

ABBREVIATIONS

ACF	aberrant crypt foci
AIF	apoptosis inducing factor
Apaf-1	apoptosis activating factor-1
APC	adenomatous polyposis coli
Bcl	B-cell lymphoma
CPF	cleavage and polyadenylation factor complex
cRNA	copy deoxyribonucleic acid
CSS	Central Statistics Service
DAB	diaminobenzidine
DEPC	diethylpyrocarbonate
DIG	digoxigenin
DISC	death inducing signalling complex
DNA	deoxyribonucleic acid
DWNN	Domain With No Name
E16	exon 16
<i>E. coli</i>	<i>Escherichia coli</i>
EDTA	ethylene-diamine-tetra-acetic acid
EGFR	epidermal growth factor receptor
ETEC	enterotoxigenic <i>E. coli</i>
FADD	Fas-associated death domain
FISH	fluorescent <i>in situ</i> hybridisation
FITC	fluorescein isothiocyanate
HCl	hydrochloric acid
HECT	homologous to E6-AP carboxyl-terminus
HGD	high grade dysplasia
hnRNP	heterogenous nuclear ribonucleoprotein
HRP	horseradish peroxidase
HSD	Herring sperm DNA
IAP	inhibitor of apoptosis
ICC	immunocytochemistry
IgG	immunoglobulin G
I κ B	inhibitor of NF- κ B
ISH	<i>in situ</i> hybridisation

kD	kilodalton
LB	luria broth
LiCl	lithium chloride
Mdm2	human mouse double minute 2
mRNA	messenger ribonucleic acid
NaBT	sodium butyrate
NBT/BCIP	nitro blue tetrazolium/5-bromo-4-chloro-3-indolylphosphate
NTP	nucleotide triphosphate
P2P-R	proliferation potential protein related
p53BD	p53 binding domain
PACT	p53 associated cellular protein -testes derived
PAP	peroxidase antiperoxidase
PBS-BSA	phosphate buffered saline-bovine serum albumin
PCR	polymerase chain reaction
PFA	paraformaldehyde
pRb	product of retinoblastoma
Rb	retinoblastoma
RbBD	retinoblastoma binding domain
RBQ-1	retinoblastoma-binding Q-protein 1
RING	really interesting new protein
sdH ₂ O	sterile distilled water
SSC	sodium chloride sodium citrate
TBE	Tris borate EDTA
TBS	Tris-buffered sodium
Tdt	terminal deoxynucleotide transferase
TE	Tris EDTA
TGF- β R	transforming growth factor- β receptor
TNB	Tris sodium blocking solution
TNF	tumour necrosis factor
TNT	Tris sodium tween
TRAIL	tumour necrosis factor-related apoptosis-inducing ligand
TUNEL	terminal deoxynucleotide transferase-mediated deoxyuridine triphosphate biotin nick-end labelling
Ub	ubiquitin

UP-S ubiquitin-proteasome system
UV ultraviolet