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Supplementary material

Antibiotic Resistance of *Enterococcus* species in ornamental animal feed

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Supplementary Materials: The following supporting information can be downloaded at: www.mdpi.com/xxx/s1, Table S1: Total count of microorganisms in bird, fish, reptile, and mammal food samples in colony forming unit per gram (CFU/g); Table S2: Phenotypic, genotypic and virulent profile of the 60 selected *Enterococcus* isolates based on food origin.

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Table S1. Total count of microorganisms in bird, fish, reptile, and mammal food samples in colony forming unit per gram (CFU/g).

Birds		Fish		Reptiles		Mammals	
Sample	**CFU/g**	**Sample**	**CFU/g**	**Sample**	**CFU/g**	**Sample**	**CFU/g**
A1	30	**P1**	0	**R1**	20	**M1**	260
A2	0	**P2**	0	**R2**	800	**M2**	200
A3	250	**P3**	130	**R3**	2400		
A4	0	**P4**	100	**R4**	10		
A5	830	**P5**	10	**R5**	10000		
A6	600	**P6**	120	**R6**	100		
A7	320	**P7**	0	**R7**	0		
A8	3600	**P8**	20				
A9	27000	**P9**	100				
A10	70	**P10**	170				
A11	1100	**P11**	10				
A12	20	**P12**	60				
A13	110	**P13**	43000				
A14	50	**P14**	10				
A15	400	**P15**	10				
A16	60	**P16**	20				
A17	440	**P17**	20				
A18	1900	**P18**	10				
A19	10	**P19**	10000				
A20	200	**P20**	10				
A21	120	**P21**	20				
A22	0	**P22**	0				
A23	1800						
A24	3100						
A25	83000						
A26	0						

Table S2. Phenotypic, genotypic and virulent profile of the 60 selected *Enterococcus* isolates based on food origin.

Sample	Food origin	Species	Phenotypic profile	Genotypic profile	Virulent profile
P3(2)	Fish	*E. faecium*	RD	*erm*B-*tet*K-*tet*L-*van*A	-----
P3(4)	Fish	*E. faecalis*	RD	-----	*esp-cyl*M
P4(1)	Fish	*E. faecium*	RD	*erm*B-*tet*L	*cyl*L
P4(2)	Fish	*E. faecium*	TET-ERY-RD	*erm*B-*tet*L	*cyl*L
P3(V3)	Fish	*E. faecium*	VAN-TEC-F-FOS	*erm*B-*tet*K-*tet*L-*van*A	-----
P10(2)	Fish	*E. faecium*	CIP-RD	*erm*B-*tet*L	*cyl*L
P11(1)	Fish	*E. gallinarum*	TET-ERY-RD	*erm*B-*tet*M-*ant*(6)-*Ia*	*esp-gel*E-*cpd-cyl*L
P11(2)	Fish	*E. durans*	TET-ERY-RD	*erm*B-*tet*M-*tet*L-*vat*E-*van*A-*ant*(6)-*Ia*	*gel*E-*agg-cyl*M-*cyl*L
P12(1)	Fish	*E. durans*	TET-ERY-QD	*erm*B-*tet*M-*tet*L-*vat*D-*ant*(6)-*Ia*	*esp-gel*E-*agg-cyl*A-*cyl*M-*cyl*L
P12(2)	Fish	*E. durans*	TET-ERY-QD	*erm*B-*tet*K-*tet*M-*tet*L-*aac*(6′)-*aph*(2′′)-*Ia*-*cat*A-*van*A-*ant*(6)-*Ia*	*esp-gel*E-*agg-cpd-cyl*A-*cyl*M-*cyl*L
P12(4)	Fish	*E. gallinarum*	TET-ERY-QD	*erm*B-*tet*M-*tet*L-*cat*A-*van*A-*ant*(6)-*Ia*	*esp-gel*E-*agg-cpd-cyl*A-*cyl*M-*cyl*L
P13(2)	Fish	*E. faecalis*	ERY	*tet*M-*ant*(6)-*Ia*	*esp-gel*E-*agg-cpd-cyl*M-*cyl*L
P13(3)	Fish	*E. faecalis*	ERY	*tet*M	*esp-cpd-cyl*B-*cyl*M-*cyl*L
P19(4)	Fish	*E. faecium*	CIP-F-RD-LNZ	*erm*A-*erm*C-*vat*E-*van*B-*ant*(6)-*Ia*	-----
P20(2)	Fish	*E. faecalis*	CIP-F-RD	*van*B	-----
P20(3)	Fish	*E. faecalis*	TET-CIP-RD	-----	*cyl*L
P20(4)	Fish	*E. faecium*	TET-ERY-CIP-C-QD-RD	*van*B-*ant*(6)-*Ia*	*cyl*L
P21(1)	Fish	*E. faecalis*	CIP-RD-LNZ	-----	-----
P21(2)	Fish	*E. faecalis*	CIP-RD	*erm*B	-----
A3(1)	Bird	*E. faecium*	ERY- RD	*erm*B-*tet*L	*agg*
A5(1)	Bird	*E. faecium*	TET-ERY- RD	*erm*B-*tet*L	*cyl*L
A6(1)	Bird	*E. faecium*	---	*erm*B-*erm*C-*tet*L-*van*A-*ant*(6)-*Ia*	-----
A6(3)	Bird	*E. gallinarum*	TET-ERY	*erm*B-*tet*K-*tet*M-*cat*A-*van*A-*ant*(6)-*Ia*	*esp-gel*E-*cyl*L
A7(1)	Bird	*E. gallinarum*	RD	*erm*B-*tet*M-*tet*L-*ant*(6)-*Ia*	*esp-gel*E-*agg-cpd-cyl*B-*cyl*L
A7(2)	Bird	*E. gallinarum*	RD	*erm*B-*tet*k-*tet*L-*cat*A-*van*A-*ant*(6)-*Ia*	*esp*
A7(4)	Bird	*E. faecalis*	TET-RD	*tet*M-*ant*(6)-*Ia*	*esp-cyl*B-*cyl*M
A7(5)	Bird	*E. faecalis*	TET-RD	*tet*M	*cpd-cyl*M
A7(6)	Bird	*E. faecalis*	TET-RD	*tet*K	-----
A7(7)	Bird	*E. faecalis*	---	*vat*E	*esp-cyl*L
A7(8)	Bird	*E. faecalis*	---	*tet*L-*vat*E	*esp-cyl*L
A9(1)	Bird	*E. faecium*	RD	*erm*B-*erm*C-*tet*K-*tet*L-*van*A-*ant*(6)-*Ia*	-----
A9(2)	Bird	*E. durans*	---	*erm*B-*tet*K-*tet*M-*tet*L-*cat*A-*vat*D-*ant*(6)-*Ia*	*cyl*L
A9(3)	Bird	*E. faecalis*	---	*tet*M-*tet*L-*cat*A-*vat*D-*van*A-*ant*(6)-*Ia*	*esp-gel*E-*cyl*M-*cyl*L
A9(4)	Bird	*E. gallinarum*	---	*erm*B-*tet*K-*tet*M-*tet*L-*cat*A-*vat*D-*van*A	*esp-cyl*L
A10(1)	Bird	*E. faecium*	QD-RD-FOS	*erm*B-*tet*L-*van*A	*cyl*L

A10(2)	Bird	*E. gallinarum*	RD	*erm*B-*tet*M-*tet*L-*aac*(6′)-*aph*(2′′)-*Ia*-*cat*A-*vat*E-*van*A-*ant*(6)-*Ia*	*esp*-*gel*E-*agg*-*cpd*-*cyl*A-*cyl*L
A11(1)	Bird	*E. faecalis*	ERY-CIP-RD	-----	-----
A11(2)	Bird	*E. gallinarum*	TET-ERY- CIP-RD	*erm*B-*tet*K-*tet*M-*tet*L-*aac*(6′)-*aph*(2′′)-*Ia*-*ant*(6)-*Ia*	*esp*-*gel*E-*agg*-*cpd*-*cyl*M-*cyl*L
A13(1)	Bird	*E. faecium*	TET-ERY- RD	*erm*B-*tet*L	-----
A14(1)	Bird	*E. gallinarum*	QD-RD	*erm*B-*tet*M-*tet*L-*cat*A-*van*A-*ant*(6)-*Ia*	*esp*-*gel*E-*cyl*M-*cyl*L
A14(3)	Bird	*E. gallinarum*	CIP-QD-RD-LNZ	*erm*A-*vat*E-*van*A-*van*B	-----
A15(1)	Bird	*E. faecalis*	TET-ERY-CIP-RD-LNZ	*erm*C-*tet*K-*van*A-*van*B	*agg*
A15(3)	Bird	*E. gallinarum*	TET-ERY-CIP-F-RD-LNZ	*erm*B-*tet*L-*cat*A-*vat*E-*van*A	*gel*E-*agg*-*cyl*A-*cyl*L
A15(V1)	Bird	*E. faecalis*	ERY-CIP-F-RD	*erm*C-*van*A-*van*B	*agg*
A15(V3)	Bird	*E. faecalis*	AMP-TET-ERY-CIP-QD-F-RD-LNZ	ermC-tetK-vatE-vanA-vanB	*agg*
A15(V4)	Bird	*E. faecalis*	AMP-TET-ERY-CIP-QD-F-RD-FOS-LNZ	*tet*K-*van*A-*van*B	*agg*
A21(2)	Bird	*E. faecium*	ERY-CIP-C-QD-LNZ	*van*A-*van*B	*agg*
A23(2)	Bird	*E. gallinarum*	CIP-QD-F-RD	*erm*B-*tet*K-*tet*M-*tet*L-*van*B-*ant*(6)-*Ia*	*esp*-*cpd*-*cyl*A-*cyl*L
A24(1)	Bird	*E. faecium*	TET-CIP-QD-RD-LNZ	ermB-ermC-tetK-tetL	-----
A24(3)	Bird	*E. faecalis*	CIP-QD-F-RD-LNZ	*tet*M-*tet*L	*esp*-*cyl*L
A26(1)	Bird	*E. faecium*	AMP-TET-ERY-CIP-QD-RD-LNZ	*erm*B-*tet*K-*tel*L	-----
A26(2)	Bird	*E. faecalis*	TET-ERY-CIP-C-QD-RD-LNZ	*erm*B-*tet*M-*tet*L	*esp*-*gel*E-*cyl*M-*cyl*L
A26(3)	Bird	*E. faecalis*	TET-CIP-QD-RD-LNZ	*erm*B-*tet*K-*tet*M	*esp*-*gel*E-*agg*-*cyl*A-*cyl*M
R1(2)	Reptile	*E. gallinarum*	TET-ERY-CIP-QD-F-RD	*erm*B-*tet*K-*tet*L	*esp*-*cpd*-*cyl*L
R2(1)	Reptile	*E. gallinarum*	CIP-F-RD-LNZ	*cat*A-*vat*E-*van*A	*gel*E-*agg*-*cyl*L
R2(2)	Reptile	*E. faecium*	ERY-CIP-RD	*erm*A-*van*B	-----
R3(2)	Reptile	*E. gallinarum*	----	*erm*B-*tet*K-*tet*M-*cat*A-*van*A-*ant*(6)-*Ia*	*esp*-*gel*E-*agg*-*cpd*-*cyl*L
R6(1)	Reptile	*E. faecalis*	CIP-RD	*erm*B-*vat*E-*van*B	-----
R6(2)	Reptile	*E. faecium*	CIP-RD	*vat*E	-----
R6(4)	Reptile	*E. faecium*	CIP-RD	-----	-----