

10. Abbreviations

A	adenosine
A ₂₆₀	absorption at $\lambda=260$ nm
Amp	ampicillin
AMP	adenosine 5'-monophosphate
APS	ammonium persulfate
ATP	adenosine 5'-triphosphate
bp	base pair(s)
C	cytosine
°C	temperature in degrees Celsius
cpm	counts per minute
CTP	cytosine 5'-triphosphate
DNA	deoxyribonucleic acid
dNTP	deoxyribonucleotide triphosphate
ds	double-stranded
DTT	dithiothreitol
EDTA	ethylenediaminetetraacetic acid
ethidium bromide	3,8-diamino-5-ethyl-6-phenyl phenanthridinium bromide
G	guanosine
GDP	guanosine 5'-diphosphate
GTP	guanosine 5'-triphosphate
h	hour
HEPES	4-(2-hydroxyethyl)piperazine-1-ethanesulfonic acid
IC ₅₀	inhibitor concentration 50%
IPTG	isopropylthio- β -D-thiogalactopyranoside
ITP	inosine 5'-triphosphate
K _d	dissociation constant
l	liter
m	meter
M	mol/l, molar
min	minute(s)
mol	mole(s)
nt	nucleotide
NTP	nucleotide triphosphate
PAGE	polyacrylamide gel electrophoresis
PCR	polymerase chain reaction
rcf	relative centrifugal force
RNA	ribonucleic acid
rpm	revolutions per minute
RT	reverse transcription

SDS	sodium dodecylsulfate
ss	single-stranded
T	thymine
TBE	tris-borate-EDTA
TEMED	N,N,N',N'-tetramethylethylenediamine
TLC	thin-layer chromatography
Tris	tris-(hydroxymethyl)-aminomethane
TTP	thymidine 5'-triphosphate
U	uridine / units of enzymatic activity
UTP	uridine 5'-triphosphate
UV	ultra violet
V	volt(s)
v/v	volume per volume
W	Watt(s)
w/v	weight per volume
X-gal	5-bromo-4-chloro-3-indolyl- β -D-galactoside
XTP	xanthosine 5'-triphosphate