

Table S1: Primers, product size and annealing temperatures used in the present study to identify virulence and antimicrobial resistance genes.

Gene	Primer sequences	Product size (bp)	Annealing (°C)	References
<i>bla</i> _{CTX-M-1}	fw: GAC GAT GTC ACT GGC TGA GC rev: AGC CG C CGA CGC TAA TAC A	499	55	[65]
<i>bla</i> _{CTX-M-2}	fw: GCG ACC TGG TTA ACT ACA ATC C rev: CGG TAG TAT TGC CCT TAA GCC	351	55	
<i>bla</i> _{CTX-M-3}	fw: CGC TTT GCC ATG TGC AGC ACC rev: GCT CAG TAC GAT CGA GCC	307	55	
<i>bla</i> _{CTX-M-4}	fw: GCT GGA GAA AAG CAG CGG AG rev: GTA AGC TGA CGC AAC GTC TG	474	62	
<i>bla</i> _{SHV}	fw: CACTCAAGGATGTATTGTG rev: TTAGCGTTGCCAGTGCTCG	885	50	[63]
<i>bla</i> _{TEM}	fw: TCGGGGAAATGTGCGCG rev: TGCTTAATCAGTGAGGCACC	971	50	
<i>stx1</i>	fw: AAATCGCCATTCGTTGACTACTTCT rev: TGCCATTCTGGCAACTCGCGATGCA	370	60	[62]
<i>stx2</i>	fw: CAGTCGTCACCTCACTGGTTTCATCA rev: GGATATTCTCCCCACTCTGACACC	283	60	
<i>eaeA</i>	fw: CCCGAATTCGGCACAAGCATAAGC rev: CCCGGATCCGTCTCGCCAGTATTCG	863	52	[64]
<i>hlyA</i>	fw: GGTGCAGCAGAAAAAGTTGTAG rev: TCTCGCCTGATAGTGTTTGGTA	1551	57	

Table S2. Description of variables collected from both healthy and diseased cats.

Factors	Categories	Total	Healthy cats (n = 209)		Diseased cats (n = 191)	
			Frequency	%	Frequency	%
Cat sex						
	Female	227	131	62.7	96	50.3
	Male	173	78	37.3	95	49.7
Cat breed						
	Himalayan	59	15	7.2	44	23.0
	Persian	162	106	50.7	56	29.3
	Birman	53	21	10.1	32	16.8
	Siamese	112	64	30.6	48	25.1
	Egyptian Mau	10	3	1.4	7	3.7
	Arabian Mau	4	--	--	4	2.1
Family use antimicrobials						
	No	308	177	84.7	131	68.6
	Yes	92	32	15.3	60	31.4
Family member with acne						
	No	282	150	71.8	132	69.1
	Yes	118	59	28.2	59	30.9
Hospitalization						
	No	334	188	89.9	146	76.4
	Yes	66	21	10.1	45	23.6
Previous antimicrobial use for cat						
	No	238	144	68.9	94	49.2
	Yes	162	65	31.1	97	50.8
Current antimicrobials use for cat						
	No	384	208	99.5	176	92.2
	Yes	16	1	0.5	15	7.8
Child at home						
	No	205	99	47.4	106	55.5
	Yes	195	110	52.6	85	44.5
Cat living						
	Indoors	133	78	37.3	55	28.8
	Indoors-outdoors	267	131	62.7	136	71.2
Reason being at clinic						
	Vaccination and/or grooming	209	207	99.0	2	1.1
	Treatment	191	2	1.0	189	98.9
Cat care						
	Adult male	116	53	25.4	63	33.0
	Adult female	192	93	44.5	99	51.8
	Child	18	12	5.7	6	3.1
	All family	74	51	24.4	23	12.1
diet type						
	Dry	263	137	65.6	126	66.0
	Semi-moist	2	2	1.0	--	--
	Wet	53	23	11.0	30	15.7
	Raw uncooked	35	30	14.3	5	2.6
	Home available	47	17	8.1	30	15.7
Total		400	209	52.3	191	47.7