

# **MOLECULAR STUDIES ON BANANA BUNCHY TOP BABUVIRUS**

By

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### Abbreviation

bp	Base pair(s)
BBTD	Banana bunchy top disease
BBTV	Banana bunchy top virus
BME	$\beta$ -Mercapto-ethanol
BSA	bovine serum albumin
CBB	commassie brilliant blue
cDNA	complementary DNA
CR-M	major common region
css	circular single stranded
cv	Cultivar
Da	Dalton
DAS-ELISA	Double anti-body sandwich enzyme linked immunosorbent assay
DBIA	Dot blot immunoassay technique
dH <sub>2</sub> O	distilled water
DNA	Deoxyribonucleic acid
EDTA	Ethylenediaminetetra-acetic acid
<i>et al.</i>	et alii
fmol	femto mole
gm	gram
IAA	Indole acetic acid
Ha	Hectare
hrs	hours
Kbp	Kilo base pair(s)
KDa	Kilo Dalton
L.B	Luria-Bertani medium
M	molar

mg	Milligram
min.	Minute
ml.	Mille
M.W	Molecular weight
NBT	nitroblue tetrazolium
nm	Nano meter
NSP	Nuclear shuttle protein
nt	Nucleotide(s)
O.D.	optical density
PCI	phenol: chloroform: isoamyl alcohol
PCR	polymerase chain reaction
PDAB	$\beta$ -dimethyl amino benzaldehyde
rpm	revolution per minute
RNA	Ribonucleic acid
SDS	sodium dodecyl sulphate
SDS-PAGE	Sodium dodecyl sulphate poly acrylamid gel electrophoresis
S.O.C	Catabolite repression medium
sp.	Species
Temp.	Temperature
UV.	ultra violet
2xYT	Yeast Extract Tryptone
$\mu$	Micro
$^{\circ}$ C	Celsius degree
%	Percentage
®	Registered
TM	Trade mark