

LIST OF ABBREVIATIONS

Abbreviation	Full form
BLAST	Basic local alignment search tool
bp	Base pairs
CMC	Carboxymethyl cellulose
CTAB	Cetyltrimethylammonium bromide
DGGE	Density gradient gel electrophoresis
DNA	Deoxy ribonucleic acid
EDTA	Ethylene diamine tetra acetate
EtBr	Ethidium bromide
g	Gram
g L ⁻¹	Grams/liter
H	Hours
IMAC	Immobilized-metal affinity chromatography
IPTG	Isopropyl- β -D-thiogalactopyranoside
Kb	Kilo base pair
kDa	Kilo dalton
LB	Luria Bertani broth
LBA	Luria Bertani agar
MTCC	Microbial type culture collection
M	Molar
μ g	Microgram
μ g/ml	Microgram/milliliter
mgDNA	Metagenomic DNA
MgSO ₄	Magnesium sulfate
mM	Millimolar
mg/ml	Milligram/milliliter
min	Minutes
ml	Milliliter
μ l	Microliter

NaCl	Sodium chloride
NaOH	Sodium hydroxide
N	Normality
O.D	Optical density
PAGE	Polyacrylamide gel electrophoresis
PCR	Polymerase chain reaction
PEG	Polyethylene glycol
RNase A	Ribonuclease A
rpm	Revolution per minute
S.D	Standard deviation
SDS	Sodium dodecyl sulfate
TAE	Tris-acetate-EDTA
Tris	2-amino-2-hydroxymethylpropane-1,3-diol
U	Units
U mg ⁻¹	Units /milligram
U ml ⁻¹	Units/ milliliter
v/v	Volume/volume
w/v	Weight/volume
°C	Degree Celsius
X-gal	5-bromo-4-chloro-3-indolyl-β-D-galactopyranoside
