

**Table S2.** Antimicrobial resistance profiles among 49 *Staphylococcus aureus* strains isolated from swine mandibular lymph node tissue. MIC = minimum inhibition concentration.

Antimicrobial	MIC <sub>50</sub> (µg/mL)	MIC <sub>90</sub> (µg/mL)	MIC Range (µg/mL)	No. (%) Resistant	Breakpoint
<b>Aminoglycosides</b>					
Gentamicin	≤ 128	≤ 128	≤ 128	0 (0)	>500
Kanamycin	≤ 128	≤ 128	≤ 128	CDR*	≥64
Streptomycin	≤ 512	≤ 512	≤ 512 – 1024	2 (4.1)	≥1000
<b>Amphenicols</b>					
Chloramphenicol	8	16	4 – 16	0 (0)	≥32
<b>Cyclic Lipopeptides</b>					
Daptomycin	≤ 0.25	≤ 0.25	≤ 0.25 – 0.5	0 (0)	>1
<b>Fluoroquinolones</b>					
Ciprofloxacin	0.5	1	0.12 – >4	9 (18.4)	≥1
<b>Glycopeptides</b>					
Vancomycin	0.5	1	0.5 – 1	0 (0)	≥16
<b>Lincosamides</b>					
Lincomycin	>8	>8	≤ 1 – >8	CDR*	≥32
<b>Macrolides</b>					
Erythromycin	>8	>8	≤ 0.25 – >8	28 (57.1)	≥8
Tylosin Tartrate	2	>32	0.5 – >32	17 (34.7)	≥20
<b>Nitrofurans</b>					
Nitrofurantoin	16	16	16	0 (0)	≥128
<b>Oxazolidinones</b>					
Linezolid	2	2	1 – 4	0 (0)	≥8
<b>Penicillins</b>					
Penicillin	>16	>16	≤ 0.25 – >16	31 (63.3)	≥16
<b>Streptogramins</b>					
Quinupristin/ Dalfopristin	≤ 0.5	1	≤ 0.5 – 2	0 (0)	≥4
<b>Tetracyclines</b>					
Tetracycline	>32	>32	≤ 1 – >32	35 (71.4)	≥16
Tigecycline	0.25	0.25	0.06 – 0.5	0 (0)	>0.5
<b>Number of <i>S. aureus</i> strains with resistance against the number of antibiotics</b>					
No. of Antibiotics	1	2	3	4	5
No. of Strains (%)	15 (30.6)	9 (18.4)	16 (32.7)	4 (8.2)	5 (10.2)

\*CDR = Cannot Determine Resistance with the Sensititre™ plate CMV3AGPF.