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ABBREVIATIONS

% percent

°C degree celcius

AC aberrant crypt

ACF aberrant crypt focus

AOM azoxymethane

APC adenomatous polyposis coli

basepair basepair

BSA bovine serum albumin

CFU colony forming unit

CSPD bisodium3-(4-methoxyspiro{1,2-dioxetane-3,2'-(5-

chloro)tricyclo[3.3.1.13,7]decan}-4yl)phenyl

phosphate

DIG digoxygenin

DEPC diethylpyrocarbonate

FAP familiar adenomatous polyposis

g gram

GAM Gifu anaerobic medium

hr () hour

IAA isoamyl alcohol

IgG immunoglobulin G

kb kilobase

kg kilogram

KU Klete unit

LB Luria-broth

LF lactoferrin

b- bovine lactoferrin

h- human lactoferrin

r- recombinant lactoferrin

M molar

mA milliampare

MAM methylazoxymethanol

mg milligram

min minute

nmole nanomole

No number

O/N overnight

PAGE polyacrylamide gel electrophoresis

PBS phosphate buffer saline

PCR polymerase chain reaction

pmole picomole

rpm revolution per minute

rRNA ribosomal RNA

SDS sodium dodesyl sulphate

sec second

SSC sodium chloride sodium citrate

TTB Tris-Tween buffer

TTBS Tris-Tween buffer saline

U unit

UV ultraviolet

V voltage

wt weight

μg microgram

μl microliter

µmole micromole