

Abbreviations

AMS	Alpha-mannosidase
APS	Ammonium per sulphate
BCIP	Nitroblue tetrazolium
bp	Base pair
BSA	Bovine serum albumin
CaAMS	<i>Capsicum annum</i> Alpha-mannosidase
cDNA	Complementary DNA
CTAB	Cetyltrimethylammonium bromide
DEPC	Diethyl pyrocarbonate
DNA	Deoxyribonucleic acid
dNTPs	Deoxy nucleotide triphosphates
DTT	Dithiothreitol
EDTA	Ethylenediaminetetra acetic acid
g	Gram
h	Hours
HEPES	(N-[2-Hydroxyethyl]piperazine-N[2-ethanesulfonic acid])
IAA	Indole-3-acetic acid
ihp	Intron spliced hairpin
IPTG	Isopropyl -D-thiogalactopyranoside
Kb	Kilobases
kD	Kilodalton
LB	Luria broth
MES	2-(N-Morpholino)-ethanesulfonic acid
min	Minutes
mM	Millimolar
mRNA	Messenger RNA
MS	Murashige and Skoog
NBT	5-Bromo-4Chloro-3-Indoyl phosphate
nt	Nucleotide
OD	Optical density
ORF	Open reading frame
PAGE	Polyacrylamide gel electrophoresis
PBS	Phosphate buffered saline
PCR	Polymerase chain reaction
PEG	Polyethylene glycol
PMSF	Phenylmethylsulfonyl fluoride
rpm	Rotation per minute
SDS	Sodium dodecyl sulphate
SE	Standard error
SIAMS	<i>Solanum lycopersicum</i> Alpha-mannosidase
TAE	Tris-acetate-EDTA buffer
TBE	Tris-borate-EDTA buffer
TBS	Tris buffered saline
TE	Tris- EDTA
TEMED	N,N,N',N'-Tetramethylethylenediamine
V	Volts
χ-gal	5-Bromo-4-chloro-3-indoyl-D-galactopyranoside