

LIST OF ABBREVIATIONS

ATCC	American type culture collection
ATP	Adenosine triphosphate
BLAST	Basic local alignment search tool
bp	Base pair
C source	Carbon source
cAMP	Cyclic adenosine monophosphate
CCR	Carbon catabolite repression
cfu	Colony forming unit
cDNA	Complimentary deoxyribonucleic acid
CRC	Catabolite repression control
cre	Causes recombination
DCP	Dicalcium phosphate
DCW	Dry cell weight
D/DW	Double distilled water
DMSO	Dimethyl sulfoxide
DNA	Deoxyribonucleic acid
DPIP	2,6-dichlorophenolindophenol
ED pathway	Entner-Doudoroff pathway
EMP pathway	Embden–Meyerhof–Parnas pathway
ETC	Electron transport chain
G-6-P	Glucose-6-phosphate
GAD	Gluconate dehydrogenase
GDH	Glucose dehydrogenase
h/min	Hours/minutes
HPLC	High performance liquid chromatography
IPTG	Isopropyl β -D thio galactopyranoside
kb	Kilobase
LB	Luria broth
lox	Locus of crossing over

$\mu\text{M}/\text{mM}/\text{M}$	Micromolar/Millimolar/Molar
MOI	Multiplicity of infection
mps	Mineral phosphate solubilization
N source	Nitrogen source
nm	Nanometer
OD	Optical Density
ori	Origin of replication
P/Pi	Phosphate, Phosphorus / inorganic phosphate
PCR	Polymerase Chain Reaction
PEP	Phosphoenolpyruvate
pfu	Plaque forming unit
PGPR	Plant Growth Promoting Rhizobacteria
PPC	Phosphoenolpyruvate carboxylase
PPP	Pentose phosphate pathway
PQQ	Pyrolloquinoline quinone
PSB	Phosphate solubilizing bacteria
PSM	Phosphate solubilizing microorganisms
PTS	Phosphotransferase system
rDNA	Ridosomal Deoxyribonucleic acid
RE	Restriction Endonuclease
rRNA	Ridosomal ribonucleic acid
RP	Rock Phosphate
SM	Suspension medium
TCA	Tricarboxylic acid
TCP	Tricalcium phosphate
Tris	Tris (hydroxymethyl) aminomethane buffer
WT	Wild type
L/ ml/ μl	Litres/ milliliters/ microlitres

Note: The full forms of several rarely used abbreviations have been described within the text.