TABLE OF CONTENTS

LIST OF TABLES

Table Page

LIST OF ILLUSTRATIONS

ABBREVIATIONS

A	Adenine
C	Cytosine
°C	Degree celsius
cDNA	Complementary DNA
CDP-star	Disodium 2-chloro-5-(4-methoxyspiro{1,2-dioxetane-3,2'-(5'-chloro)tricyclo[3.3.1.1^{3,7}]decan}-4-yl)-1-phenyl phosphate
DF	Dengue fever
DHF	Dengue hemorrhagic fever
DIG-ddUTP	Digoxygenin dideoxyuridine-triphosphate
dNTP	Deoxyribonucleoside triphosphate
DEPC	Diethylpyrocarbonate
DSS	Dengue shock syndrome
DTT	Dithiothreitol
E	Envelope
EDTA	Ethylenediaminetetraacetic acid
G	Guanine
h	Hour
kb	Kilobase
kDa	Kilodalton
M	Membrane
$MgCl_2$	Magnesium chloride
min	Minute
µl	Microliter

mM	Millimolar
NaCl	Sodium chloride
NaOH	Sodium hydroxide
nm	Nanometer
NS	Nonstructural
O.D.	Optical density
PCR	Polymerase chain reaction
pmol	Picomole
pre-M	Premembrane
PVP	Polyvinylpyrrolidone
rpm	Round per minute
RT-PCR	Reverse transcription-polymerase chain reaction
SD	Standard deviation
SDS	Sodium dodecyl sulfate
T	Thymine
TAE	Tris/acetate/EDTA
Tm	Melting temperature
TMAC	Tetramethylammonium chloride