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ABBREVIATIONS

A	adenine
Å	Angstrom (10^{-10}m)
Ala	alanine
Arg	arginine
Asp	aspartic acid
bp	base pair
BSA	bovine serum albumin
C	cytosine
°C	degree celsius
cDNA	complementary DNA
C protein	capsid protein
$CoCl_2$	cobalt dichloride
CS	conserved RNA sequence
Cys	cysteine
DAB	3, 3' diaminobenzidine
DF	dengue fever
DHF	dengue hemorrhagic fever
dNTP	deoxyribonucleoside triphosphate
DEPC	diethylpyrocarbonate
dsDNA	double-stranded deoxyribonucleotide
DSS	dengue shock syndrome
DTT	dithiothreitol
E	envelope protein
EDTA	ethylenediamine tetraacetic acid
EtBr	ethidium bromide

ER	endoplasmic reticulum
ffu	foci forming unit
g	gravity
G	guanine
hr	hour
HEPES	*N*-(2-hydroxyethyl) piperazine-*N'*-(2-ethanesulfonic acid)
His	histidine
HIV	human immunodeficiency virus
Ig	immunoglobulin
k	kilo (10^3)
k_{cat}	turnover number
K_M	Michaelis constant
kb	kilobase
kDa	kilo-Dalton
KOH	potassium hydroxide
LB	Luria-Bertani medium
LPC	lymphoma prohormone convertase
Lys	lysine
M	membrane protein
M	molar
mAb	monoclonal antibody
MESA	MOPS-EDTA-Sodium acetate buffer
$MgCl_2$	magnesium chloride
min	minute
mL	milliliter
mM	millimolar

mol	mole
MOPS	3-(*N*-morpholino)propanesulfonic acid
µg	microgram
µl	microliter
µM	micromolar
NaCl	sodium chloride
ng	nanogram
nm	nanometer
NS	non-structural protein
nt	nucleotide
PACE	pair amino acid convertase enzyme
PBS	phosphate buffered saline
PC	prohormone convertase
PCR	polymerase chain reaction
pmol	picomole
poly(A)$^+$	polyadenylated
prM	premembrane protein
RNA	ribonucleic acid
RNase	ribonuclease
rNTP	ribonucleoside triphosphate
rpm	revolutions per minute
RT-PCR	reverse transcriptase-polymerase chain reaction
SDS	sodium dodecyl sulfate
sec	second
Ser	serine
SPCs	subtilisin-like proprotein convertases
T	thymine

TAE	tris-acetate-EDTA buffer
TE	tris-EDTA buffer
TGN	*trans*-Golgi network
Tm	melting temperature
Tris-HCl	tris-hydrochloride buffer
u	unit
UV	ultraviolet
Val	valine
VC	vitellogenin convertase
Vg	vitellogenin
(v/v)	volume:volume ratio
(w/v)	weight:volume ratio