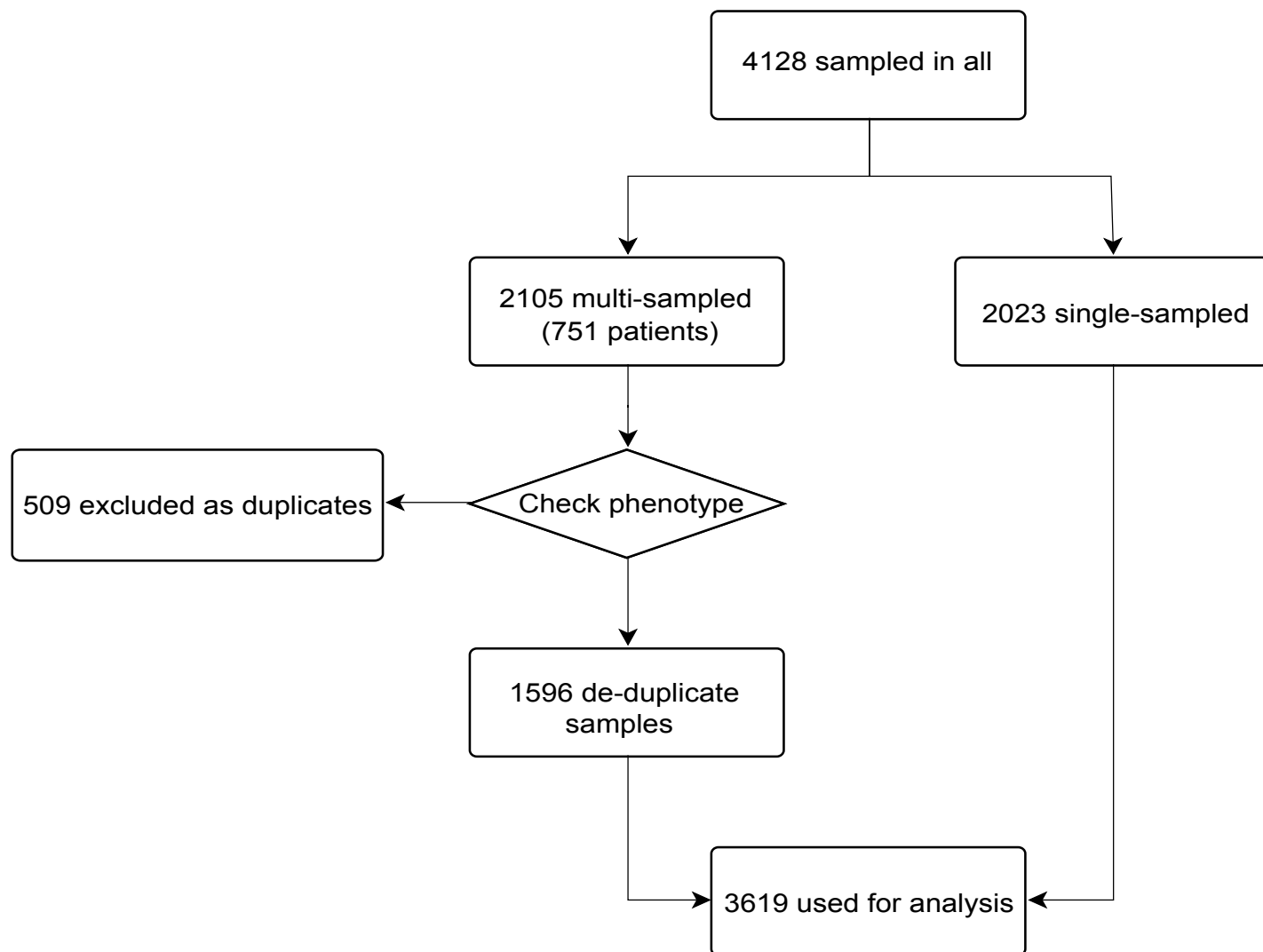


Supplementary Figure [1]-The flowchart of deduplicate process of the isolates



Supplementary table [1]-The category of antimicrobial agents in our study

Antimicrobial category	Antimicrobial agent
Antipseudomonal penicillins + $\beta$ - lactamase inhibitors	TZP
Penicillins + $\beta$ - lactamase inhibitors	AMC
	SAM
Carbapenems	ETP
	IPM
Monobactams	ATM
Penicillins	AMP
Non - extended spectrum cephalosporins; 1st and 2nd generation cephalosporins	CFZ
	CXM
Extended - spectrum cephalosporins; 3rd and 4th generation cephalosporins	CAZ
	CRO
	CFP
	FEP
Cephameycins	CTT
	FOX
Aminoglycosides	AK
	GEN
	TOB
Fluoroquinolones	CIP
	LVX
Tetracyclines	MIN
Nitrofurantoin	NIT
Folate pathway inhibitors	SXT
Glycylcyclines	TGC