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#### LIST OF ABBREVIATIONS AND SYMBOLS

 $\alpha_2 M$  = Alpha-2-macroglobulin

DTT = 1,4-Dithio-DL-threitol

 $EF1\alpha$  = Elongation factor-1-alpha

EF2 = Elongation factor 2

GST = Glutathione-s-transferase

kb = Kilobase (s) kDa = Kilodalton (s)

LB = Luria-Bertani (medium)

M = Molarity

mA = milliampare

mM = millimolar

mg = milligram

 $\min$  =  $\min(s)$ 

ml = milliliter

 $\mu g$  = microgram

μl = microliter

 $\mu M = micromolar$ 

ng = nanogram

nm = nanometer

nmole = nanomole

nt = nucleotide(s)

OD = Optical density

PAGE = Polyacrylamide gel electrophoresis

PBS = Phosphate buffer saline

PCR = Polymerase chain reaction

pmole = picomole

Pm = Penaeus monodon

PMSF = Phenyl methyl sulfonyl fluoride

ppt = part per thousand

### LIST OF ABBREVIATIONS AND SYMBOLS (Continued)

RNA = Ribonucleic acid

RNase = Ribonuclease

rpm = revolutions per minute

RT-PCR = Reverse transcription polymerase chain reaction

SDS = Sodium dodecyl sulfate

sec = second

STET = Sodium choride-Tris-EDTA-Triton

TAE = Tris-acetate-EDTA

TEMED = N,N,N',N'-tetramethyl-ethylenediamine

Tm = melting temperature

Tris = Tris (hydroxymethyl) aminoethane

Tris-HCl = Tris (hydroxymethyl) aminoethane hydrochloric acid

U = unit (s)
UV = ultraviolet

V = volt

v/v = volume per volume w/v = weight per volume

WSSV = White spot syndrome virus