

ABBREVIATION

ADH	Alcohol Dehydrogenase
AMF	Arbuscular mycorrhizal fungi
Ap	Ampicillin
ATP	Adenosine triphosphate
BCIP	5-bromo-4-chloro-3-indolyl phosphate
BNF	Biological Nitrogen Fixation
bp	Base pair
BSA	Bovine Serum Albumin
C source	Carbon source
cAMP	Cyclic adenosine monophosphate
CaP	Ca-Phytate
Cm	Chloramphenicol
CS	Citrate synthase
DCP	Dicalcium phosphate
DCW	Dry cell weight
DMSO	Dimethyl sulfoxide
DNA	Deoxyribonucleic acid
DPIP	2,6-dichlorophenolindophenol
DTT	1, 4-Dithiothreitol
ED pathway	Entner-Doudoroff pathway
EDTA	Ethylene diamine tetra acetic acid
EMP pathway	Embden–Meyerhof–Parnas pathway
ETC	Electron transport chain
GA	Gluconic acid
gdh/GDH	Glucose dehydrogenase
GFP	Green fluorescent protein
Gm	Gentamycin
h/min/s	Hours/minutes/ second
ICDH	Isocitrate dehydrogenase

IP6	myo-inositol 1,2,3,4,5,6 hexakisphosphate
IPTG	Isopropyl β -D thio galactopyranoside
Kb	Kilobase (s)
kDa	Kilodalton
Km	Kanamycin
L/ ml/ μ l	Litres/ milliliters/ microlitres
LB	Luria broth
Mps/MPS	Mineral phosphate solubilization
NAD(H)	Nicotinamide adenine dinucleotide (reduced)
NADP	Nicotinamide adenine dinucleotide phosphate
NADP(H)	Nicotinamide adenine dinucleotide phosphate (reduced)
NaP	Na-Phytate
NBT	nitroblue tetrazolium
nm	Nanometer
NoP	No-Phytate
OD	Optical Density
ori	Origin of replication
P/Pi	Phosphate, Phosphorus / inorganic phosphate
PAGE	Polyacrylamide Gel Electrophoresis
PBS	Phosphate Buffer Saline
PCR	Polymerase Chain Reaction
PEP	Phosphoenolpyruvate
PFK	Phosphofructokinase
PGPR	Plant Growth Promoting Rhizobacteria
PMS	Phenazine metho sulphate
PPP	Pentose phosphate pathway
PQQ	Pyrolloquinoline quinone
PSB	Phosphate solubilizing bacteria
PSMs	Phosphate solubilizing microorganisms
PTS	Phosphotransferase system
RNA	Ribo nucleic acid

RP	Rock Phosphate
rpm	Revolutions per minute
μM/mM/M	Micromolar/Millimolar/Molar
SDS	Sodium Dodecyl Sulphate
Sp.	species
Tc	Tetracycline
TCA	Tricarboxylic acid
TCP	Tricalcium phosphate
Tmp	Trimethoprim
Tris	Tris (hydroxymethyl) aminomethane buffer
VAM	Vascular Arbuscular Mycorrhiza
WT	Wild type
X-Gal	5-Bromo-4-chloro-3-indolyl-β-D galactopyranoside
nm	Nanometer
ng	Nanogram
kb	kilobase (s)
bp	base pair (s)
kDa	Kilodalton

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