

ABBREVIATIONS

aPM	activating pathogenic mutation
BSA	bovine serum albumine
bTSH	bovine thyroid stimulating hormone
C-b1	cysteine-box 1
C-b2	cysteine-box 2
C-b3	cysteine-box 3
C-b12/3	cysteine-box 2/3 linker
CA	constitutive activity
CAM	constitutively activating mutation
cAMP	cyclic adenosine monophosphat
CCR5	chemokine receptor 5
cDNA	complementary deoxyribonucleic acid
CG	choriogonadotropin
cpm	counts per minute
COS-7	African Green Monkey Kidney Fibroblast Cells
DAG	diacylglycerol
DNA	deoxyribonucleic acid
ECD	extracellular domain
ECL1/2/3	extracellular loops 1/2/3
EDTA	ethylenediaminetetraacetic acid
EGF	epidermal growth factor
EGTA	ethylene glycol bis(2-aminoethyl ether)-N,N,N'N'-tetraacetic acid
FCS	fetal calf serum
FITC	fluorescein-5-isothiocyanate
FSH	follicle stimulating hormone
FSHR	follicle stimulating hormone receptor
G-protein	guanine nucleotide-binding protein
GPCR	G-protein coupled receptor
GPCRdb	G-protein coupled receptor mutation database
GPH	glycoprotein hormone
GPHR	glycoprotein hormone receptor
h	hour

HEK	human embryonal kidney
hNogoR	human Nogo-receptor
IBMX	3-isobutyl-1-methyxanthine
ICL1/2/3	intracellular loops 1/2/3
IgG	immune globuline G
IL8/CXCL8	Interleukin-8
IL8RA/CXCR1	Interleukin-8 receptor
IP	inositol phosphate
IP ₃	inositol-1,4,5-trisphosphate
iPM	inactivating pathogenic mutation
LGRs	Leucine-rich repeat containing receptors
LH	luteinizing hormone, lutropin
LHCGR	lutropin/choriogonadotropin receptor
LMW	low molecular weight
LRR	leucine-rich repeat
LRRD	leucine-rich repeat domain
MD	molecular dynamics
min	minute
ml	milliliter
PBS	phosphate-buffered saline
PCR	polymerase chain reaction
PDB	Protein Data Bank
rhTSH	recombinant human TSH
SCA	specific constitutive activity
SD	serpentine domain
SEM	standard error of mean
SSFA	Sequence-Structure-Function Analysis
TMH	transmembrane helix
TSH	thyroid stimulating hormone
TSHR	thyroid stimulating hormone receptor