

8. Abbreviations

ANA	Anti-nuclear antibodies
APC	Allophyocyanin
B cell	Bursa-dependent; bone-marrow-derived (lymphocytes)
BCR	B-cell antigen receptor
BSA	Bovine serum albumin
CD	Cluster of differentiation
CDR	Constant diversity region
D _H	Diversity heavy chain gene segment
DNA	Desoxyribonucleic acid
EBV	Epstein-Barr virus
ELISA	Enzyme-linked immunoassay
FACS	Fluorescence activated cell sorting
FCS	Fetal calf serum
FITC	Fluorescein isothiocyanate
GPI	Glucose-6-phosphate-isomerase
HEL	Hen egg lysozyme
Ig	Immunoglobulin
IgA	Immunoglobulin A
IgD	Immunoglobulin D
IgE	Immunoglobulin E
IgG	Immunoglobulin G
IgH	Immunoglobulin heavy chain
IgL	Immunoglobulin light chain
IgM	Immunoglobulin M
Ig α	Immunoglobulin alpha chain
Ig β	Immunoglobulin beta chain
Ig γ	Immunoglobulin gamma heavy chain
Ig κ	Immunoglobulin kappa light chain
Ig λ	Immunoglobulin lambda light chain

J _H	Joining heavy chain gene segment
J _κ	Joining kappa chain gene segment
LPS	Lipopolysaccharid
MACS	Magnetic cell sorting
MHC	Major histocompatibility complex
mRNA	Messenger ribonucleic acid
PBMC	Peripheral blood mononuclear cell
PBS	Phosphate-buffered saline
PCR	Polymerase chain reaction
PE	Phycoerythrin
Pre-BCR	Pre-B-cell receptor
RA	Rheumatoid arthritis
RAG	Recombination activating gene
RF	Reading frame
RT	Reverse transcriptase
SLE	Systemic lupus erythematosus
T cell	Thymus-derived (lymphocytes)
TCR	T-cell receptor
V _H	Variable heavy chain gene segment
V _κ	Variable kappa chain gene segment