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## ABBREVIATIONS AND SYMBOLS

$\alpha$	alpha
bp	base pair
$\beta$	beta
$^{\circ}\text{C}$	degree Celsius
$\delta$	delta
dNTPs	deoxynucleoside triphosphates
DNA	deoxyribonucleic acid
ddNTPs	dideoxynucleoside triphosphates
DMSO	dimethyl sulfoxide
$\epsilon$	epsilon
EtOH	ethanol
EDTA	Ethelene diamine tetra-acetate
$\gamma$	gamma
g	gram
hr	hour
HCl	Hydrochloric acid
kb	kilobase
L	litre
$\text{MgCl}_2$	Magnesium chloride
$\mu\text{g}$	microgram
$\mu\text{l}$	microlitre
$\mu\text{M}$	micromolar
mg	milligram
ml	millilitre
mM	millimolar



min	minute
M	molar
nm	nanometer
%	percent
PCR	polymerase chain reaction
$\psi$	pseudo
rpm	revolution per minute
sec	second
<i>Taq</i> DNA polymerase	<i>Thermus aquaticus</i> DNA polymerase
$\theta$	theta
Tris-HCl	Tris-hydroxymethyl aminomethane solution adjusted pH with HCl
UV	ultraviolet
U	unit
V	volt
$\zeta$	zeta

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