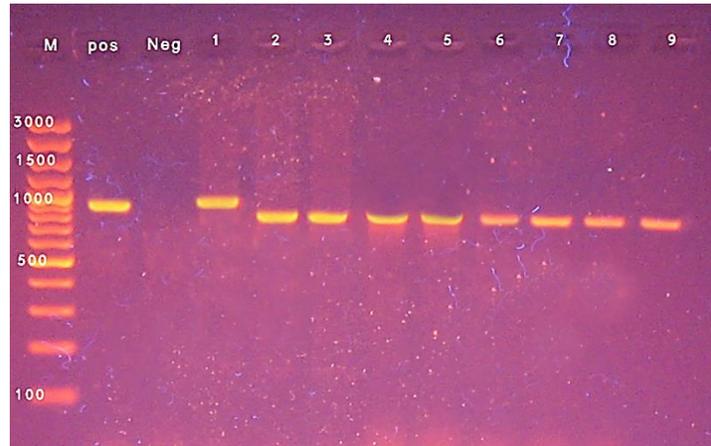


## Supplementary materials

**Supplementary Table S1.** Multi-drug resistant *S. aureus* strains from food and human samples.

Resistant isolates		Resistance profile	Antibiotics classes	No. of resistance antimicrobial classes
N <sup>o</sup>	%			
2	4.17	P, AX, VA, FOX, CE, CN, E, TE, CIP, NOR, SXT, C	$\beta$ -lactams, Aminoglycosides, Glycopeptides, Tetracyclines, Fluoroquinolones, Sulfonamides, Chloramphenicol	8
2	4.17	P, AX, FOX, CE, CN, E, TE, NOR, SXT, C	$\beta$ -lactams, Aminoglycosides, Macrolides, Tetracyclines, Fluoroquinolones, Sulfonamides, Chloramphenicol	7
4	8.33	P, AX, FOX, CE, CN, TE, CIP, NOR, SXT, C	$\beta$ -lactams, Aminoglycosides, Tetracyclines, Fluoroquinolones, Sulfonamides, Chloramphenicol	6
16	33.33	P, AX, FOX, CE, CN, E, TE, SXT	$\beta$ -lactams, Aminoglycosides, Macrolides, Tetracyclines, Sulfonamides	5
11	17.7	P, AX, VA, FOX, CE, CN, TE	$\beta$ -lactams, Glycopeptides, Aminoglycosides, Tetracyclines	4
13	27.08	P, AX, FOX, CE, CN, CIP	$\beta$ -lactams, Aminoglycosides, Fluoroquinolones	3

% estimated according to the number of tested isolates for antibiotic sensitivity test (n=70)



**Supplementary Figure S1.** Figure S1. Amplification of the *coa* gene of *Staphylococcus aureus* at 600–1000 bp: Lane M: 100 bp DNA ladder. Pos.: Positive control. Neg.: Negative control. Samples 1 and 2 from minced meat, 3 and 4 from beef luncheon, 5 and 6 from Karish cheese, and 7, 8, and 9 from human were recorded as positive samples for the *coa* gene.



**Supplementary Figure S2.** Amplification of the 583 bp fragment of the *mecA* gene of *Staphylococcus aureus*; Lane M: 100 bp DNA ladder. Pos.: Positive control. Neg.: Negative control; Lane: Samples 3 and 5 from minced meat; 7 and 8 from beef luncheon; 9 and 12 from Karish cheese; 13, 14, 15, 18, and 19 from human samples were recorded as positive samples for the *mecA* gene.