

9. Anhang

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Anhangstabelle 1: Resistenzmuster der *E. faecalis* -Isolate vom Rind

☐ = sensibel, ◐ = intermediär, ◼ = resistent

Bedeutung der Abkürzungen: Pen = Penicillin, Amp = Ampicillin, A/C = Amoxicillin/Clavulansäure, Gen = Gentamicin (Hochresistenz), Tet = Tetrazyklin, Ery = Erythromycin, Tyl = Tylosin, Van = Vancomycin, Tei = Teicoplanin, Enr = Enrofloxacin, Q/D = Quinupristin/Dalfopristin, Chl = Chloramphenicol, Bac = Bacitracin, Fla = Flavomycin, Avi = Avilamycin

Stamm	antimikrobiell wirksame Substanz														
	Pen	Amp	A/C	Gen	Tet	Ery	Tyl	Van	Tei	Enr	Q/D	Chl	Bac	Fla	Avi
R1Ha						◐				◼					
R1HCvb											◐				
R2Ha						◐				◐	◼				
R3Ka						◐				◐					
R4HCa						◐				◼					
R5Ha						◐				◐	◼				
R5HCva					◼	◐				◐	◼				
R6Ha					◼	◐				◐	◼				
R6KCa														◼	◼
R7Ha					◼	◐				◐	◼				
R8Ha					◼	◐				◐	◼				
R9Ha					◼	◐				◐	◼				
R11Ha										◐	◼				
R11Ka						◐				◐	◼				
R12Ha						◐				◐	◼				
R12Ka						◐				◐	◼				
R13Hb										◐	◼				
R13Ka						◐				◐	◼				
R14Ha										◐	◼				
R14HCva						◐				◐	◼				
R15HCa										◐	◼				
R19Ha										◐	◼				
R19HCb										◐	◼				
R19KCb										◐	◼			◼	
R20HCa						◐				◐	◼				
R24Ka						◐				◐	◼				
R26Ha										◐	◼				
R27Ha										◐	◼				
R28Ha										◐	◼				
R28KCa						◐				◐	◼				
R29Ha										◐	◼				
R29HCa						◐				◐	◼			◼	◼
R30Ha										◐	◼				
R30Ka						◐	◼			◐	◼				◼
R31Ha										◐	◼				

Anhangstabelle 1 (Fortsetzung): Resistenzmuster der *E. faecalis*-Isolate vom Rind

☐ = sensibel, ◐ = intermediär, ◼ = resistent

Bedeutung der Abkürzungen: Pen = Penicillin, Amp = Ampicillin, A/C = Amoxicillin/Clavulansäure, Gen = Gentamicin (Hochresistenz), Tet = Tetrazyklin, Ery = Erythromycin, Tyl = Tylosin, Van = Vancomycin, Tei = Teicoplanin, Enr = Enrofloxacin, Q/D = Quinupristin/Dalfopristin, Chl = Chloramphenicol, Bac = Bacitracin, Fla = Flavomycin, Avi = Avilamycin

Stamm	antimikrobiell wirksame Substanz														
	Pen	Amp	A/C	Gen	Tet	Ery	Tyl	Van	Tei	Enr	Q/D	Chl	Bac	Fla	Avi
R31Ka										◐	◼	◼			◼
R32Ha										◐	◼	◐	◼		
R32Ka						◐				◐	◼	◐			
R33Ha										◐	◼	◐			
R33Ka						◐				◐	◼	◐			
R34Ha										◐	◼	◐			
R34HCa										◐	◼	◐			
R34Ka						◐				◐	◼	◐			
R35Ha											◼	◐			
R35Ka					◼	◐				◐	◼	◐			
R36Ka						◐					◼	◐			
R37Ha												◐			
R38Ha										◐	◼	◐			
R38HCa										◐	◼	◐			
R39Ha					◼	◼	◼				◼	◐	◼	◼	
R39HCb					◼	◼	◼				◼	◐	◼	◼	
R39Ka					◼	◼	◼				◼	◐	◼	◼	
R40Ha										◐	◼	◐			
R40KCa					◼	◼	◼				◼	◐	◼	◼	
R42Ha							◐			◐	◼	◐			◼
R43Ha										◐	◼	◐			
R44HCb					◼						◼	◐			
R45KCa										◐	◼	◐			
R46Ha										◐	◼	◐			
R47Ha										◐	◼	◐			
R48Ka						◐				◐	◼	◐	◼		
R50Ka										◐	◼	◐		◼	◼
R52Ka							◐			◐	◼	◐	◼		
R53Ka							◐			◐	◼	◐	◼		
R54Ha					◼	◐				◐	◼	◐	◼		
R55Ha											◼	◐			
R57Ka										◐	◼	◐			
R59Ha										◐	◼	◐			
R60Ka										◐	◼	◐		◼	

Anhangstabelle 2: Resistenzmuster der *E. faecalis*-Isolate vom Schwein

☐ = sensibel, ◐ = intermediär, ◑ = resistent

Bedeutung der Abkürzungen: Pen = Penicillin, Amp = Ampicillin, A/C = Amoxicillin/Clavulansäure, Gen = Gentamicin (Hochresistenz), Tet = Tetrazyklin, Ery = Erythromycin, Tyl = Tylosin, Van = Vancomycin, Tei = Teicoplanin, Enr = Enrofloxacin, Q/D = Quinupristin/Dalfopristin, Chl = Chloramphenicol, Bac = Bacitracin, Fla = Flavomycin, Avi = Avilamycin

Stamm	antimikrobiell wirksame Substanz														
	Pen	Amp	A/C	Gen	Tet	Ery	Tyl	Van	Tei	Enr	Q/D	Chl	Bac	Fla	Avi
S1Ha															
S1Ka															
S1KCva															
S3Ha															
S3HCva															
S3Ka															
S4Ha															
S5Ha															
S5Ka															
S6Ha															
S7Ka															
S8Ka															
S9Ha															
S18Ha															
S21Ka															
S22Ha															
S23Ka															
S25Ka															
S26Ha															
S26HCva															
S27Ha															
S30Ha															
S30Ka															
S32Ka															
S33Ka															
S34Ha															
S34Ka															
S35Ha															
S35Ka															
S36Ha															
S36HCva															
S37Ha															
S37HCa															
S39KCa															
S41Ka															

Anhangstabelle 2 (Fortsetzung): Resistenzmuster der *E. faecalis*-Isolate vom Schwein

☐ = sensibel, ◻ = intermediär, ■ = resistent

Bedeutung der Abkürzungen: Pen = Penicillin, Amp = Ampicillin, A/C = Amoxicillin/Clavulansäure, Gen = Gentamicin (Hochresistenz), Tet = Tetrazyklin, Ery = Erythromycin, Tyl = Tylosin, Van = Vancomycin, Tei = Teicoplanin, Enr = Enrofloxacin, Q/D = Quinupristin/Dalfopristin, Chl = Chloramphenicol, Bac = Bacitracin, Fla = Flavomycin, Avi = Avilamycin

Stamm	antimikrobiell wirksame Substanz														
	Pen	Amp	A/C	Gen	Tet	Ery	Tyl	Van	Tei	Enr	Q/D	Chl	Bac	Fla	Avi
S42Ha										◻	■				
S42KCa					■	◻				◻	■	◻			
S43Ha											■				
S44Ha						◻				◻	■	◻			
S44Ka											■				
S45Ha						◻					■			■	
S46Ha						◻				◻	■				
S46HCa										◻	■	◻			
S46Ka					■	■	■			◻	■	■			
S47Ha					■	◻				◻	■				
S47Ka										◻	■	◻			
S48Ha						◻				◻	■	◻			
S51Ka										◻	■	■			
S51KCva						◻				◻	■	■			■
S53Ka						◻	■			◻	■	■	■		■
S56Ha					■	◻	■			■	■	■			■
S59Ha							■			■	■	■			■
S59HCva					■					◻	■	■	■		
S59Ka					■					◻	■	◻	■		
S59KCva					■					◻	■	◻	■		
S61Ha										◻	■	◻			
S63Ha					■					◻	■	◻			
S65Ha										◻	■	■			■
S65Ka										◻	■				
S67Ha					■	■	■			◻	■	◻			
S70KCa					■					◻	■	◻			
S74Ha						◻				◻	■				
S77Ha										◻	■				
S80Ka										◻	■				
S81Ka											■	◻			
S82Ha						◻				◻	■	◻			
S83Ha											■				
S85Ha											■				
S86Ha											■				
S87Ha											■				

Anhangstabelle 2 (Fortsetzung): Resistenzmuster der *E. faecalis*-Isolate vom Schwein

☐ = sensibel, ◐ = intermediär, ◼ = resistent

Bedeutung der Abkürzungen: Pen = Penicillin, Amp = Ampicillin, A/C = Amoxicillin/Clavulansäure, Gen = Gentamicin (Hochresistenz), Tet = Tetrazyklin, Ery = Erythromycin, Tyl = Tylosin, Van = Vancomycin, Tei = Teicoplanin, Enr = Enrofloxacin, Q/D = Quinupristin/Dalfopristin, Chl = Chloramphenicol, Bac = Bacitracin, Fla = Flavomycin, Avi = Avilamycin

Stamm	antimikrobiell wirksame Substanz														
	Pen	Amp	A/C	Gen	Tet	Ery	Tyl	Van	Tei	Enr	Q/D	Chl	Bac	Fla	Avi
S87Ka					◐	◐				◐	◐	◐	◐		
S90Ka					◐					◐	◐		◐		
S90KCva					◐					◐	◐				
S91Ha						◐				◐	◐				
S92Ha						◐				◐	◐				
S93Ka						◐				◐	◐				
S94Ha										◐	◐				
S95Ha				◐	◐	◐	◐			◐	◐	◐	◐		
S95KCva								◐		◐	◐				
S97Ka						◐				◐	◐				
S97KCva										◐	◐	◐			

Anhangstabelle 3: Resistenzmuster der *E. faecalis*-Isolate aus Lebensmitteln

☐ = sensibel, ◻ = intermediär, ◼ = resistent

Bedeutung der Abkürzungen: Pen = Penicillin, Amp = Ampicillin, A/C = Amoxicillin/Clavulansäure, Gen = Gentamicin (Hochresistenz), Tet = Tetrazyklin, Ery = Erythromycin, Tyl = Tylosin, Van = Vancomycin, Tei = Teicoplanin, Enr = Enrofloxacin, Q/D = Quinupristin/Dalfopristin, Chl = Chloramphenicol, Bac = Bacitracin, Fla = Flavomycin, Avi = Avilamycin

Stamm	antimikrobiell wirksame Substanz														
	Pen	Amp	A/C	Gen	Tet	Ery	Tyl	Van	Tei	Enr	Q/D	Chl	Bac	Fla	Avi
L4a						◻				◻	◼	◻			
L7a										◻	◼	◻			
L11a						◻				◻	◼	◻			
L11Aa						◻				◻					
L11Ava						◻				◻					
L15a						◻	◼				◼	◻			
L16a					◼	◻				◻	◼				
L19a										◻					
L20a						◻									
L25b						◻				◻		◻			
L28a											◼				
L28Ava						◻				◻	◼	◻			
L29Aa						◻				◻		◼			◼
L30Aa					◼					◻	◼	◻			
L30Ava					◼	◻	◼			◻	◼	◼			
L31Aa					◼	◻				◻	◼	◻			
L31Ava										◻				◼	
L33Aa					◼	◻				◻	◼	◻			
L34Aa				◼	◼	◻	◼				◼	◻			
L35Aa					◼	◻				◻	◼	◻			
L36Aa										◻	◼				
L36Ava										◻	◼				
L37a					◼	◻									
L37Ab					◼	◻									
L37Ava										◻	◼	◼			◼
L38a					◼	◻				◻					
L38Ava					◼	◻									
L39a					◼	◻									
L40a					◼	◻				◻	◼				
L41Aa					◼	◻				◻	◼				
L42Ab						◻					◼				
L43Ab						◻					◼				
L43Avb						◻					◼				
L44Aa										◻	◼	◻			
L45a					◼	◻				◻	◼				

Anhangstabelle 3 (Fortsetzung): Resistenzmuster der *E. faecalis*-Isolate aus Lebensmitteln

☐ = sensibel, ◻ = intermediär, ■ = resistent

Bedeutung der Abkürzungen: Pen = Penicillin, Amp = Ampicillin, A/C = Amoxicillin/Clavulansäure, Gen = Gentamicin (Hochresistenz), Tet = Tetrazyklin, Ery = Erythromycin, Tyl = Tylosin, Van = Vancomycin, Tei = Teicoplanin, Enr = Enrofloxacin, Q/D = Quinupristin/Dalfopristin, Chl = Chloramphenicol, Bac = Bacitracin, Fla = Flavomycin, Avi = Avilamycin

Stamm	antimikrobiell wirksame Substanz														
	Pen	Amp	A/C	Gen	Tet	Ery	Tyl	Van	Tei	Enr	Q/D	Chl	Bac	Fla	Avi
L45Aa						◻				◻	■				
L46Aa						◻				◻					
L47a						◻				◻	■				
L47Aa						◻				◻	■				
L47Ava					■					◻	■				
L49Aa						◻				◻	■	◻			
L50Aa					■					◻	■				
L50Ab						◻				◻	■	◻			
L50Ac						◻				◻	■				
L50Ava						◻				◻	■	◻			
L51a					■					◻	■				
L51Aa						◻				◻	■				
L51Ava						◻				◻	■	◻			
L52Aa					■	■	■			◻	■	◻			
L52Ava					■	■	■			◻	■	■			
L54a						◻									
L54Aa					■					◻	■				
L55a						◻				◻	■				
L55Aa						◻				◻	■				
L57Aa						◻				◻	■	◻			
L58Aa						◻				◻	■				
L58Ava						◻				◻	■	◻			
L59Aa						◻				◻	■				
L59Ava						◻				◻	■				
L60a						◻					■				
L60Avb						◻									
L61Aa						◻				◻	■				
L62Aa					■	◻					■				
L63Aa						◻					■				
L64Aa						◻						◻			
L65Aa						◻				◻	■				
L66Aa						◻				◻	■				
L67a						◻									
L67Ava											◻				
L71a											■	◻			

Anhangstabelle 3 (Fortsetzung): Resistenzmuster der *E. faecalis*-Isolate aus Lebensmitteln

□ = sensibel, □ = intermediär, ■ = resistent

Bedeutung der Abkürzungen: Pen = Penicillin, Amp = Ampicillin, A/C = Amoxicillin/Clavulansäure, Gen = Gentamicin (Hochresistenz), Tet = Tetrazyklin, Ery = Erythromycin, Tyl = Tylosin, Van = Vancomycin, Tei = Teicoplanin, Enr = Enrofloxacin, Q/D = Quinupristin/Dalfopristin, Chl = Chloramphenicol, Bac = Bacitracin, Fla = Flavomycin, Avi = Avilamycin

Stamm	antimikrobiell wirksame Substanz														
	Pen	Amp	A/C	Gen	Tet	Ery	Tyl	Van	Tei	Enr	Q/D	Chl	Bac	Fla	Avi
L72Aa						■				■					
L74Aa						■				■		■			
L75Ab					■	■				■		■			
L76a						■				■					
L77b					■	■				■					
L78Aa					■	■				■		■	■		
L80a						■				■		■			
L81a					■	■				■		■			
L82a					■	■	■			■		■	■		■
L83a						■				■		■			
L84a						■				■		■			
L85a					■	■				■					
L86a						■				■					
L87a						■				■		■			
L88b					■	■	■			■		■	■		
L89a						■				■		■			
L90Aa						■				■		■			
L92Ab						■				■		■			
L94a					■	■				■		■			
L95a					■	■				■		■			
L95vb					■	■				■		■		■	■
L95Ava					■	■				■		■			
L97Aa						■	■			■		■			
L99Aa					■	■				■		■			
L100a						■				■		■			
L101Aa						■				■		■	■		
L102Aa					■	■				■		■			
L102Avc					■	■				■		■			
L103Aa					■	■				■		■			
L104a					■	■				■		■		■	
L104Aa					■	■				■		■			
L105Aa					■	■				■		■			
L105Avc					■	■				■		■			
L106a					■	■	■			■		■			
L106Ava						■				■		■			

Anhangstabelle 3 (Fortsetzung): Resistenzmuster der *E. faecalis*-Isolate aus Lebensmitteln

☐ = sensibel, ◻ = intermediär, ■ = resistent

Bedeutung der Abkürzungen: Pen = Penicillin, Amp = Ampicillin, A/C = Amoxicillin/Clavulansäure, Gen = Gentamicin (Hochresistenz), Tet = Tetrazyklin, Ery = Erythromycin, Tyl = Tylosin, Van = Vancomycin, Tei = Teicoplanin, Enr = Enrofloxacin, Q/D = Quinupristin/Dalfopristin, Chl = Chloramphenicol, Bac = Bacitracin, Fla = Flavomycin, Avi = Avilamycin

Stamm	antimikrobiell wirksame Substanz														
	Pen	Amp	A/C	Gen	Tet	Ery	Tyl	Van	Tei	Enr	Q/D	Chl	Bac	Fla	Avi
L107a						◻									
L107Avc					■	■	■						■		
L108a						◻				◻					
L108Ava						◻									
L109a										◻	■	◻			
L110Aa					■					◻	■	◻			
L111a										◻	■	◻			
L114Aa										◻	■	◻			
L116Aa						◻				◻	■	◻			
L118Aa						◻				◻	■	◻			
L120a						◻				◻	■	◻			
L127a						◻				◻	■	◻			
L129a					■						■	◻			
L131Aa						◻				◻	■	◻		■	
L132Aa										◻	■	◻			
L134a					◻					◻	■	◻			
L135Aa										◻	■	◻			
L136a										◻	■	◻			
L139Aa						◻				◻	■	◻			
L140Aa										◻	■	◻			
L141Aa				■	■	■	■			◻	■	◻			
L143Aa				■	■					◻	■	◻			
L145Aa						◻				◻	■	◻			
L146Aa										◻	■	◻			
L147Aa						◻				◻	■	◻			
L149Aa										◻	■	◻			
L150Aa					■	◻				◻	■	◻			
L153Aa						◻				◻	■	◻			
L158a											■				
L159a						◻				◻	■	◻			
L160a					■					◻	■	◻			
L161a										◻	■	◻			
L162a					■	■	■			◻	■	◻			
L163a					■	■	■				■	■			

Anhangstabelle 4: Resistenzmuster der *E. faecium* -Isolate vom Rind

☐ = sensibel, ◐ = intermediär, ◼ = resistent

Bedeutung der Abkürzungen: Pen = Penicillin, Amp = Ampicillin, A/C = Amoxicillin/Clavulansäure, Gen = Gentamicin (Hochresistenz), Tet = Tetrazyklin, Ery = Erythromycin, Tyl = Tylosin, Van = Vancomycin, Tei = Teicoplanin, Enr = Enrofloxacin, Q/D = Quinupristin/Dalfopristin, Chl = Chloramphenicol, Bac = Bacitracin, Fla = Flavomycin, Avi = Avilamycin

Stamm	antimikrobiell wirksame Substanz														
	Pen	Amp	A/C	Gen	Tet	Ery	Tyl	Van	Tei	Enr	Q/D	Chl	Bac	Fla	Avi
R10Kc	☐	☐	☐	☐	☐	◐	☐	☐	☐	◐	◐	◐	◐	◐	◐
R12Hd	☐	☐	☐	☐	☐	◐	☐	☐	☐	◐	☐	◐	☐	◐	◐
R15HCb	☐	☐	☐	☐	☐	☐	☐	☐	☐	◐	◐	◐	◐	☐	☐
R23HCb	☐	☐	☐	☐	☐	◐	☐	☐	☐	◐	◐	◐	◐	◐	☐
R43Ka	☐	☐	☐	☐	☐	◐	☐	☐	☐	◐	☐	◐	◐	◐	◐
R44Ka	☐	☐	☐	☐	☐	◐	☐	☐	☐	◐	☐	◐	◐	◐	◐
R49Kc	☐	☐	☐	☐	◐	☐	☐	☐	☐	◐	☐	◐	◐	◐	◐
R51KCa	☐	☐	☐	☐	☐	☐	☐	☐	☐	◐	◐	◐	◐	◐	☐
R59Kb	◐	☐	☐	☐	◐	◐	☐	☐	☐	◐	◐	◐	◐	◐	◐

Anhangstabelle 5: Resistenzmuster der *E. faecium*-Isolate vom Schwein

☐ = sensibel, ◻ = intermediär, ■ = resistent

Bedeutung der Abkürzungen: Pen = Penicillin, Amp = Ampicillin, A/C = Amoxicillin/Clavulansäure, Gen = Gentamicin (Hochresistenz), Tet = Tetrazyklin, Ery = Erythromycin, Tyl = Tylosin, Van = Vancomycin, Tei = Teicoplanin, Enr = Enrofloxacin, Q/D = Quinupristin/Dalfopristin, Chl = Chloramphenicol, Bac = Bacitracin, Fla = Flavomycin, Avi = Avilamycin

Stamm	antimikrobiell wirksame Substanz														
	Pen	Amp	A/C	Gen	Tet	Ery	Tyl	Van	Tei	Enr	Q/D	Chl	Bac	Fla	Avi
S2Kc										■	■			■	
S8HCa						■					■			■	
S11HCa										■	■				
S11Ka					■	■				■				■	■
S21Kb						■				■		■	■	■	■
S23Kva	■				■	■				■	■	■			
S24Kvb	■				■	■				■	■			■	■
S27Hc	■				■	■				■	■		■		
S27HCva	■				■	■				■	■		■		
S27Kc	■				■	■				■	■		■		■
S29Hc					■	■				■	■				
S29Kd	■				■	■				■	■				
S31HCa					■	■				■	■				
S33Ha						■				■	■				
S33HCa						■				■	■				
S36KCa	■				■	■				■	■	■			■
S36KCva	■				■	■				■	■	■			■
S47Kc	■				■	■				■	■				■
S55KCa					■	■				■	■		■		■
S56KCa					■	■				■	■				■
S57HCa						■				■	■				
S57KCa						■				■	■		■		
S58HCa						■				■	■				
S60KCa						■				■	■	■		■	■
S64Kc						■				■	■	■			
S65Hva						■				■	■	■			
S66Ha						■				■	■				
S66Kc						■				■	■		■		■
S66Kvb						■				■	■				■
S69Ha						■				■	■			■	
S75KCa						■				■	■		■		■
S79HCa	■					■				■	■				
S79Kc						■				■	■				■
S89Ka						■				■	■	■			■
S94Ka	■	■	■		■	■	■			■	■	■	■	■	■

Anhangstabelle 6: Resistenzmuster der *E. faecium* -Isolate aus Lebensmitteln

☐ = sensibel, ◐ = intermediär, ◼ = resistent

Bedeutung der Abkürzungen: Pen = Penicillin, Amp = Ampicillin, A/C = Amoxicillin/Clavulansäure, Gen = Gentamicin (Hochresistenz), Tet = Tetrazyklin, Ery = Erythromycin, Tyl = Tylosin, Van = Vancomycin, Tei = Teicoplanin, Enr = Enrofloxacin, Q/D = Quinupristin/Dalfopristin, Chl = Chloramphenicol, Bac = Bacitracin, Fla = Flavomycin, Avi = Avilamycin

Stamm	antimikrobiell wirksame Substanz														
	Pen	Amp	A/C	Gen	Tet	Ery	Tyl	Van	Tei	Enr	Q/D	Chl	Bac	Fla	Avi
L4d						◐				◼	◼	◐	◼	◼	◼
L15c						◼				◼	◼				◼
L18Aa						◼				◼	◼	◐			◼
L24Aa						◐				◼				◼	
L26a	◼				◼	◐				◐	◐	◐		◼	
L27Ab						◐				◼		◐		◼	
L27Ava						◐				◼				◼	
L28Avc						◐				◐	◐	◐		◼	
L32Aa						◐				◼				◼	
L32Ava						◐				◐				◼	
L34Ab					◼	◐				◐				◼	
L48Aa						◐				◐				◼	◼
L48Ava						◐				◐				◼	◼
L54Ab						◼				◼				◼	
L60Ava						◐				◼				◼	
L80b						◐					◼			◼	
L106Avb					◼	◐	◼			◐	◐		◼	◼	
L110Ab					◼	◐				◐	◼			◼	
L148Aa					◼	◐				◼			◼	◼	
L150Ac					◼	◐				◼				◼	
L151Aa						◼				◼		◼	◼	◼	◼
L152Aa					◼	◐				◼			◼	◼	
L154Aa						◼					◼			◼	
L155Aa						◼				◐	◐		◼	◼	
L156Aa						◼				◐	◐			◼	
L157Aa						◼				◐	◐		◼	◼	