

ABBREVIATIONS

µg	Microgram
µl	Microlitre
µM	Micromolar
°C	degree Celsius
ANNOVA	Analysis of variance
AU	Arbitrary units
bp	Base pair
BLAST	Basic Local Alignment Search Tool
BLIS	Bacteriocin like substance
BSH	Bile salt hydrolase
Caco-2	human colorectal adenocarcinoma
CFU	Colony forming units
conc.	Concentration
CVDs	Cardiovascular diseases
d	Day
DNA	Deoxy ribonucleic acid
DC	Dendritic cell
dNTPs	Deoxynucleotide triphosphates
DRL	Defense Research Laboratory
EDTA	Ethylenediaminetetraacetic acid
FAO	Food and Agriculture Organization
FBS	fetal bovine serum
GIT	Gastrointestinal tract
g/L	Gram per litre
GRAS	Generally Recognized as Safe
h	Hour
HDL	High density lipoprotein
HFD	Hypercholesterolaemic diet

HDAC	Histone deacetylase
IMTECH	Institute of Microbial Technology
ITS	Internal transcribed spacer
Kda	Kilo dalton
kbp	Kilo basepair
LAB	Lactic acid bacteria
LBA	Luria Bertani agar
LDL	Low density lipoprotein
M	Molar
MEM	Minimum Essential Medium
min	Minute
ml	Millilitre
mM	Millimolar
MRS	de Man, Rogosa and Sharpe
MTCC	Microbial Type Culture Collection
NCBI	National Centre of Biotechnology information
NCCS	National Centre for Cell Science
ND	Normal diet
NJ	Neighbor joining
nm	Nanometer
OD	Optical Density
PAGE	Polyacrylamide gel electrophoresis
PBS	Phosphate buffered saline
PCR	Polymerase Chain Reaction
rpm	Rotation per minute
RT	Room Temperature
RSA	radical scavenging activity
SCFA	Short chain fatty acid
sec	Second
SDS	Sodium dodecyl sulfate
SEM	Scanning electron microscope

SGF	Simulated gastric fluid
SIF	Simulated intestinal fluid
sp.	Species
TAG	Triglycerides
TAE	Tris-Cl, Acetic Acid and EDTA
TC	Total cholesterol
TCA	Taurocholic acid
TDCA	Taurodeoxycholic acid
TLR	Toll- like receptors
Treg	Regulatory T cell
V/V	Volume by volume
VLDL	Very low density lipoprotein
U/ml	Unit per millilitre
WHO	World Health Organization