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LIST OF ABBREVIATIONS

<i>bla</i> gene	beta-lactamase gene
bp	Base pair
BLAST	Basic local alignment search tools
CFU/ml	Colony-forming unit per milliliter
CNS	Central nervous system
DNA	Deoxyribonucleic acid
dNTP	Deoxynucleotide triphosphate
EDTA	Ethylene diamine tetraacetic acid disodium salt
et al.	Et. Alii (Latin), and other
g	Gram
l	Liter
m	Milli (10^{-3})
M	Molar
mg	Milligram (S)
MgCl ₂	Magnesium chloride
MIC	Minimal inhibitory concentration
min	Minute (S)
ml	Milliliter (S)
mm	Millimeter (S)
mM	Millimolar

NaCl	Sodium chloride
ng	Nanogram
OD	Optical Density
PCR	Perymerase Chain Reaction
rpm	Revolution per minute
s	Second
Taq	<i>Thermus aquaticus</i>
TBE	Tris- Borate EDTA
Tris	Tris(hydroxymethyl)aminomethane
U	Unit (S)
UV	Ultraviolet
V	Volt

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LIST OF SYMBOLS

α	Alpha
β	Beta
/	Per
%	Percent
$^{\circ}\text{C}$	Degree Celcius
μ	Micro (10^{-6})
μg	Micrograme
μl	Microliter
$>$	greater than
$<$	less than
\geq	greater than or equal to
\leq	less than or equal to

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