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ABBREVIATIONS

°C	degree Celsius
(v/v)	volume: volume ratio
(w/v)	weight: volume ratio
μg	microgram
μl	microliter
μM	micromolar
A	adenine
Å	Angstrom (10^{-10} m)
Ala or A	alanine
anC	anchor capsid protein
Arg or R	arginine
Asp or D	aspartic acid
bp	base pair
BSA	bovine serum albumin
C protein	capsid protein
C	cytosine
cDNA	complementary DNA
CS	conserved RNA sequence
cryoEM	cryoelectron microscopy
Cys or C	cysteine
DAB	3, 3' diaminobenzidine
DEN	dengue virus
DEPC	diethylpyrocarbonate
DF	dengue fever
DHF	dengue hemorrhagic fever
dNTP	deoxyribonucleoside triphosphate
dsDNA	double-stranded deoxyribonucleic acid
DSS	dengue shock syndrome
DTT	dithiothreitol

E protein	envelope protein
EDTA	ethylenediamine tetraacetic acid
ER	endoplasmic reticulum
EtBr	ethidium bromide
FFU or ffu	foci forming unit
g	gravity
G	guanine
Gly or G	glycine
gm	gram
HEPES	*N*-(2-hydroxyethyl) piperazine-*N'*-(2-ethanesulfonic acid)
His or H	histidine
HIV	human immunodeficiency virus
hr	hour
Ig	immunoglobulin
JEV or JE	Japanese encephalitis virus
k	kilo (10^3)
kb	kilobase
k_{cat}	turnover number
kDa	kilo-Dalton
K_M	Michaelis constant
LB	Luria-Bertani medium
Lys or K	lysine
M protein	membrane protein
M	molar
MESA	MOPS-EDTA-Sodium acetate buffer
Met or M	methionine
min	minute
mg	milligram
ml	milliliter
mM	millimolar
mol	mole

MOPS	3-(*N*-morpholino)propanesulfonic acid
ng	nanogram
nm	nanometer
NS protein	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 protein	premembrane protein
RNA	ribonucleic acid
RNase	ribonuclease
rNTP	ribonucleoside triphosphate
rpm	revolutions per minute
RT-PCR	reverse transcription-polymerase chain reaction
SDS	sodium dodecyl sulfate
sec	second
Ser or S	serine
SPCs	subtilisin-like proprotein convertases
T	thymine
TAE	tris-acetate-EDTA buffer
TBEV	tick-borne encephalitis virus
TE	tris-EDTA buffer
TGN	*trans*-Golgi network
Thr or T	theronine
Tm	melting temperature
Tris	tris(Hydroxymethyl)aminomethane
Tris-HCl	tris(Hydroxymethyl)aminomethane hydrochloride
u	unit
UV	ultraviolet

Val or V	valine
VC	vitellogenin convertase
Vg	vitellogenin
YF	yellow fever