

## LIST OF ABBREVIATIONS

HS	=	Heat stress
TN	=	Thermoneutral zone
T	=	Treatment
RNA-seq	=	Transcriptome sequencing
mg	=	Milligram
µg	=	Microgram
µL	=	Microliter
g	=	Gram
min	=	Minute
s	=	Second
mL	=	Milliliter
°C	=	Degree Celsius
h	=	Hour
FC	=	Fold change
FPKM	=	Fragments per kilobase of transcript per million mapped reads
DEG	=	Differentially expressed gene
FC	=	Fold change
GO	=	Gene ontology
KEGG	=	Kyoto Encyclopedia of Genes and Genomes
PPI	=	Protein-Protein Interaction
PDK4	=	Pyruvate dehydrogenase kinase 4
HSPA2	=	Heat shock protein family A (Hsp70) member 2
HSPB9	=	Heat shock protein family B (small) member 9
DNAJA4	=	Heat shock 40kDa protein (HSP40)
IL18BP	=	Interleukin 18 binding protein
CD36	=	Cluster of differentiation 36
CLDN15	=	Claudin 15
RAG2	=	Recombination activating gene 2

## LIST OF ABBREVIATIONS (Continued)

SOD	=	Superoxide dismutase
GSH-Px,	=	Glutathione peroxidase
HSP70	=	Heat shock protein 70
HSP90	=	Heat shock protein 90
IL6	=	Interleukin 6
IL10	=	Interleukin 10
TNF- $\alpha$	=	Tumor necrosis factor-alpha
TLR4	=	Toll-like receptor 4
NF- $\kappa$ B	=	Nuclear factor- $\kappa$ B
CLND1	=	Claudin-1
ZO1	=	Zona occludens 1
GAPDH	=	Glyceraldehyde-3-phosphate dehydrogenase
SCFA	=	Short-chain fatty acid
PCoA	=	Principal coordinate analysis