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ABBREVIATIONS

°C	=	degree(s) Celsius
A	=	adenine
aa	=	amino acid
AIV	=	Avian Influenza Virus
ALSV	=	Avian leukosis and sarcoma viruses
ALSV-A	=	Subgroup A Avian leukosis and sarcoma viruses
ALV	=	Avian leukosis virus
APC	=	Antigen presenting cell
App.	=	Appendix
APS	=	Ammonium Persulphate
bp	=	base pair
C	=	cytosine
cDNA	=	complementary Deoxyribonucleic acid
CH	=	Chee strain
cM	=	centi-Morgan(s)
cm	=	centimetre
contig	=	contiguous
Cys	=	Cysteine
DLD	=	Department of Livestock Development
DNA	=	Deoxyribose nucleic acid
dNTP	=	deoxynucleoside triphosphate
Ds	=	Standard genetic distance

ABBREVIATIONS (continued)

EDTA	=	Ethylenediaminetetra acetic acid
G	=	guanine
HWE	=	Hardy-Weinberg equilibrium
IBDV	=	Infectious bursal disease virus
IBV	=	Infectious bronchitis virus
kb	=	kilobase
KL	=	Kau-Laun strain
LHK	=	Leung-Hahng-Kow strain
M	=	Molar
MAS	=	Marker assisted selection
Mb	=	Megabase
MD	=	Marek's disease
MDV	=	Marek's disease virus
µg	=	microgram
mg	=	milligram
MgCl ₂	=	Magnesium chloride
MHC	=	Major Histocompatiblity Complex
MIC	=	Micro-chromosome
min	=	minute(s)
µl	=	microlitre
ml	=	millilitre
µm	=	micrometer

ABBREVIATIONS (continued)

mRNA	=	messenger Ribonucleic Acid
N	=	Normal
NaCl	=	Sodium chloride
NaOH	=	Sodium hydroxide
ND	=	Nok-Dang strain
ng	=	nano gram
nmol	=	nano mole
NOR	=	Nucleolar organiser region
P	=	Probability
PBS	=	Pathogen binding site
PCR	=	Polymerase Chain Reaction
PCR-SSP	=	PCR-Sequence Specific Primer
pers. com.	=	Personal communication
pg	=	pico grams
PHD	=	Pradoo-Hahng-Dam strain
pmol	=	pico moles
Poly A	=	Poly Adenylate
QTL	=	Quantitative Trait Locus
rDNA	=	Ribosomal DNA
RFLP	=	Restriction Fragment Length Polymorphism
RNA	=	Ribonucleic Acid
rpm	=	revolutions per minute

ABBREVIATIONS (continued)

RT	=	Room Temperature
SDS	=	Sodium Dodecyl Sulphate
sec	=	Second(s)
ss	=	single stranded
SSCP	=	Single Stranded Conformational Polymorphism
T	=	Thymine
T _a	=	Annealing Temperature
TAP2	=	Transporter associated with antigen processing 2
Taq	=	<i>Thermus aquaticus</i> DNA polymerase
TBE	=	Tris-borate EDTA
TE	=	Tris EDTA
T _e	=	Extension Temperature
TEMED	=	N,N,N',N'-tetramethylethylenediamine
T _m	=	Melting Temperature
Tris	=	2-amino-2-(hydroxymethyl) propane-1, 3 diol
tRNA	=	transfer RNA
U	=	Unit
upgMa	=	unweighted pair-group method with arithmetic mean
UTR	=	Untranslated region
UV	=	Ultraviolet
V	=	Volt
vs.	=	versus

GENES AND MARKER LOCI

Loci/prefixes

ADL	=	Microsatellite markers from East Lansing
COM	=	Marker generated at IAH Compton
MCW	=	Microsatellite markers from Wageninen
28S	=	28S ribosomal protein
60S	=	60S ribosomal protein
BF	=	Chicken MHC Class I locus
BL	=	Chicken MHC Class II locus
BG	=	Chicken MHC Class IV locus
BAT8	=	(homologue of G9a) function unknown
ERV	=	Endogenous retrovirus
HLA	=	Human leukocyte antigen loci A-D
<i>Ly-4</i>	=	receptor gene on lymphocytes
NOR	=	Nucleolar organiser region
Nramp	=	Natural resistance associated macrophage protein
Rfp-Y	=	Restriction fragment pattern-Y
TAP2	=	Transporter associated with antigen processing 2
<i>Th-1</i>	=	antigen expressed on T cells