

Table S4. Antibiotic resistance rates of various Gram-positive bacteria species isolated from Human source in Africa 2007–2019

Country	Species(a) ¹	Rate of antibiotic resistance per country, %, (number of resistant isolates)														
		AMP	CIP	CLI	ERY	GEN	FUS	KAN	PEN	RIF	STR	SXT	VAN	OXA	FOX	TET
Algeria	<i>S. aureus</i> (653)	-	-	-	15.7 (54)	14.5(4 1)	7.2(41)	13.1 (29)	-	-	-	0.01 (2)	-	100 (64)	100 (64)	11.0(46)
	<i>S. agalactiae</i> (44)				(13)											(44)
	<i>E. faecalis</i> (144)		53.1 (34)		86.3 (69)	51.4 (74)		62.5 (40)								92.5 (74)
	<i>E. faecium</i> (57)	64.1 (37)	28.1 (16)		57.9 (33)	66.7 (38)		29.1 (16)				31.6 (18)	7.0 (4)			47.4 (27)
Angola	<i>S. aureus</i> (607)		9.1 (55)	4.2 (17)	8.1 (43)	18.7 (82)	1.4(1)		97.7 (429)	78.3 (314)		47.6 (287)			62.1 (229)	15.8 (95)
Cape Verde	<i>S. aureus</i> (113)			2.7(3)	14.2 (12)		4.4(5)	96.5 (109)				10.6 (12)			4.4 (5)	4.4 (5)
Democratic Republic of Congo	<i>S. aureus</i> (271)		18.5 (108)	13.5 (22)	19.6 (32)	22.7 (37)		19.1 (12)	90.0 (244)	7 (7)		46.1 (100)		24.0 (24)		46.9 (127)
Egypt	<i>S. aureus</i> (365)	26.1 (111)	27.9 (85)	27.0 (211)	51.2 (108)	19.1 (34)				27.2 (40)				36.1 (69)		39.4 (95)
	<i>E. faecalis</i> (130)	100 (73)	59.3 (77)		70.2 (40)	55.4 (72)			100 (73)		65.8 (48)	57.7 (75)	3.5 (2)			88.5 (115)
	<i>Enterococcus</i> Spp. (167)	29.3 (49)	15.0 (25)			41.0 (41)			17.0 (17)		73 (73)		3.0 (4)			50 (50)
	<i>S. agalactiae</i>			14.0 (14)	17.0 (17)											98.0 (98)

¹ Number of isolates per country

	Staphylococcus Spp. (81)	21.0 (17)				17.3 (14)				6.2 (5)						
Gabon	<i>S. aureus</i> (315)		3 (3)		7.8(8)				87.4 (90)	3(1)		47.9 (151)		0.3 (1)		59.2 (61)
Gambia	<i>S. aureus</i> (23)				(12)				(21)			(7)				(2)
Ghana	<i>S. aureus</i> (443)			12.9 (35)	11.2 (66)	8.5 (24)	12.4 (13)	9.7 (9)	78.5 (391)	20.2 (36)		29.8 (53)			1.4 (6)	37.9 (224)
Kenya	<i>S. aureus</i> (175)		31.4 (55)	67.1 (55)	37.1 (65)	84.1 (69)				3.2 (3)		34.3 (69)		84.1 (69)	84.1 (69)	6.5 (6)
Libya	<i>S. aureus</i> (609)		40.4 (161)	33.5 (64)	68.3 (56)	39.0 (113)	40.7 (118)					55.5 (106)	11.9 (13)			
Morocco	<i>S. aureus</i> (109)				20.2 (22)	25.7 (28)	22.9 (25)	26.6 (29)	90.8 (99)	22.9 (25)		18.3 (20)				40.4 (44)
Namibia	<i>S. aureus</i> (116)											34 (29.3)				
Nigeria	<i>S. aureus</i> (1365)	0.2 (3)	17.6 (99)	8.0 (22)	18.8 (156)	11.8 (138)	27.9 (46)		82.0 (837)	3.9 (4)		60.1 (681)		8.9 (45)	12.5 (12)	39.5 (317)
	<i>Staphylococcus Spp.</i> (150)		29.0 (27)	25.0 (14)	30.0 (45)	38.0 (57)		(12)	72.0 (108)	(4)		53.2 (58)		51.6 (48)		37.6 (35)
Saˆo Tomeˆ Priˆncipe	<i>S. aureus</i> (348)		11.4 (39)	13.1 (45)	19.5 (67)	5.0 (9)			100 (179)	6.2 (11)		27.7 (95)			20.9 (58)	15.7 (54)
South Africa	<i>S. aureus</i> (15707)		(33)		30 (589)	(23)	12.9 (1786)					(3)		0.02 (3)	7.0 (1103)	(21)
	<i>S. agalactiae</i> (128)		18.74 (24)	25 (32)	21.1 (27)											86.7 (111)
	<i>Enterococcus Spp.</i> (160)												2.5 (4)			
	<i>S. pyogenes</i>															22.1 (78)
Sudan	<i>S. aureus</i> (197)		62.4 (123)	57.4 (113)		62.0 (122)		69.0 (136)	100 (197)			53.3 (105)				

Tanzania	<i>S. aureus</i> (87)											40.2 (35)				
	<i>E. faecalis</i> (92)	6.5 (6)			69.6 (64)								31.5 (29)			60.9
	<i>E. faecium</i> (88)	7.9 (7)			70.5 (62)							26.1 (23)	44.3 (39)			67.0 (59)
Uganda	<i>S. aureus</i> (420)	72.7 (48)	10.8 (13)	3.0 (9)	38.8 (163)	18.5 (10)						55.7 (234)	7.7 (22)	9.2 (22)		43.9 (29)
	<i>S. epidermidis</i> (50)				40 (20)	52.0 (26)			64.0 (32)			34.0 (17)		12.0 (6)		30.0 (15)
Tunisia	<i>S. aureus</i> (586)	5.5 (32)	23.4 (44)	15.5 (26)	32.6 (121)	13.4 (62)	1.5(8)	39.2 (191)	53.1 (188)	11.0 (37)	62.7 (42)			19.3 (50.3)	54.6 (65)	40.1 (158)
	<i>S. agalactiae</i> (386)				64.8 (250)	3.1 (7)			19.0 (43)	3.1 (7)						97.3 (220)
	<i>S. haemolyticus</i> (46)			(33)	(34)	(14)	(34)	(36)		(25)	(32)		(36)			
	<i>S. pyogenes</i> (296)			4.9 (5)	4.1 (12)							31.1 (32)				26.4 (78)
	<i>S. epidermidis</i> (457)				19.3 (88)	19.3 (88)				16.6 (76)		1.5 (7)		16.2 (74)		
	<i>E. faecium</i> (72)	37.5 (27)	20.8 (15)		94.4 (68)	50.0 (36)		34.7 (25)	22.2 (16)	48.6 (35)	33.3 (24)	18.1 (13)	20.8 (15)			20.8 (15)
	<i>E. faecalis</i> (34)				(31)	(34)		(34)		(25)						(31)

*Antibiotics in the Table has been abbreviated as follows: Ampicillin (AMP), Ciprofloxacin (CIP), clindamycin (CLI), Erythromycin (ERY), GEN (GEN), Fusidic acid (FUS), Kanamycin (KAN), penicillin (PEN), Rifampicin (RIF), Streptomycin (STR), sulphamethoxazole-trimethoprim (SXT), Vancomycin (VAN), Oxacillin (OXA), Cefoxitin (FOX), tetracycline (TET).