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LIST OF ABBREVIATIONS

AD	Arginine deiminase
ATP	Adenosine triphosphate
BBB	Blood brain barrier
BHI	Brain heart infusion
BLAST	Basic Local Alignment Search Tool
bp	Base pair
CFU/ml	Colony-forming units per milliliter
CNS	Central nervous system
CPS	Capsular polysaccharide
CSF	Cerebrospinal fluid
2-DE	Two-dimensional gel electrophoresis
DNA	Deoxyribonucleic acid
DNase	Deoxyribonuclease
dNTPs	Deoxynucleoside triphosphates
DTT	Dithiothreitol
ECM	Extracellular matrix
EDTA	Ethylenediaminetetraacetic acid
EF	Extracellular protein factor
e.g.	For example
ESI	Electrospray Ionisation
<i>et al.</i>	And others
FA	TriFluoroacetic acid
Fbps	Fibronectin binding proteins
g	Gram(s)
GAPDH	Glyceraldehyde-3-phosphate dehydrogenase
h	Hour(s)
HCl	Hydrochloric acid
IAA	Iodoacetamide
IgA	Immunoglobulin A

KCl	Potassium chloride
L	Liter(s)
LC	Liquid chromatography
M	Molar
MALDI	Matrix-assisted laser desorption ionization
mg	Miligram
min	minute
ml	Milliliter
MLST	Multilocus sequence typing
mM	Milimolar
MRP	Muramidase released protein
MS	Mass spectrometry
MT-PCR	Multiplex PCR
MW	Molecular weight
m/z	Mass to charge ratios
NaCl	Sodium chloride
ng	Nanogram
nm	Nanometer
nM	Nanomolar
No.	Number
OD	Optical density
PAGE	Polyacrylamide gel electrophoresis
PBS	Phosphate buffered saline
PCR	Polymerase chain reaction
6-PGD	6-Phosphogluconate-dehydrogenase
rpm	Revolutions per minute
SDS	Sodium Dodecyl Sulfate
sec	Second
SIPs	Surface interacting proteins
SLY	Sulysin
SPF	Specific pathogen free
STSS	Streptococcal toxic shock syndrome

<i>Taq</i>	<i>Thermus aquaticus</i>
THB	Todd Hewitt broth
TOF	Time of flight
U	Unit(s)
V	Voltage
w/v	Weight per volume

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LIST OF SYMBOLS

α	Alpha
β	Beta
$^{\circ}\text{C}$	Degree Celsius
μ	Micro
μg	Microgram
μl	Microliter
μM	Micromolar
%	Percent

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