

ABBREVIATIONS

AIF	Apoptosis inducing factor
µl	Micro litre
Apaf-1	Apoptosis activating factor
ATP	Adenine Triphosphate
Bax	Bcl-2 associated X protein
Bp	Base pair
Bcl-2	B Cell lymphoma
BH1-	Bcl-homology-1
Bid	Bcl 2 Interacting Domain
BPB	Bromophenolblue
Caspases	CysteinyI-aspartate-specific-proteases
CBP	Cyclin AMP-response element binding protein
CDK	Cyclin dependent kinase
cDNA	Copy deoxyribonucleic acid
Ced	Cell death defective
c-FLIP protein	Cellular-FADD-like-IL- K^B -converting enzyme-inhibitory
CHO	Chinese Hamster Ovary
CIN	Cervical intra-epithelial neoplasia
CR	Conserved region
Da	Daltons
DAB	Diaminobenzidine
DcR1	Decoy receptor
DD	Death domain
DED	Death Effector Domain
DEPC	Diethylpyrocarbonate
DIG	Digoxigenin
DISC	Death Signalling Complex
DMEM	Dubelcco's Modified Eagle Medium

DNA	Deoxyribonucleotide acid
dNTP	2' - deoxynucleotide 5' - triphosphate
DR4	Death receptor
DTT	Dithiothreitol
dUTP	Deoxyuridine triphosphate
DWNN	Domain With No Name
E.Coli	Escherichia Coli
E6AP	E6-associated protein
EDTA	Ethylenediaminetetraacetic acid
ERK	Extracellular signal regulated Kinase
EtBr	Ethidium Bromide
ETOH	Ethanol
FADD	Fas-associated Death Domain
FBS	Foetal Bovine serum
FITC	Fluorescein isothiocyanate
FLICE	FADD-homologous ICE/CED-3-like protease
HCL	Hydrochloric Acid
HDAC	Histone Deacetylase
HECT	Homologous to the E6-AP Carboxyl Terminus
HLA	Human leukocyte antigen
HPV	Human papillomavirus
HRP	Horseradish peroxidase
HSD	Herring Sperm DNA
HSP	Heat shock protein
hTERT	Human telomerase reverse transcriptase
IAP	Inhibitor of apoptosis proteins
ICC	Immunocytochemistry
I-κB	Inhibitor of κ B
IKK	Inhibitor of κ B Kinase complex
IRF-1	Interferon regulatory factor
IRF-1	Interferon regulatory factor

ISH	<i>In Situ</i> Hybridization
JNK	Jun amino (N) terminal Kinase
LB	Luria Broth
LCR	Long control region
LiCl	Lithium Chloride
LOH	Loss of heterozygosity
MAPK	Mitogen activated protein kinase
MDM2	Murine Double minute-2
MEKK1	MAPK Kinase Kinas
MgCl₂	Magnesium Chloride
MHC	Major Histocompatibility Complex
MKK	MAPK Kinase
ml	Millimetre
MOPS	[N-mophonolino] propane-sulphuric acid
mRNA	Messenger ribonucleic acid
NBT/BCIP	Nitro-blue-tetrazolium–5-bromo-4-chloro-3-indolylphosphate
NF-<i>κ</i>B	Nuclear factor kappa B
NIK	NF- <i>κ</i> B-inducing kinase
°C	Degrees Celsius
P2PR	Proliferation potential protein
PACT	p53 associated cellular protein derived testis
PARP	poly (ADP-ribose) polymerase
PBS-BSA	Phosphate Buffered Saline-bovine serum albumin
PCNA	Proliferating Cell Nuclear Antigen
PCR	Polymerase Chain Reaction
PFA	Paraformaldehyde
pg	picograms
PIK3CA	Phosphoinositide-3-kinase, catalytic, alpha polypeptide
RAIDD	RIP-associated Ich-1/CED 3 homologous protein
Rb	Retinoblastoma

RING	Really interesting new gene
RIP	Receptor Interacting Protein
RNA	Ribonucleic acid
RT-PCR	Reverse Transcription -PCR
SdH₂O	sterile distilled H ₂ O
SDS	Sodium duodecyl sulphate
SMAC	Second Mitochondria-derive Activator of caspases
SR	Serine Rich
SSC	Sodium Chloride Sodium Citrate
TBE	Tris Borate EDTA
tBid	truncated Bid
TBS	Tris-buffered Saline
TdT	Terminal deoxyribonucleotidyl transferase
TE	Tris EDTA
TNB	Tris-sodium-blocking solution
TNF	Tumour Necrosis Factor
TNF R1	Tumour necrosis factor receptor 1
TNT	Tris-sodium-tween
TRADD	TNF R1-associated Death Domain
TRAF	TNF-Receptor Associated Factor
TRAIL	Tumour Necrosis Factor-related apoptosis-inducing ligand
TUNEL	TdT-mediated dUTP nick end labelling
UPP	Ubiquitin proteasome pathway
UV	Ultra violet
VLP	Virus like particle