

## List of Abbreviations

A	Adenine
AFLP	Amplified fragment length polymorphism
ANOVA	Analysis of variance
bp	base pair
BP	Bootstrap
C- -COOH	terminal of protein
°C	Degree centigrade
Cp SSR	Chloroplast microsatellite
CTAB	Hexadecyl trimethyl ammonium bromide
Da	Dalton
DH	Double Haploid
DNA	Deoxy Ribonucleic Acid
dNTP	Deoxy Ribonucleotide Triphosphate
EDTA	Ethylene Diamine Tetra Acetic Acid
EST	Expressed sequence tag
g/gm	Gram
GRIN	Germplasm Resource Information Network
h	hour
HPLC	High performance liquid chromatography
IAA	Isoamyl alcohol
ISSR	Inter Simple Sequence Repeat
KD	Kilo Dalton
LC-MS	Liquid chromatography Mass Spectrometry
MRSA	Methicillin resistant <i>Staphylococcus aureus</i>
MAS	Marker assisted selection
MTCC	Microbial Type Culture Collection
MCM	MACS collections of Microorganisms
MDR	Multi-drug resistant
mg	Milligram
ml	Micro liter
Mm	Micro meter
mm	Millimeter
mM	Millimolar
min	Minute
NaCl	Sodium Chloride
NaOH	Sodium Hydroxide
NBPGR	National Bureau of Plant Genetic Resources, India
NFCCI	National Fungal Culture Collection of India
NMR	Nuclear Magnetic Resonance spectrometry
ng	nano gram
PCR	Polymerase Chain Reaction
pH	Hydrogen potential
PAGE	Polyacrylamide Gel Electrophoresis

pmoles	Picomoles
PEG	Polyethylene glycol
PP	Posterior Probabilities Value
QTL	Quantitative Trait Loci
RAPD	Random Amplified Polymorphic DNA
RFLP	Restriction Fragment Length Polymorphism
rpm	Revolutions per minute
RNA	Ribonucleic Acid
SCAR	Sequence Characterized Amplified Region
SDS	Sodium Dodecyl Sulphate
Sec	Seconds
ssp	sub-species
SSR	Simple Sequence Repeat
STMS	Sequence Tagged Microsatellite Site
TAE	Tris-Acetate EDTA
TE	Tris-EDTA
TEMED	Tetramethylethylenediamine
Tris-HCl	Tris-Hydrochlorate
µg	Micro gram
µl	Micro liter
µm	Micro meter
VRSA	Vancomycin-resistant <i>Staphylococcus aureus</i>
WHO	World Health Organization