6.   ABBREVIATIONS

Ab	Antibody
AP	Alkaline phosphatase
APC	Antigen presenting cells
APS	Ammonium peroxy sulfate
BAFF	B cell activating factor
BCR	B cell receptor
BSA	Bovine serum albumine
bp	Base pairs
Bq	Bequerel
CD	Cluster of differentiation
COX	Cyclooxygenase
CTL	Cytotoxic T lymphocytes
CTLA-4	Cytotoxic T lymphocyte antigen 4
(k)Da	(kilo) Dalton
DC	Dendritic cell
DMEM	Dulbecco's modified eagle's medium
DMSO	Dimethylsulfoxide
DNA	Desoxy-ribonucleic acid
dNTP	Deoxyribonucleoside triphosphate
ds	Double stranded
DTT	Dithio-1,4-threitol
EDTA	Ethylen-diamine-tetra-acetate
ELISA	Enzyme-linked immunosorbent assay
FACS	Fluorescent activating cell sorting
FBS	Fasting blood sugar
FCS	Fetal calf serum
FISH	Fluorescence in situ hybridisation
FITC	Fluorescein isothiocyanate

γ	Gamma
GC	Germinal center
GM-CSF	Granonulocyte-macrophage colony stimulating factor
HBSS	Hank's balanced saline solution
H & E	Hematoxylin eosin (stain)
HLA	Human leukocyte antigen
HRP	Horseradish peroxidase
IDDM	Insulin dependent diabetes mellitus
IFN	Interferon
IFN-γ-R	Interferon-γ receptor
IL	Interleukin
mAb	Monoclonal antibody
MCA	3-Methylcholanthrene
MHC	Major histocompatibility complex
min	Minutes
NK cells	Natural killer cells
NKT cells	Natural killer T cells
NOD	Non-obese diabetic (mouse)
OD	Optical density
PAP	Pulmonary alveolar proteinosis
PBS	Phosphate buffered saline
PCR	Polymerase chain reaction
PE	Phycoerythin
RAG	Recombination activating genes (receptor gene rearrangement)
RF	Rheumatoid factors
RPA	RNase protection assay
RPMI	Roswell Park Memorial Institute (cell culture medium)
RT-PCR	Reverse transcriptase - polymerase chain reaction
sec	Seconds
SDS	Sodium dodecylsulfate
SSC	SDS sodium citrate buffer

SKY	Spectral karyotyping
SLE	Systemic lupus erythematosus
5[6]-TAMRA, SE	5- (and 6-) Carboxytetramethylrhodamine ester
T2 B cells	Type 2 B cells
TCR	T cell antigen receptor
TBE	Tris borate EDTA
TE	Tris EDTA
TNF-α	Tumor necrosis factor alpha
TRFA	Time-resolved fluorescence assay
v	Volume
v/v	Volume per volume
WT	Wild Type
w/v	Weight per volume