

Supplementary Information

Supplementary Table 1. Percentage of antimicrobial susceptibility among the bacterial isolates recovered from canine and feline samples. Abbreviations: amikacin (AK-30), amoxicillin (AML-10), amoxicillin-clavulanic acid (AMC-30), ampicillin (AMP-10), azithromycin (AZM-15), bacitracin (B-10), cefaclor (CEC-30), cefixime (CFM-5), cefovecin (CVN-30), cefoxitin (FOX-30), ceftazidime (CAZ-30), ceftiofur (EFT-30), ceftriaxone (CRO-30), cephalixin (CL-30), cefazolin (KZ-30), chloramphenicol (C-30), ciprofloxacin (CIP-5), clindamycin (DA-2), and doxycycline (DO-30).

Bacterial Species	Number of Isolates (n)	Percentage (%)	AK-30	AM L-10	AM C-30	AM P-10	AZ M-15	B-10	CEC -30	CF M-5	CVN -30	FOX -30	CAZ -3	EFT -30	CR O-30	CL-30	KZ-30	C-30	CIP-5	DA-2	DO-30
<i>Escherichia coli</i>	21	16.03	77	0	35	0	100		33				0	38	63	12			38		21
<i>Pseudomonas aeruginosa</i>	18	13.74	100	0	6				0					0	44	0	0		78		13
<i>Klebsiella pneumoniae</i> / <i>Klebsiella</i> spp.	17	12.98	64	0	35				20	0			100	33	40	20	0		50		25
<i>Staphylococcus pseudintermedius</i>	10	7.63		100	100	100		0							100	70			100	20	80

<i>Staphylococcus aureus</i>	10	7.63	100		90	50		100				50			0	33			33	100	33
<i>Staphylococcus intermedius</i> group	7	5.34	100		100							100		100	80	100			60		0
<i>Streptococcus</i> spp.*	7	5.34	0		100	100	100							100	100	100			75	20	100
<i>Pseudomonas</i> spp.	6	4.58	60		17									50	67	17		0	0		100
<i>Enterobacter cloacae</i>	5	3.82			20	0									100	20			67		40
<i>Acinetobacter</i> spp.	5	3.82	100		20									50	25	20	0		20		0
<i>Coagulase Negative Staphylococcus</i> spp.	4	3.05	100		100							100		100	100	100			100		0
<i>Pasteurella multocida</i>	4	3.05	100		100	100	100			100					100	67					100
<i>Proteus mirabilis</i>	3	2.29	100		100						100		0		100	67			100		0

<i>Kocuria</i> spp.	2	1.53	100		100											100					100
<i>Pasteurella</i> spp.	2	1.53	100		100									0	0	100			50		100
<i>Enterobact</i> <i>er</i> spp.	2	1.53	100	0	0									0	50	0			0		
<i>Enterococc</i> <i>us faecalis</i>	2	1.53			100											0		100			0
<i>Enterococc</i> <i>us</i> spp.	2	1.53	0		50										0	0	0		50		
<i>Stenotroph</i> <i>omonas</i> spp.	1	0.76	100		0									0	0	0			100		
<i>Staphyloco</i> <i>ccus</i> <i>schleiferi</i>	1	0.76			100										100	100			0		100
<i>Staphyloco</i> <i>ccus felis</i>	1	0.76			100	0									0	0					100
<i>Staphyloco</i> <i>ccus</i> <i>epidermidis</i>	1	0.76			100											0				0	0

Supplementary Table 1. Percentage of antimicrobial susceptibility among the bacterial isolates recovered from canine and feline samples (Continued). Abbreviations: enrofloxacin (ENR-5), erythromycin (E-15), gentamicin (CN-10), imipenem (IPM-10), kanamycin (K-30), marbofloxacin (MAR-5), meropenem (MEM-10), moxifloxacin (MXF-5), mupirocin (MUP-5), norfloxacin (NOR-10), oxacillin (OX-1), oxytetracycline (OT-30), penicillin G (P-10), pradofloxacin (PRA-5), sulbactam/ampicillin (SAM-20), spectinomycin (SH-10), sulbactam/cefoperazone (SCF-105), trimethoprim-sulfamethoxazole (SXT-25), and tetracycline (TE-30).

Bacterial Species	Number of Isolates (n)	Percentage (%)	ENR-5	E-15	CN-10	IPM-10	K-30	MA R-5	ME M-10	MX F-5	MU P-5	NO R-10	OX-1	OT-30	P-10	PRA-5	SAM-20	SH-10	SCF-105	SXT-25	TE-30
<i>Escherichia coli</i>	21	16.03	31		69	44	100	40	100	0	0	33		0			0	0	100	42	0
<i>Pseudomonas aeruginosa</i>	18	13.74	75		100	0	0	94	100			100		100		50			100	60	
<i>Klebsiella pneumoniae</i> / <i>Klebsiella</i> spp.	17	12.98	38		25	8		35	100			0		0		100			100	50	
<i>Staphylococcus pseudintermedius</i>	10	7.63	90		50	100		100	100	100		100		0						60	

<i>Staphylococcus aureus</i>	10	7.63	38		75	20		22	0			25				0			100	38	
<i>Staphylococcus intermedius</i> group	7	5.34	43		100	100		43	0				14	0	0	0			100	67	
<i>Streptococcus</i> spp.*	7	5.34	71		50		100	43				0				100	0	0	100	50	
<i>Pseudomonas</i> spp.	6	4.58	75		67			83	40							50			100	67	
<i>Enterobacter cloacae</i>	5	3.82	40		100	100		40				33								60	
<i>Acinetobacter</i> spp.	5	3.82	40		33			60	100			0			0	50				50	
<i>Coagulase Negative Staphylococcus</i> spp.	4	3.05	100		100	100		50	0				0						100	100	
<i>Pasteurella multocida</i>	4	3.05	100			100		100	100			100				100			100	100	
<i>Proteus mirabilis</i>	3	2.29	100					100	100					0		100				67	

<i>Kocuria</i> spp.	2	1.53			100	0		100										100	100	
<i>Pasteurella</i> spp.	2	1.53	50		0			50	100					100					100	
<i>Enterobacte</i> <i>r</i> spp.	2	1.53	100		50		0	100	100											
<i>Enterococc</i> <i>us faecalis</i>	2	1.53	0	0				50				0							0	
<i>Enterococc</i> <i>us</i> spp.	2	1.53	50		0			0	0	0					0	50			0	
<i>Stenotropho</i> <i>monas</i> spp.	1	0.76	100		100			100	0											
<i>Staphylococ</i> <i>cus</i> <i>schleiferi</i>	1	0.76	100						100			0							0	
<i>Staphylococ</i> <i>cus felis</i>	1	0.76	0		100			0											0	
<i>Staphylococ</i> <i>cus</i> <i>epidermidis</i>	1	0.76	0					0	100			0							0	