

Title: Antibacterial efficacy of silver nanoparticles (AgNPs) against metallo- β -lactamase and extended spectrum β -lactamase producing clinically procured isolates of *Pseudomonas aeruginosa*

Running Title: Antibacterial efficacy of AgNPs metallo- β -lactamase extended spectrum β -lactamase *Pseudomonas aeruginosa*

Authors Order

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Supplementary Table 1 (ST_1) PCR conditions of individual resistance genes

Each step of PCR	PCR condition (°C, minutes, seconds)					
	<i>bla</i> _{IMP-1}	<i>bla</i> _{VIM}	<i>bla</i> _{TEM}	<i>bla</i> _{SHV}	<i>bla</i> _{OXA}	<i>bla</i> _{AmpC}
Predenaturing	95°C	95°C	95°C	95°C	95°C	95°C
	10 min	10 min	10 min	10 min	10 min	10 min
35 cycles of						
Denaturing	95°C	95°C	95°C	95°C	95°C	95°C
	20 sec	20 sec	20 sec	20 sec	20 sec	20 sec
Annealing	53°C	57°C	55°C	55°C	55°C	65°C
	30 sec	30 sec	30 sec	30 sec	30 sec	30 sec
Extension	72°C	72°C	72°C	72°C	72°C	72°C
	30 sec	30 sec	30 sec	30 sec	30 sec	30 sec
Plate read						
Final Extension	72°C	72°C	72°C	72°C	72°C	72°C
	5 min	5 min	5 min	5 min	5 min	5 min
Melting curve 65°C to 95°C, increment 5°C for 0:05 + Plate read						