

**Abbreviations**

Abbreviation	Full name
3' $\Delta$ LTR	self-inactivating 3' Long Terminal Repeat with deletion in U3 region
3D	three-dimensional
aa	amino acid
ABCC3	multispecific organic anion transporter 2
ACADVL	acyl-Coenzyme A dehydrogenase, very long chain
AF1	activation function 1
AKR1B1	aldose reductase
AP1	activator protein 1
appr.	approximately
APS	ammonium persulphate
Arg	arginine
ATP12A	K-transporting ATPase (non-gastric)
BG1	very long-chain acyl-CoA synthase
BGHpA	bovine growth hormone transcription termination and polyadenylation
BMI	body mass index
CAM-PPAR $\delta$	constitutively active mouse PPAR $\delta$
CAT	catalase
CHX	cycloheximide
CIDE-A	cell death inducing DFF45-like effector A
CMVp	cytomegalovirus promoter
CoA	co-activator

Abbreviations

Abbreviation	Full name
ColE1	ColE1 origin of replication
CoR	co-repressor
cPPT	central poly-purine tract
DC	dendritic cell
DMSO	Dimethyl sulfoxide
DNA	Deoxyribonucleic acid
Dox	doxycycline
ECHB	3-ketoacyl CoA thiolase
EDTA	Ethylenediaminetetraacetic acid
E-GFP	Enhanced Green Fluorescent Protein
EMCV IRES	internal ribosomal entry site sequence of encephalomyocarditis virus
ERK	extracellular signal-regulated kinase
f1 ori	f1 origin of replication
FACS	Fluorescence Activated Cell Sorting
FC	fold change
FBS	fetal bovine serum
FCS	fetal calf serum
<i>gag</i>	lentiviral nucleocapsid shell protein
GAPDH	glyceraldehyde-3-phosphate dehydrogenase
h	hour
HB-EGF	heparin-binding epidermal-growth-factor-like growth factor
HLA	human leukocyte antigen
HPRT	hypoxanthine-guanine phosphoribosyltransferase
IFN- $\alpha$	interferon- $\alpha$
I $\kappa$ B	inhibitor of nuclear factor $\kappa$ B

Abbreviations

Abbreviation	Full name
iNOS	inducible nitric oxide synthase
IRES	internal ribosome entry site
JNK	Jun NH <sub>2</sub> -terminal kinase
K14	human keratin 14 promoter
KBM-2	Keratinocyte Basal Medium 2
KGM-2	Keratinocyte Growth Medium 2
KRT5	bovine keratin 5 promoter
KRT75	cytokeratin type II (K6HF)
LBD	ligand binding domain
LBP	ligand-binding pocket
LL	lipid ligand
Lys	lysine
MAPK	mitogen activated protein kinase
MHC	major histocompatibility locus antigen cluster
MMLV-RT	Moloney Murine Leukemia Virus Reverse Transcriptase
MOI	multiplicity of infection
M-PPAR $\delta$	murine peroxisome proliferator activator receptor delta
n.s.	non significant
n.t.	transcript not present or not detected on U95A microarray
NF- $\kappa$ B	nuclear factor- $\kappa$ B
NLS	nuclear localizing sequence
OACT5	O-acyltransferase domain containing 5
p65/RelA	Rel homology domain of NF $\kappa$ B p65 subunit
PASI	psoriasis area and severity index
<i>pol</i>	lentiviral polymerase

Abbreviations

Abbreviation	Full name
PPARs	Peroxisome proliferator activated receptors
PPAR $\delta$	peroxisome proliferator activated receptor delta
PPRE	peroxisome proliferator responsive element
PPT	poly-purine tract
PRE	Woodchuck hepatitis virus posttranscriptional regulatory element
<i>pro</i>	lentiviral protease
PSORS1	psoriasis susceptibility 1
qRT-PCR	quantitative real-time polymerase chain reaction
RARs	retinoic acid receptors
RCF	Relative Centrifugal Field
RNAi	RNA-interference
RPM	rotation per minute
RRE	rev response element
RT-PCR	Reverse transcription-polymerase chain reaction
rtTA	reverse tetracycline responsive transactivator
rtTA2S-M2	synthetic tetracycline-controlled transactivator
RXR	9-cis retinoic acid receptor
s.d.	standard deviation
SDS	Sodium dodecyl sulfate
SDS-PAGE	SDS-polyacrylamide-gel electrophoresis
SHARP	SMRT/HDAC (histone deacetylase) I-associated repressor protein
shRNA	short hairpin RNA
siRNA	small interfering RNA
SMRT	silencing mediator for retinoid and thyroid hormone receptors

## Abbreviations

Abbreviation	Full name
STAT3	signal transducer and activator of transcription 3
SV40p	SV40 promoter
SV40pA	SV40 transcription termination and polyadenylation
TCF/LEF	T-cell factor/lymphocyte enhancer factor
TEMED	N,N,N',N'-Tetramethylethylenediamine
TetO	tetracycline operator sequence
TGF- $\beta$ 1	transforming growth factor- $\beta$ 1
TIP-DC	TNF- and iNOS-producing dendritic cell
TNF $\alpha$	tumor necrosis factor alpha
TRE	tetracycline responsive element (promoter)
TBS	Tris-Buffered Saline
tTRKRAB	a fusion protein between the Krüppel-associated box (KRAB) domain and the tetracycline repressor
tTS-H4	a fusion protein between the human deacetylase 4 (HDAC4) carboxy-terminal silencing domain and the tetracycline repressor
VEGF-A	vascular endothelial growth factor A
VP16	the transactivation domain (78 amino acid residues, corresponding to 413–490 residues) of VP16 from Herpes simplex virus
$\Psi$	packaging signal