TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF FIGURES (continued)

LIST OF ABBREVIATIONS

bp	=	Base pair
CDP-*Star*	=	Disodium-4-chloro-3-(methoxyspiro {1,2-dioxetane-3,2'-(5'-chloro) tricycle[3.3.1.1.^{3,7}] decan}-4-yl)-1-phenyl phosphate
CTAB	=	Cethyl Trimethyl Ammonium Bromide
DIG-11-dUTP	=	Digoxigenin-11-uridine-5'-triphosphate
DNA	=	Deoxyrionucleic acid
dNTP	=	Deoxyrionucleotide triphosphate
EDTA	=	Ethylene diamine tetraacetic acid
g	=	Gram
h	=	Hour
kb	=	Kilobase
kDa	=	Kilodalton
µg	=	Microgram
µl	=	Microlitre
LB	=	Luria bertani broth
M	=	Molar
mM	=	Millimolar
mg	=	Milligram
ml	=	Millilitre
ng	=	Nanogram
nptII	=	Neomycin phosphotransferase II gene
OD	=	Optical density
ORF	=	Open reading frame
PBS	=	Phosphate buffer saline
PCR	=	Polymerase chain reaction
PRSV	=	*Papaya ringspot virus*
RNA	=	Ribonucleic acid
RT-PCR	=	Reverse transcription-Polymerase chain reaction
rpm	=	Round per minute

rRNA	=	Ribosomal RNA
SDS	=	Sodium dodecyl sulfate
SDS-PAGE	=	Sodium dodecyl sulfate-polyacrylamide gel electrophoresis
SSC	=	Saline-sodium-citrate
TAE	=	Tris acetate EDTA
TEMED	=	N, N, N', N'-tetra methylethylene diamine
UV	=	Ultraviolet
V	=	Volts