

Some Important Abbreviations:

ACP	-	Acyl Carrier Protein
Am	-	Apramycin
Ap	-	Ampicillin
ATCC	-	American Type Culture Collection
ATP	-	Adenosine Triphosphate
B	-	<i>Bam</i> HI
Bg	-	<i>Bgl</i> II
BLAST	-	Basic Local Alignment Search Tool
CFU	-	Colony Forming Units
CLF	-	Chain Length Factor
DH	-	TDP-glucose-4,6-dehydratase
DMF	-	Dimethyl Formamide
DMSO	-	Dimethyl Sulphoxide
DNA	-	Deoxyribonucleic Acid
DNase	-	Deoxyribonuclease
E	-	<i>Eco</i> RI
EDTA	-	Ethylene Diamine Tetraacetic acid
EtBr	-	Ethidium Bromide
FAS	-	Fatty Acid Synthase
Gm	-	Gentamycin
HPLC	-	High Performance Liquid Chromatography
IPTG	-	Isopropyl β - D-Thiogalactopyranoside
IR	-	Infra Red
ISP	-	International Streptomyces Project
Kan	-	Kanamycin
kb	-	Kilobases
kDa	-	Kilo Daltons
KR	-	Ketoreductase
KS	-	Ketosynthase
MCS	-	Multiple Cloning Site

MDR	-	MultiDrug Resistance
MIC	-	Minimal Inhibitory Concentration
MRSA	-	Methicillin Resistant <i>Staphylococcus aureus</i>
MS	-	Mass Spectroscopy
NDP	-	Nucleotidyl Di-phosphate
NMR	-	Nuclear Magnetic Resonance
NRPS	-	Non-Ribosomal Peptide Synthase
OD	-	Optical Density
ORF	-	Open Reading Frame
P	-	<i>PstI</i>
PKS	-	Polyketide Synthase
ppGpp	-	Guanosine-Tetraphosphate
PVP	-	Polyvinyl Pyridine
RE	-	Restriction Enzyme
Rf	-	Retention front
RNA	-	Ribonucleic Acid
RNase	-	Ribonuclease
Rpm	-	Revolutions per minute
SARP	-	<i>Streptomyces</i> Antibiotic Regulatory Protein
SDS	-	Sodium Dodecyl Sulphate
SSC Buffer	-	Sodium Chloride Sodium Citrate Buffer
TDP	-	Thymidyl Di-phosphate
Tet	-	Tetracycline
TLC	-	Thin Layer Chromatography
UV	-	Ultraviolet
VRSE	-	Vancomycin Resistant <i>Staphylococcus epidermidis</i>
WT	-	Wild Type
X-gal	-	5- Bromo -4-chloro-3- β - D-galactopyranoside