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LIST OF ABBREVIATIONS

Amp	= ampicillin
BSA	= bovine serum albumin
BsCsnA	= chitosanase from <i>Bacillus subtilis</i> 168
BsCsnA-6xHis	= 6xhistidine-tagged <i>Bacillus subtilis</i> chitosanase
BsCsnA-10xHis	= 10xhistidine-tagged <i>Bacillus subtilis</i> chitosanase
CsnA	= chitosanase
COS/CHOS	= chito-oligosaccharide
DDA	= degree of deacetylation
DNA	= deoxyribonucleic acid
DNS	= 3,5-dinitrosalicylic acid
DP	= degree of polymerization
EDTA	= ethylenediaminetetraacetic acid
GlcN	= D-glucosamine
IMAC	= Immobilized Metal-Ion Affinity Chromatography
IL-1 β	= interleukin-1 beta
IPTG	= isopropyl-b-D-thiogalactopyranoside
MBP	= maltose-binding protein
OD	= optical density
PCR	= polymerase chain reaction

LIST OF ABBREVIATIONS (Continued)

pH	= log of the hydrogen ion concentration
SDS-PAGE	= sodium dodecyl sulfate–polyacrylamide gel electrophoresis
TB	= Terrific Broth
TLC	= thin layer chromatography