

LIST OF ABBREVIATIONS

Note: Abbreviations for standard units (SI) of measurement and chemical formulae are not included in the list below.

hTNF α	Human Tumor necrosis factor alpha
FACS	Fluorescence Activated Cell Sorting
scFv	Single chain Variable Fragment
SAPE	Streptavidin phycoerytherin
bp	Base Pair
H ₂ O	Water
CTAB	Cetyl-tri-ethyl ammonium bromide
DNA	Deoxyribonucleic acid
EDTA	Ethylene-diamine tetra acetic acid
ELISA	Enzyme Linked Immuno Sorbent Analysis
g	Gram
h	hour

kb	Kilo base pair
kDa	Kilo Dalton
LB	Luria BertaniBroth
M	Molar
Mb	Mega basepair
mg	Milligram
min	Minute(s)
rpm	Rotations per minute
μg	Microgram
μl	Microliter
μM	Micromolar
ml	Milliliter
mM	Millimolar
nM	Nanomolar
PCR	PolymeraseChainReaction
RNA	Ribonucleicacid

RT-PCR	Reverse Transcription Polymerase Chain Reaction
TBE	Tris-Borate EDTA
Tris	Tri (hydroxymethyl) amino methane hydrochloride
UV	Ultraviolet
°C	Degree Celsius
X-gal	5-bromo-4-chloro-3-indoly- β -D-galactopyranoside
OD	Optical density
PCR	Polymerase chain reaction
SDS	Sodium dodecyl sulfate
PEG	Polyethylene glycol
PMSF	Phenyl methyl sulfonyl fluoride