

List of Abbreviations

%	Percent
aa	Amino acid
Ab	Antibody
ADCC	Antibody dependent cell cytotoxicity
ADCI	Antibody dependent cell inhibition
Amp	Ampicillin
APS	Ammonium Per Sulfate
ATCC	American Type Culture Collection
bp	Base pair (s)
BCIP	5-Bromo-4-chloro-3-indolyl phosphate
BGH	Bovine growth hormone
BSA	Bovine serum albumin
cDNA	Complementary DNA
C-terminal	Carboxy terminal
cpm	Counts per minute
DAPI	6-Diamidino-2-phenylindole
DAB	Diamino benzidine
ddNTP	Di-deoxyribose nucleotide phosphate
DEPC	Diethyl pyrocarbonate
DsRNA	Double stranded RNA
DNA	Deoxyribose nucleic acid
dNTPs	Deoxynucleoside triphosphates
DTT	Dithiothreitol
<i>E.coli</i>	<i>Escherichia coli</i>
EDTA	Ethylenediamine tetracetic acid
E-64	L-transepoxysuccinyl-leucylamido-[4-guanido]
butane	
g	Gram
h	Hour/Hours
6X-His	hexa-histidine tag
HRPO	Horse radish peroxidase
HS	Human serum
IEM	Immuno electron microscopy
IFA	Immunofluorescence assay

IPTG	Isopropyl β -D-thio-galactopyranoside
i.v.	Intravenous
Kan	Kanamycin
kDa	Kilo dalton
kb	Kilo base pairs
LB	Luria broth
LMP	Low melting point
LMW	Low molecular weight
M	Molarity
mAb	Monoclonal antibody
min	Minutes
mg	Milligram
ml	Milliliter
mM	Millimolar
mRNA	Messenger RNA
N-terminal	Amino terminal
ng	Nanogram
nm	Nanometer
O/N	Overnight
$^{\circ}$ C	Degree Centigrade
OD	Optical Density
OPD	o-phenylene diamine dihydrochloride
ORF	Open reading frame
PAGE	Polyacrylamide gel electrophoresis
PBS	Phosphate buffered saline
PBST	Phosphate buffered saline with Tween-20
PCR	Polymerase chain reaction
pg	Pico gram
pmol	Pico mole
PMSF	Phenylmethylsulfonyl fluoride
PTGS	Post Transcriptional Gene Silencing
PVM	Parasitophorous vacuolar membrane
TVM	Tubulo vesicular membrane

RBCs	Red blood cells
RNA	Ribo nucleic acid
RNAi	RNA interference
rpm	Revolutions per minute
siRNA	Small interfering RNA
RdRP	RNA dependent RNA Polymerase
SDS	Sodium dodecyl sulphate
sec	Seconds
SI	Stimulation index
SDS-PAGE	Sodium Dodecyl sulphate-polyacrylamide gel electrophoresis
Sp.	Species
TE	Tris-EDTA
TEMED	N, N, N', N'-Tetramethylethylenediamine
US\$	US dollar
WHO	World Health Organization
X-gal	5-bromo-4-chloro-3-indoyl- β -D-
galactopyranoside	
β ME	Beta mercaptoethanol
μ g	Microgram
μ l	Microliter
μ M	Micromolar
vs	Versus