

ABBREVIATION

AITD	Autoimmune thyroid diseases
ANOVA	Analysis of variance
Anti-TG	Anti-thyroglobulin
Anti-TPO	Anti-thyroidperoxidase
APC	Antigen presenting cells
BSA	Bovine serum albumin
CFA	Complete freund's adjuvant
CI	Confidence interval
CT Value	Cycle threshold value
CTLA4	Cytotoxic T-lymphocyte antigen-4
CTLA4 IG	Cytotoxic T-lymphocyte antigen-4 immunoglobulin
DAPI	4',6-diamidino-2-phenylindole
DCC	N,n'-dicyclohexylcarbodiimide
DNA	Deoxyribonucleic acid
DEPC	Diethyl pyrocarbonate
DLS	Differential light scattering
DMEM	Dulbecco's modified eagle's medium
DMSO	Dimethyl sulfoxide
DOGS	Diocetylamidoglycylspermine
DOPE	1,2-Dioleoyl-sn-glycero-3-phosphoethanolamine
DOSPA	(+)-N,N-dimethyl-N-[2-(sperminocarboxamido)ethyl]-2,3-bis(dioleyloxy)-1-propaniminium pentahydrochloride
DOTAP	N-[1-(2,3-Dioleoyloxy)propyl]-N,N,N-trimethylammonium methyl-sulfate
DOTMA	1,2-di-O-octadecenyl-3-trimethylammonium propane
E33	Exon 33
EAT	Experimental autoimmune thyroiditis
EDTA	Ethylenediaminetetraacetic acid
EGFP	Enhanced green fluorescent protein
ELISA	Enzyme linked immunosorbent assay

EtBr	Ethidium bromide
FACS	Fluorescence activated cell sorter
FBS	Fetal bovine serum
flCTLA4	Full length CTLA4
GAPDH	Glyceraldehyde 3-phosphate dehydrogenase
HA	Hexanoic acid
HEK-293	Human embryonic kidney 293 cells
HMW	High molecular weight
HWE	Hardy-Weinberg equilibrium
IL-10	Interleukin-10
LB media	Lysogeny broth, Luria-Bertani media
LMW	Low molecular weight
MHC	Major histocompatibility complex
MTg	Mouse thyroglobulin
MTT	3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide
NHS	N-hydroxysuccinimide
NLS	Nuclear localization signals
OA	Octanoic acid
OR	Odds ratio
PAMAM	Polyamidoamide
PCR	Polymerase chain reaction
pDNA	Plasmid DNA
PEG	Polyethylene glycols
PEI	Polyethyleneimine
PLL	Poly L-lysine
sCTLA4	Soluble CTLA4
SDS	Sodium dodecyl sulfate
SNPs	Single nucleotide polymorphisms
T3	Triiodothyronine
T4	Thyroxin
TE buffer	Tris EDTA buffer
TEM	Transmission electron microscopy
TG	Thyroglobulin

TNBS	2,4,6-Trinitrobenzenesulfonic acid
TPO	Thyroid peroxidase
Tris	Trisaminomethane
TSH	Thyroid stimulating hormone, thyrotropin
UTR	Untranslated region
WHO	World health organization
ω -amino-HA	ω -amino-hexanoic acid
ω -amino-OA	ω -amino-octanoic acid