

<i>Isolate</i>	<i>Antibiotic</i>	\emptyset (mm)	S/I/R	Min/Max	<i>Isolate</i>	<i>Antibiotic</i>	\emptyset (mm)	S/I/R	Min/Max	
<i>S. aureus</i>	CIP Ciprofloxacin	16.6	R	22 / 25.	<i>S. aureus</i>	AMC Amoxicilline/a c. clavulanique	22.3	I	16 / 23.	
	AMC Amoxicilline/ac. clavulanique	16.6	I	16 / 23.		FOX Céfoxitine	9.8	R	15 / 22.	
	FOX Céfoxitine	8.2	R	15 / 22.						
	P Pénicilline G	11.5	R	18 / 29.						
	E Erythromycine	28.2	S	17 / 22.						
	TE Tétracycline	31.3	S	17 / 19.						
	AM Ampicilline	31.9	S	16 / 21.						
	GEN Gentamicine	11.9	I	11 / 18.						
	CIP Ciprofloxacin	17.8	R	22 / 25.						
	AMC Amoxicilline/ac. clavulanique	22.3	I	16 / 23.						
FOX Céfoxitine	19.4	I	15 / 22.	<i>Isolate</i>	AMC Amoxicilline/a c. clavulanique	31.5	S	16 / 23.		
					FOX Céfoxitine	11.3	R	15 / 22.		

<i>Isolate</i> <i>S. aureus</i>	Antibiotic	Ø (mm)	S/I/R	Min/Max	<i>Isolate</i> <i>S. aureus</i>	Antibiotic	Ø (mm)	S/I/R	Min/Max
	P Pénicilline G	38.9	S	18 / 29.		P Pénicilline G	9	R	18 / 29.
	E Erythromycine	24.2	S	17 / 22.		E Erythromycine	22.3	S	17 / 22.
	TE Tétracycline	20.3	S	17 / 19.		TE Tétracycline	20.1	S	17 / 19.
	AM Ampicilline	15.6	R	16 / 21.		AM Ampicilline	20.1	I	16 / 21.
	GEN Gentamicine	0	R	11 / 18.					
	CIP Ciprofloxacine	18.2	R	22 / 25.					
	AMC Amoxicilline/a c. clavulanique	8.8	R	16 / 23.					
	FOX Céfoxitine	8	R	15 / 22.					
		Ø							
		(mm)	S/I/R	Min/Max					
	FOX Céfoxitine	9.4	R	15 / 22.					
<i>Isolate</i> <i>S. aureus</i>	Antibiotic	Ø (mm)	S/I/R	Min/Max	<i>Isolate</i> <i>S. aureus</i>	Antibiotic	Ø (mm)	S/I/R	Min/Max
	P Pénicilline G	39.7	S	18 / 29.		P Pénicilline G	9	R	18 / 29.
	E Erythromycine	20.5	I	17 / 22.		E Erythromycine	22.3	S	17 / 22.
	TE Tétracycline	20.9	S	17 / 19.		TE Tétracycline	20.1	S	17 / 19.

<i>Isolate</i> <i>S. aureus</i>	Antibiotic	Ø (mm)	S/I/R	Min/Max	<i>Isolate</i> <i>S. aureus</i>	Antibiotic	(mm	S/I/	Min/Ma x
	AM Ampicilline	38.9	S	16 / 21.		GEN Gentamicine	9.2	R	11 / 18.
	GEN Gentamicine	14.9	I	11 / 18.		CIP Ciprofloxacin	17.8	R	22 / 25.
	CIP Ciprofloxacin	26.6	S	22 / 25.		AMC Amoxicilline/a c. clavulanique	22.3	I	16 / 23.
	AMC Amoxicilline/ac. clavulanique	15.1	R	16 / 23.		FOX Céfoxitine	19.4	I	15 / 22.
	FOX Céfoxitine	9.8	R	15 / 22.		Ø)			
	P Penicillin G	10.2	R	18 / 29.		P Pénicilline G	21.9	I	18 / 29.
	E Erythromycine	8.2	R	17 / 22.		E Erythromycine	10.4	R	17 / 22.
	TE Tétracycline	22.3	S	17 / 19.		TE Tétracycline	21.3	S	17 / 19.
	AM Ampicilline	11.5	R	16 / 21.		AM Ampicilline	8.4	R	16 / 21.
	GEN Gentamicine	8	R	11 / 18.		GEN Gentamicine	19.7	S	11 / 18.
	CIP Ciprofloxacin	14.7	R	22 / 25.		CIP Ciprofloxacin	19.6	R	22 / 25.
						AMC Amoxicilline/a c. clavulanique	9	R	16 / 23.

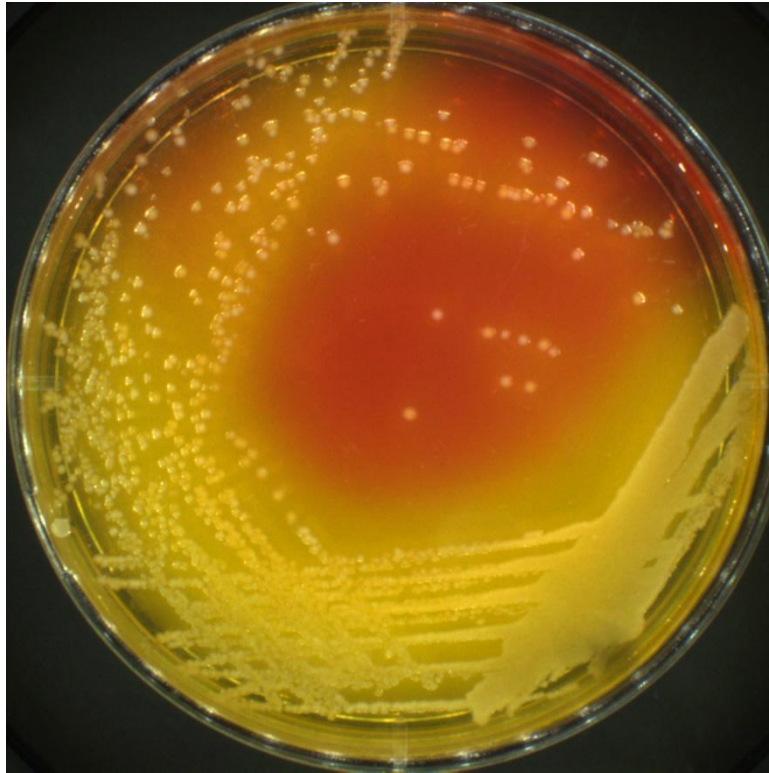
<i>Isolate</i>	<i>Antibiotic</i>	\emptyset (mm)	S/I/R	Min/Max	<i>Isolate</i> <i>S. aureus</i>	<i>Antibiotic</i>	\emptyset (mm)	S/I/R	Min/Max
<i>S. agnetis</i>	AMC Amoxicilline/ac. clavulanique	16	I	16 / 23.		FOX Céfoxitine	11.3	R	15 / 22.
	FOX Céfoxitine	8.2	R	15 / 22.			\emptyset		
	P Pénicilline G	11.7	R	18 / 29.)	R	x
	E Erythromycine	22.7	S	17 / 22.		P Pénicilline G E	11.3	R	18 / 29.
	TE Tétracycline	23.7	S	17 / 19.		Erythromycine TE	21.3	I	17 / 22.
	AM Ampicilline	24.6	S	16 / 21.		Tétracycline AM	19.4	S	
	GEN Gentamicine	11.1	I	11 / 18.		Ampicilline GEN	19.9	I	16 / 21.
	CIP Ciprofloxacine	28	S	22 / 25.		Gentamicine CIP	11.9	I	11 / 18.
	AMC Amoxicilline/ac. clavulanique	0	R	16 / 23.		Ciprofloxacine AMC	10	R	22 / 25.
	FOX Céfoxitine	8.2	R	15 / 22.		Amoxicilline/a c. clavulanique	31.5	S	16 / 23.
					FOX Céfoxitine	11.3	R	15 / 22.	

Appendix T4: Predicted antimicrobial resistance and virulence genes using whole-genome sequencing

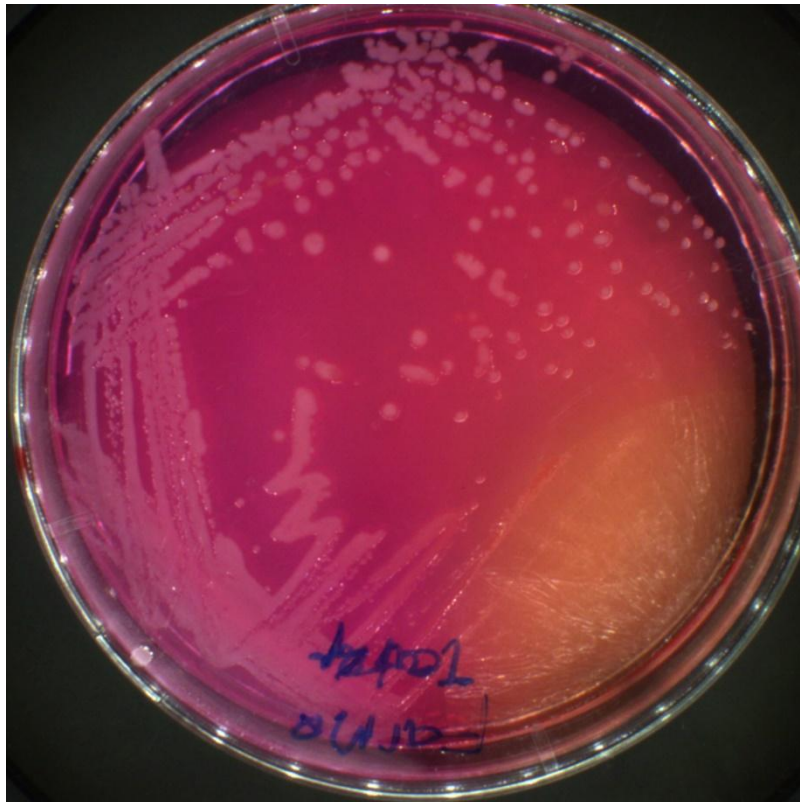
Gene symbol	Gene name	Factor
<i>tet(38)</i>	tetracycline efflux MFS transporter Tet(38)	AMR
<i>aur</i>	zinc metalloproteinase aureolysin	Virulence
<i>cadD</i>	cadmium resistance transporter CadD	AMR
<i>hld</i>	delta-hemolysin	Virulence
<i>hlgA</i>	bi-component gamma-hemolysin HlgAB subunit A	Virulence
<i>hlgB</i>	bi-component gamma-hemolysin HlgAB/HlgCB subunit B	Virulence
<i>hlgC</i>	bi-component gamma-hemolysin HlgCB subunit C	Virulence
<i>icaC</i>	polysaccharide intercellular adhesin biosynthesis/export protein IcaC	Virulence
<i>lmrS</i>	multidrug efflux MFS transporter LmrS	AMR
<i>lukD</i>	bi-component leukocidin LukED subunit D	Virulence
<i>lukE</i>	bi-component leukocidin LukED subunit E	Virulence
<i>mepA</i>	multidrug efflux MATE transporter MepA	AMR
<i>selX</i>	staphylococcal enterotoxin-like toxin X	Virulence
<i>splA</i>	serine protease SplA	Virulence
<i>splB</i>	serine protease SplB	Virulence
<i>splE</i>	serine protease SplE	Virulence
<i>sel26</i>	staphylococcal enterotoxin type 26	Virulence
<i>blaI_of_Z</i>	penicillinase repressor BlaI	AMR

<i>blaR1</i>	beta-lactam sensor/signal transducer <i>BlaR1</i>	AMR
<i>dfrG</i>	trimethoprim-resistant dihydrofolate reductase <i>DfrG</i>	AMR
<i>dfrG_1</i>	<i>dfrG</i>	AMR
<i>blaI</i>	penicillinase repressor <i>BlaI</i>	AMR
<i>blaZ</i>	penicillin-hydrolyzing class A beta-lactamase <i>BlaZ</i>	AMR
<i>ednB</i>	epidermal cell differentiation inhibitor <i>EdnB</i>	Virulence
<i>glpT</i>	<i>Staphylococcus aureus</i> fosfomycin resistant <i>GlpT</i>	AMR
<i>lukF-PV</i>	Panton-Valentine bi-component leukocidin subunit F	Virulence
<i>lukS-PV</i>	Panton-Valentine bi-component leukocidin subunit S	Virulence
<i>murA</i>	<i>Staphylococcus aureus</i> fosfomycin resistant <i>MurA</i>	Virulence
<i>parE</i>	<i>Staphylococcus aureus</i> quinolone resistant <i>ParE</i>	Virulence
<i>sak</i>	staphylokinase	Virulence
<i>scn</i>	complement inhibitor <i>SCIN-A</i>	Virulence
<i>blaZ</i>	<i>blaZ</i>	AMR
<i>dfrG</i>	<i>dfrG</i>	AMR
<i>fosB-Saur</i>	FosB1/FosB3 family fosfomycin resistance bacillithiol transferase	AMR
<i>fosB</i>	FosB1/FosB3 family fosfomycin resistance bacillithiol transferase	AMR
<i>sei</i>	staphylococcal enterotoxin type I	Virulence
<i>sem</i>	staphylococcal enterotoxin type M	Virulence
<i>sen</i>	staphylococcal enterotoxin type N	Virulence
<i>seu</i>	staphylococcal enterotoxin type U	Virulence

Appendix F1: Image showing *S. aureus* on mannitol salt agar



Appendix F2: Image showing other Staphylococci on mannitol salt agar.



Appendix F3: Mueller Hinton Agar plate showing diffusion test for isolates against antibiotic discs

