

## Abbreviations

<b>accn</b>	Accession
<b>AFLP</b>	Amplified Fragment Length Polymorphism
<b>ATP</b>	Adenosine triphosphate
<b>BAC</b>	Bacterial artificial chromosome
<b>bp</b>	base pair(s)
<b>cDNA</b>	Complementary DNA
<b>cM</b>	centiMorgan
<b>cv</b>	cultivar
<b>CTAB</b>	Cetyltrimethylammonium bromide
<b>DNA</b>	deoxyribonucleic acid
<b>dNTPs</b>	Deoxy nucleotide triphosphates
<b>EDTA</b>	Ethylene Diamine Tetra Acetic acid
<b>EST</b>	Expressed Sequence Tag
<b>ESTPs</b>	Expressed Sequence Tag Polymorphisms
<b>EtBr</b>	Ethidium Bromide
<b>FMs</b>	Functional Markers
<b>g</b>	Gram
<b>ha</b>	Hectare
<b>hrs</b>	Hours
<b>IARI</b>	Indian Agriculture Research Institute
<b>ICRISAT</b>	International Crop Research Institute for Semi-arid Tropics
<b>IPTG</b>	Isopropyl -D-thiogalactopyranoside
<b>ISSR</b>	Inter Simple Sequence Repeat
<b>ITPs</b>	Intron-targeted primers
<b>Kb</b>	kilobase
<b>LB</b>	Luria broth
<b>M</b>	molar
<b>min</b>	minutes
<b>ml</b>	millilitre
<b>mM</b>	millimolar
<b>MAS</b>	Marker-assisted selection
<b>MFR</b>	Microsatellite-flanking region
<b>mg</b>	Milligram
<b>NBPGR</b>	National Bureau of Plant Genetic Resources
<b>NCBI</b>	National Centre for Biological Information
<b>ng</b>	nanogram
<b>nmoles</b>	Nanomoles
<b>OD</b>	Optical Density
<b>PAGE</b>	Polyacrylamide gel electrophoresis
<b>PEG</b>	Poly ethylene glycol
<b>PCR</b>	Polymerase chain reaction
<b>PIP</b>	Potential intron Polymorphisms
<b>QTL</b>	Quantitative Trait Loci
<b>RAPD</b>	Random Amplified Polymorphic DNA
<b>RGA</b>	Resistance Gene Analogue
<b>RIL</b>	Recombinant Inbred Line

<b>RNAse A</b>	Ribonuclease A
<b>SAMPL</b>	Selective Amplification of Microsatellite Polymorphic Loci
<b>SSC</b>	Sodium chloride-Sodium citrate Buffer
<b>SSR</b>	Simple Sequence Repeats
<b>STMS</b>	Sequence Tagged Microsatellite Sites
<b>rpm</b>	Revolutions per minute
<b>TBE</b>	Tris Borate EDTA buffer
<b>TE</b>	Tris- EDTA
<b>TEMED</b>	N,N,N',N'-Tetramethylethylenediamine
<b>Tris</b>	Tris hydroxymethyl amino methane
<b>U</b>	Units
<b>X-gal</b>	5-Bromo-4-chloro-3-indolyl-D-galactopyranoside
<b>v/v</b>	Volume/volume
<b>w/v</b>	Weight/volume
<b>μCi</b>	Microcurie
<b>μg</b>	Microgram
<b>μl</b>	Microliter
<b>μM</b>	Micromolar