Ciência Animal Brasileira
Brazilian Animal Science

Toigo, A L et al., 2026. Antimicrobial resistance and arsenic tolerance in *Enterococcus* spp. isolated from free-ranging *Leopardus geoffroyi* in Candiota, Pampa Biome, Brazil: sentinel indicators of environmental pollution. Ciência Animal Brasileira / Brazilian Animal Science, Goiânia, v. 27, 2026. DOI: https://doi.org/10.1590/1809-6891v27e-84024E

Supplementary Material

Supplementary Tables

Table S1. Biological and capture information for free-ranging Geoffroy's cats (*Leopardus geoffroyi*) included in the study.

ID	Sex	Weight (g)	Collection date
CAN64	M	4400	08/22/2022
CAN111	M	4800	06/05/2022
CAN112	M	2350	06/05/2022
CAN113	M	3400	06/052022
CAN114	M	3800	08/22/2022
CAN117	F	2850	08/23/2022
CAN118	F	3100	08/24/2022
CAN119	M	3700	08/24/2022
CAN120	M	2250	08/24/2022
CAN121	M	5500	08/24/2022
CAN122	M	6100	08/26/2022
CAN123	F	3350	08/27/2022
CAN124	F	1750	08/27/2022
CAN126	M	3250	08/28/2022

ID: Sample identification; M: male, F: female.

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Table S2. Distribution of *Enterococcus* spp. among oral and rectal samples of free-ranging Geoffroy's cats captured in the Seival region, municipality of Candiota, Pampa Biome, Brazil, between June 2022 and February 2023.

Sample	Total number of isolates	Enterococcal species (n; %)
OC	**50**	*E. faecalis* (19; 38%) *E. faecium* (19; 38%) *E. durans* (6; 12%) *E. casseliflavus* (6; 12%)
RC	**61**	*E. faecium* (23; 37.7%) *E. hirae* (15; 24.59%) *E. faecalis* (14; 22.95%) *E. casseliflavus* (5; 8.19%) *E. durans* (2; 3.37%) *E. mundtii* (2; 3.37%)

OC: oral cavity and RC: rectal cavity.

Table S3. Number (%) of antimicrobial resistant enterococci isolates from oral cavity samples of free-ranging Geoffroy's cats captured in the Seival region, municipality of Candiota, Pampa Biome, Brazil, between June 2022 and February 2023.

	Number (%) of antimicrobial resistant *Enterococcus* species				
	Species (n)				
Antimicrobials	***E. faecium* (n=19)**	***E. faecalis* (n=19)**	***E. casseliflavus* (n=6)**	***E. durans* (n=6)**	**Total (n=50)**
Ciprofloxacin	10 (52.6)	0 (0)	0 (0)	1 (16.7)	**11 (22)**
Erythromycin	5 (26.3)	6 (31.6)	3 (50)	0 (0)	**14 (28)**
Linezolid	0 (0)	1 (5.3)	0 (0)	0 (0)	**1 (2)**
Nitrofurantoin	1 (5.3)	0 (0)	0 (0)	0 (0)	**1 (2)**
Norfloxacin	3 (15.8)	0 (0)	0 (0)	0 (0)	**3 (6)**
Rifampicin	10 (52.6)	6 (31.6)	3 (50)	2 (33.3)	**21 (42)**
Tetracycline	4 (21.1)	1 (5.3)	0 (0)	1 (16.7)	**6 (12)**

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Table S4. Number (%) of antimicrobial-resistant enterococci isolates from rectal cavity samples of free-ranging Geoffroy's cats captured in the Seival region, municipality of Candiota, Pampa Biome, Brazil, between June 2022 and February 2023.

	Number (%) of antimicrobial-resistant *Enterococcus* species						
	Species (n)						
Antimicrobials	***E. faecium* (n=23)**	***E. faecalis* (n=14)**	***E. casseliflavus* (n=5)**	***E. hirae* (n=15)**	***E. durans* (n=2)**	***E. mundtii* (n=2)**	**Total (n=61)**
Ampicillin	0 (0)	0 (0)	0 (0)	0 (0)	1 (50)	0 (0)	**1 (1.6)**
Ciprofloxacin	12 (52.2)	2 (14,.)	1 (20)	3 (20)	2 (100)	0 (0)	**20 (32.8)**
Erythromycin	12 (52.2)	6 (42.9)	1 (20)	2 (13.3)	2 (100)	1 (50)	**24 (39.3)**
Streptomycin	2 (8.7)	0 (0)	0 (0)	1 (6.7)	0 (0)	0 (0)	**3 (4.9)**
Cloranfenicol	1 (4.3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	**1 (1.6)**
Linezolid	1 (4.3)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	**1 (1.6)**
Nitrofurantoin	4 (17.4)	0 (0)	0 (0)	3 (20)	1 (50)	0 (0)	**8 (13.1)**
Norfloxacina	6 (26.1)	0 (0)	0 (0)	1 (6.7)	1 (50)	0 (0)	**8 (13.1)**
Rifampicin	9 (39.1)	7 (50)	3 (60)	4 (26.7)	2 (100)	0 (0)	**25 (41)**
Tetracycline	7 (30.4)	0 (0)	2 (40)	1 (6.7)	2 (100)	0 (0)	**12 (19.7)**