CORRECTION



Correction to: Antimicrobial resistance among indicator Enterococcus faecium and Escherichia coli in Swedish pig farms

Valeriia Ladyhina^{1*}, Susanna Sternberg-Lewerin¹, Linus Andersson² and Elisabeth Rajala¹

Correction to: Antimicrobial resistance among indicator Enterococcus faecium and Escherichia coli in Swedish pig farms https://doi.org/10.1186/s13028-024-00756-8

Following publication of the original article [1], we have been notified that Figs. 1 and 2 were published incorrectly.

The online version of the original article can be found at https://doi. org/10.1186/s13028-024-00756-8.

*Correspondence: Valeriia Ladyhina Valeriia.Ladyhina@slu.se ¹Division of Bacteriology and Food Safety, Department of Animal Biosciences, Swedish University of Agricultural Sciences, P.O. Box 7054, Uppsala 750 07, Sweden ²Department of Medical Biochemistry and Microbiology (IMBIM), Uppsala

University, P.O. Box 582, Uppsala 751 23, Sweden



© The Author(s) 2024. **Open Access** This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicate of the original autor (s) and the source, provide a link to the Creative Commons licence, unless indicate of the otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this licence, visit http://creativecommons.org/licenses/by/4.0/. The Creative Commons Public Domain Dedication waiver (http://creativecommons.org/publicdomain/zero/1.0/) applies to the data made available in this article, unless otherwise stated in a credit line to the data.

!'6\$"\$%./G\$4&BEFG@64'%	PRO		AF"GB/2B"#\$% & \$@/&46-@BH\$67B,I1BJ">KLMBJ'NO::M															
	PBQ	!"!#\$!"!%	!"!&	!"#	!""\$!"\$	#	•	()	#&	%'	&(#')	'\$&	\$#'	#!'(
!"#\$%\$&&\$'	()*+							#*	\$\$	(!	#	1	+					
,/#-'-"	0)00		#"	!	1	1	1	!	!	!	!	1						
1\$#./2&/34%\$'	0)00	##&	(1.1	!	!	!	!	!	!	!							
!5\$67./"8%\$'	0)9:								'#	\$+	(!	%	#	!				
!"\$;4%\$'	0)9:									##*	(-, -)	#	1	!	!			
<-'64"\$%\$'	0)00						###	+	(1	!	1						
=\$>-%8%&\$'-	0)00					#'	1	!	!	!	!							
1-2645\$?\$"-	0)00					##&	&	!	1	!	1							
1-2/643\$"-	0)00					#'	1	!	!	!								
17&/.4"#7-'\$%/&	0)00										#'!	(-, -)	1	!				
1/&\$@6\$'	0)00							#'!	~ 10	!	!	1						
A4&4?\$3\$%B!%\$?	0)00									#'	!	1	!	!				
=-6.4%8%&\$'-	C)0:								##!	#	!	1	##					
=.\$"-67/#.\$"	:)+D					1*	&*	#+	(1	1	%						
EF&24"-67/345/&-	:)+D										**	#)	#	#	1	!	%	4

Fig. 1 Distribution of MIC values of *E. coli* isolates (*n* = 122). Red and green cells indicate the range of tested concentrations. Vertical black lines indicate EUCAST epidemiological cutoffs

F#6(&(\$4%J("-HK3J56"#	GHI					L3&J+	4H%91	#\$%&'()*H(5%	6-"6+5	HM(6AI	HNO>F	IP&B7	CQHP#	R <sq< th=""><th></th><th></th></sq<>		
	GHI	!"!#	!"!\$!"%&	!"&'	! '''	%	&	()	%\$	#&	\$(%&)	&'\$	'%&	%!&(
!"#\$%&'\$(#)							%'	(1	!	!	1	!			
*+(\$%,-"#(#	./01					\$)	(%	!	1	1	%	1				
23(#3,4(56(#78"-9%,4(56	i (# :/.					%'	*)	#	&	1	1	1				
*+64"\$'- (#+	;<						'#	%	1	1	1	+	%&	%			
=",6%&'\$(#	;/<				%	1	%+	#(%*	%	%	%					
>(,4%9-%?"\$(#)			%	#	%'	*	%+	&%)	1						
@4'6A4%&'\$(#	;1/<						*	&#</td><td>&#</td><td>\$</td><td>&</td><td>1</td><td>1</td><td>%%</td><td></td><td></td><td></td></tr><tr><td>*(B+\$'\$-(#+</td><td>)</td><td>#</td><td></td><td>%\$</td><td>1</td><td>1</td><td>1</td><td>1</td><td>!</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>C(#+D%-(8</td><td>./01</td><td></td><td></td><td></td><td></td><td>1</td><td>&</td><td>\$+</td><td>(</td><td>%</td><td>!</td><td>!</td><td>1</td><td></td><td></td><td></td><td></td></tr><tr><td>E+#6"&(\$(#</td><td>./01</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$'</td><td>\$</td><td>&</td><td>%</td><td>1</td><td>1</td><td>1</td><td>!</td></tr><tr><td>F&,(\$((#</td><td>)</td><td></td><td></td><td></td><td></td><td>%#</td><td>#'</td><td>%!</td><td>%\$</td><td>1</td><td>1</td><td>1</td><td>1</td><td></td><td></td><td></td><td></td></tr><tr><td>>A-%4"&,A+#(\$%-</td><td>)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>&#</td><td>'%</td><td>1</td><td>1</td><td>1</td><td>!</td><td></td><td></td><td></td></tr></tbody></table>									

Fig. 2 Distribution of MIC values of *E. faecium* isolates (*n* = 74). Red and green cells indicate the range of tested concentrations. Vertical black lines indicate EUCAST epidemiological cutoffs

It should be as follows:

Antimicrobial Substance	% R					Numb	er of E	E. coli i	solates	s with N	ЛIC (m	g/L) (n=	=122)					
		0.015	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	1024
Ampicillin	5.74							19	55	40	1	0	7					
Meropenem	0.00		122	0	0	0	0	0	0	0	0	0						
Ciprofloxacin	0.00	116	4	2	0	0	0	0	0	0	0							
Azithromycin	0.82								21	57	40	3	1	0				
Amikacin	0.82									119	2	1	0	0	0			
Gentamicin	0.00						111	7	4	0	0	0						
Tigecycline	0.00					122	0	0	0	0	0							
Ceftazidime	0.00					116	6	0	0	0	0							
Cefotaxime	0.00					122	0	0	0	0								
Chloramphenicol	0.00										120	2	0	0				
Colistin	0.00							120	2	0	0	0						
Naladixic Acid	0.00									122	0	0	0	0				
Tetracycline	9.02								110	1	0	0	11					
Trimethoprim	2.46					29	69	17	4	0	0	3						
Sulfamethoxazole	2.46										99	18	1	1	0	0	3	

Fig. 1 Distribution of MIC values of *E. coli* isolates (*n* = 122). Red and green cells indicate the range of tested concentrations. Vertical black lines indicate EUCAST epidemiological cutoffs

Antibiotic Substance	% R					Num	ber of E	. faeciu	<i>m</i> isola	tes with	MIC (r	mg/L) (r	n=74)				
	70 K	0.03	0.06	0.12	0.25	0.5	1	2	4	8	16	32	64	128	256	512	1024
Vancomycin	0						55	15	4	0	0	0	0	0			
Teicoplanin	1.35					68	4	1	0	0	0	1	0				
Quinupristin/dalfopristin	58.1					15	9	8	35	2	5	0	0				
Tetracyline	27						53	1	0	0	0	7	12	1			
Daptomycin	2.7				1	0	17	34	19	1	1	1					
Ciprofloxacin	0			1	3	15	9	17	21	8	0						
Erythromycin	25.7						9	23	23	6	2	0	0	11			
Tigecycline	0	3	55	16	0	0	0	0	0								
Linezolid	1.35					0	2	67	4	1	0	0	0				
Gentamicin	1.35									65	6	2	1	0	0	0	0
Ampicillin	0					13	35	10	16	0	0	0	0				
Chloramphenicol	0								23	51	0	0	0	0			

Fig. 2 Distribution of MIC values of *E. faecium* isolates (*n* = 74). Red and green cells indicate the range of tested concentrations. Vertical black lines indicate EUCAST epidemiological cutoffs

The original article was updated.

Published online: 13 August 2024

References

 Ladyhina, et al. Antimicrobial resistance among indicator Enterococcus faecium and Escherichia coli in Swedish pig farms (2024). 66. 2024;34. https:// doi.org/10.1186/s13028-024-00756-8.

Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.