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**LIST OF ABBREVIATIONS**

ATP	=	Adenosine Triphosphate
bp	=	Base pair
BT	=	Jao Hom Nin
cDNA	=	Complementary Deoxyribonucleic acid
cM	=	Centi Morgan
DNA	=	Deoxyribonucleic Acid
g	=	gram
HIP	=	High Inorganic Phosphate
HPTLC	=	High Performance Thin-Layer Chromatography
InsP <sub>1</sub>	=	inositol monophosphate
InsP <sub>3</sub>	=	inositol triphosphate
InsP <sub>4</sub>	=	inositol tetra phosphate
InsP <sub>5</sub>	=	inositol pentaphosphate
InsP <sub>6</sub>	=	myo-inositol-(1,2,3,4,5,6)-hexakisphosphate
IPK	=	inositol phosphate kinase
KBNT	=	Kaybonnet rice
LIP	=	Low Inorganic Phosphate
lpa	=	low phytic acid
MIP	=	myo-inositol phosphate synthase
min	=	Minute
M	=	Mutant generation
mRNA	=	Messenger Ribonucleic Acid
ng	=	nanogram

**LIST OF ABBREVIATIONS (Continued)**

mM	=	millimolar
mg	=	milligram
nm	=	nanometer
Pi	=	Phosphate
P	=	Phosphorous
PCR	=	Polymerase Chain Reaction
Ptd InsP	=	Phosphatidyl inositol phosphate
pmol	=	picomole
ppm	=	part per million
rpm	=	Rotations per minute
RT-PCR	=	Reverse-transcribed Polymerase Chain Reaction
SDS-PAGE	=	sodium dodecyl sulfate polyacrylamide gel electrophoresis
TLC	=	Thin Layer Chromatography
w/v	=	Weight by Volume
μg	=	Microgram
μl	=	Microliter
°C	=	Degree Celsius