

LIST OF ABBREVIATIONS

Ab	Antibody
AI	adhesion inhibition
AJ	adherence junctions
bp	Base pair
BSH	bile-salt hydrolyses
CD	Crohn's disease
cDNA	Complementary DNA
CFU	colony forming unit
CI	competitive inhibition
Ct	cycle threshold
DDBJ	DNA Data Bank of Japan
DEPC	Diethyl pyrocarbonate
DI	displacement inhibition
DMEM	Dulbecco's modified Eagle's medium
DNA	Deoxyribonucleic acid
dNTPs	2'-deoxynucleotide-5'triphosphates
DPBS	Dulbecco's phosphate buffer saline
DSS	Dextran Sodium Sulphate
EDTA	Ethylene-diamine tetra acetic acid
EF-Tu	Elongation factor-thermo unstable
EPEC	Enteropathogenic <i>E. coli</i>
EPS	Exopolysaccharides
FBS	Fetal bovine serum
FITC	Fluorescein isothiocyanate
GAPDH	Glyceraldehyde 3-phosphate dehydrogenase
GIT	Gastrointestinal tract
IBD	Inflammatory bowel disease

IEC	Intestinal epithelial cells
IFN	Interferon
Ig	Immunoglobulin
IL	Interleukin
JAM	Junction adhesion molecule
KDa	Kilo Dalton
LAB	Lactic acid bacteria
LB	Luria broth
LGG	<i>Lactobacillus rhamnosus</i> GG
LPS	Lipopolysaccharide
LRM	Low range DNA molecular weight ruler
LTA	Lipoteichoic acid
M	Molar
MAPK	Mitogen-activated protein kinases
MLCK	Myosin light chain kinases
mRNA	Messenger RNA
MRS	de Man, Rogosa and Sharpe
Mub	Mucus-binding protein
NF- κ B	Nuclear factor κ B
PBS	Phosphate buffer saline
PCR	Polymerase chain reaction
PKC	Protein kinase C
qRT-PCR	Quantitative real-time polymerase chain reaction
RNA	Ribonucleic acid
rpm	Revolutions per minute
rRNA	Ribosomal RNA
SD	Standard deviations
Taq	<i>Thermus aquaticus</i>
TBE	Tris-Borate EDTA

TEER	Transepithelial electrical resistance
TGF	Transforming growth factor
TJ	Tight junction
TLRs	Toll-like receptors
TNBS	2, 4, 6-trinitrobenzenesulfonic acid
TNF	Tumor necrosis factor
UC	Ulcerative colitis
ZO	Zonula occludens