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## ABBREVIATIONS

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ALV	Avian Leukosis virus
APS	Ammonium per sulfate
bp	Base pair
BSF	Band shearing frequency
cm	Centimeter
CSF	Colony stimulating factor
D.W.	Distilled water
DEPC	Diethyl pyro carbonate.
DMSO	Dimethyl sulphoxide
DNA	Deoxy ribonucleic acid
dNTP	Deoxy ribonucleotide triphosphate
DTT	Dithiothretiol
EDTA	Ethylene diamine tetra acetic acid
ELISA	Enzyme-linked Immuno sorbant assay.
Fig	Figure
GH	Growth Hormone
gm	Gram(s)
GRE	Glucocorticoid regulatory element
h	Hour
HA	Haemagglutination
HCMI	High cell mediated immunity
HI	Haemagglutination inhibition
HSRBC	High sheep red blood cells
IBD	Infectious bursal disease
IFN- $\gamma$	Interferon gamma
IGF	Insulin like growth factor
IPTG	isopropyl - $\beta$ -D-thiogalactopyranoside
Kb	Kilo base
LB	Luria Broth
LCMI	Low cell mediated immunity
LSRBC	Low sheep red blood cells
M	Molar
MD	Marek's disease
mg	Milligram(s)
MHC	Major Histo-compatibility complex
MIC	Microchromosome
min	Minute

ml	Milliliter
mM	Milimolar
mRNA	Messenger RNA
µg	Microgram
µl	Microliter
µM	Micromolar
MW	Molecular weight
ND	New Castle disease
ng	Nanogram
NN	Naked Neck
NO	Nitric oxide
Nt	Nucleotide
°C	Degree Celsius
OD	Optical density
PBS	Phosphate buffer saline
PCR	Polymerase Chain Reaction
pH	Hydrogen ion concentration
PHA-P	Phytohaemagglutinin
RAPD	Randomly amplified polymorphic DNA
RD	Ranikhet disease
RE	Restriction Endonuclease
RFLP	Restriction fragment length polymorphism
RIR	Rhode Island Red
RNA	Ribose Nucleic Acid
Rnase	Ribonuclease
rpm	Revolution per minute
SDL	Synthetic dam line
sec	Seconds
SNP	Single nucleotide polymorphism
SSCP	Single stranded conformation polymorphism
Taq	<i>Thermus aquaticus</i>
TBE	Tris-borate EDTA
U	Unit
V	Volts
v	Volume
w/v	Weight by volume
WLH	White Leg Horn
x-gal	5 bromo-4chloro-3 indolyl -β-D- galactoside