

LIST OF ABBREVIATIONS

Abbreviation or symbol	Term
%	Percent
μg	Microgram(s)
μl	Microliter(s)
μm	Micrometer(s)
AEC	Aminoethyl carbazole
BCIP	5-bromo-4-chloro-3-indolyl phosphate
cDNA	Complementary deoxyribonucleic acid
Da	Dalton(s)
dCTP	Deoxycytosine triphosphate
DDW	Double distilled water
DIG	Digoxigenin
DNA	Deoxyribonucleic acid
dNTP	Deoxynucleotide triphosphate
DW	Distilled water
EDTA	Ethylenediamine tetraacetic acid
<i>e.g.</i>	exempla gratia (for example)
<i>et al.</i>	<i>et alii</i>
HRP	Horse-radish peroxidase
IPTG	Isopropyl-1-thio-β-D-galactopyranoside
kDa	Kilodalton(s)
LB	Luria Bertani (broth)

Abbreviation or symbol	Term
M	Molar(s)
mg	Milligram(s)
ml	Milliliter(s)
mm	Millimeter(s)
mM	Millimolar(s)
N	Normal
NBT	Nitrobluetetrazolium
nm	Nanometer(s)
°C	Degree(s) Celsius
OD	Optical density(-ies)
<i>p</i>	<i>p</i> value
PBS	Phosphate buffered saline
PCR	Polymerase chain reaction
pfu/ml	Plaque forming unit(s) per milliliter
pH	Negative logarithm of hydrogen ion activity
PMSF	Phenylmethyl sulfonyl fluoride
PVDF	Polyvinylidene fluoride
RNA	Ribonucleic acid
RNase A	Ribonuclease A
RT-PCR	Reverse transcription polymerase chain reaction
SDS	Sodium dodecyl sulfate
SDS-PAGE	Sodium dodecyl sulfate-polyacrylamide gel Electrophoresis

Abbreviation or symbol	Term
V	Volt(s)
X-gal	5-bromo-4-chloro-3-indolyl- β -D-galactopyranoside
$\mu\text{g/ml}$	Microgram(s) per milliliter
μM	Micromolar(s)
bp	Base pair(s)
BSA	Bovine serum albumin
<i>g</i>	Relative centrifugal force (acceleration gravity)
g	Gram(s)
Ig	Immunoglobulins
kDa	Kilodalton
LB	Luria-Bertani
mA	Milliampere(s)
N	Normality (normal)
rpm	Round(s) per minute
spp.	species
v/v	Volume by volume
w/v	Weight by volume
U	Unit(s)
U/ μl	Unit(s) per microliter
cm	Centimeter(s)
V/cm	Volt(s) per centimeter
KB	Kilobase(s)