

## LIST OF ABBREVIATIONS

r	resistant
Ap	Ampicillin
Gm	Gentamicin
Tc	Tetracycline
SF	Stabilizing Fragment
sacB	Levansucrase
LB	Luria Bertani
MMP	Minimal Medium P
PPGAS	Protease Peptone Glucose Ammonium Salts
Tris	<i>tris</i> (hydroxymethyl) aminomethane
EDTA	Ethylenediamine tetra acetic acid
TE	Tris EDTA
TBE	Tris-borate-EDTA
EtBr	Ethidium Bromide
SDS	Sodium Dodecyl Sulfate
PAGE	Polyacrylamide Gel Electrophoresis
APS	Ammonium persulfate
TEMED	<i>N,N,N',N'</i> -Tetramethylethylenediamine
Chromozyme PL	tosyl-gly-pro-lys-4-nitranilide acetate
DTT	1,4-Dithiothreitol
DIG	Digoxygenin
X-Gal	5-Bromo-4-chloro-3-indolyl $\beta$ -D-galactopyranoside
IPTG	Isopropyl $\beta$ -D-1-Thiogalactopyranoside
ONPG	ortho-Nitrophenyl- $\beta$ -galactoside
DMSO	Dimethyl sulfoxide
dNTP	deoxyribonucleotide triphosphate
HCl	Hydrochloric acid
nt	nucleotide
RNA	ribonucleic acid
DNA	deoxyribonucleic acid
sRNA	small RNA
ncRNA	non-coding RNA
miRNA	micro RNA
mRNA	messenger RNA
rRNA	ribosomal RNA
UTR	untranslated region
bp	base pair
SD	Shine Dalgarno
uORF	upstream open reading frame
RBS	ribosome binding site
ori	origin of replication
bla	beta-lactamase
MCS	multiple cloning site
rep	replication initiation protein
pBSKS	pBluescript KS(+)

T6SS	type 6 secretion system
OD	optical density
UV	ultraviolet
Vis	visible
rpm	revolutions per minute
oligos	oligonucleotides
T <sub>m</sub>	melting temperature
PCR	Polymerase Chain Reaction
RT-PCR	Reverse Transcriptase PCR
cDNA	complementary DNA
qRT-PCR	Quantitative real time PCR
C <sub>t</sub>	Cycle threshold
sec	second
min	minute
h	hour
ng	nanogram
μg	microgram
mg	milligram
g	gram
μl	microlitre
ml	millilitre
L	litre
nM	nanomolar
μM	micromolar
mM	millimolar
M	Molar
V	Volt
kV	kilo Volt
cm	centimetre
mA	milliampere
σ	sigma
Ω	ohms
μF	microfarads
°C	degree Celsius
%	percentage
WT	wild type
kDa	kilo Dalton
ANOVA	Analysis Of Variance