

## Supplementary Materials

### **Unveiling the emergence of multidrug-resistant pathogens in exotic pets from France: a comprehensive study (2017-2019)**

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**Supplementary Table 1.** Distribution of isolates according to pathology specimens

Specimens	<i>Escherichia coli</i>	<i>Enterobacter</i> spp.	<i>Klebsiella</i> spp.	<i>Proteus</i> spp.	<i>Serratia</i> spp.	<i>Pseudomonas aeruginosa</i>	<i>Pasteurella</i> spp.	<i>Staphylococcus aureus</i>	<i>Staphylococcus epidermidis</i>	<i>Staphylococcus xylosum</i>	<i>Staphylococcus</i> spp.	<i>Streptococcus</i> spp.	<i>Enterococcus faecalis</i>	<i>Enterococcus</i> spp.	Others	Total
Nasal	15	37	39	9	20	35	123	28	10	3	53	54	25	8	70	563
Oral	29	20	16	1 3	12	21	16	3	4	8	19	74	12	14	35	296
Cutaneous	23	20	13	1 5	2	14	15	29	8	1 1	31	26	28	10	42	287
Ocular	11	14	11	6	4	15	26	12	0	1 8	35	34	13	1	40	240
Otic	5	6	11	5	11	28	25	40	12	7	42	12	4	2	12	222
Gastrointestinal tract	35	14	10	5	7	2	0	5	3	0	9	8	20	24	21	163
Musculoskeletal	11	6	5	6	4	8	16	3	2	1	7	27	8	2	9	115
Internal organs	16	6	1	1	4	1	1	0	4	5	4	7	6	3	8	67
Lungs	6	6	4	2	2	2	4	2	3	2	6	6	3	0	11	59
Urinary tract	0	1	1	2	0	0	0	0	0	3	3	1	5	0	7	23
Reproductive tract	4	1	0	1	0	1	0	0	1	1	3	0	1	0	2	15

**Supplementary Table 2.** Distribution of family, genera, and species of Gram-negative bacteria over the 3 years (2017-2019).

	<b>2017 (n = 330)</b>	<b>2018 (n = 457)</b>	<b>2019 (n = 299)</b>
<b><i>Enterobacteriaceae</i></b>	<b>188</b>	<b>271</b>	<b>175</b>
<i>Escherichia coli</i>	43	72	40
<i>Enterobacter</i> spp.	39	56	36
<i>Klebsiella</i> spp.	34	49	28
<i>Proteus</i> spp.	20	29	16
<i>Serratia</i> spp.	12	25	29
<i>Pantoea</i> spp.	10	14	6
<i>Citrobacter</i> spp.	12	6	5
<i>Providencia rettgeri</i>	4	7	4
<i>Morganella</i> spp.	3	8	3
<i>Raoultella</i> spp.	7	2	1
<i>Salmonella</i> spp.	2	1	3
<i>Rahnella</i> spp.	2	1	1
<i>Yersinia pseudotuberculosis</i>	-	1	1
<i>Erwinia pyrifolia</i>	-	-	1
<i>Tatumella ptyseos</i>	-	-	1
<b><i>Pseudomonadaceae</i></b>	<b>58</b>	<b>77</b>	<b>41</b>
<i>Pseudomonas aeruginosa</i>	38	58	31
<i>Pseudomonas</i> spp.	20	19	10
<b><i>Pasteurellaceae</i></b>	<b>84</b>	<b>109</b>	<b>83</b>
<i>Pasteurella</i> spp.	77	88	61
<i>Haemophilus</i> spp.	3	12	11
<i>Mannheimia</i> spp.	4	4	8
<i>Actinobacillus</i> spp.	-	3	3
<i>Chelonobacter oris</i>	-	2	-

**Supplementary Table 3.** Distribution of family, genera, and species of Gram-positive bacteria over the 3 years (2017-2019)

	<b>2017 (n = 342)</b>	<b>2018 (n = 390)</b>	<b>2019 (n = 232)</b>
<b><i>Staphylococcaceae</i></b>	<b>193</b>	<b>198</b>	<b>122</b>
<i>Staphylococcus</i> spp.	70	78	64
<i>Staphylococcus xylosus</i>	42	87	14
<i>Staphylococcus aureus</i>	44	52	26
<i>Staphylococcus epidermidis</i>	18	20	9
<i>Gemella</i> spp.	19	11	8
<i>Macrococcus caseolyticus</i>	-	-	1
<b><i>Streptococcaceae</i></b>	<b>87</b>	<b>103</b>	<b>69</b>
<i>Streptococcus</i> spp.	84	96	69
<i>Lactococcus</i> spp.	3	7	-
<b><i>Enterococcaceae</i></b>	<b>62</b>	<b>89</b>	<b>41</b>
<i>Enterococcus faecalis</i>	40	58	27
<i>Enterococcus</i> spp.	22	22	14
<i>Vagonococcus fluvialis</i>	-	3	-