

A , ampere(s)	CFSE , carboxyfluorescein diacetate succinimidyl ester
Å , angstrom unit(s) [10–8 cm]	CFTR , cystic fibrosis transmembrane conductance regulator
aa , amino acid(s)	CFU , colony-forming unit
Ab , antibody	ChIP , chromatin immunoprecipitation
ABC , ATP-binding cassette	CHO , Chinese hamster ovary
AChR , acetylcholine receptor	Ci , curie(s)
ACTA , α -smooth muscle actin	CI , confidence interval
AIDS , acquired immunodeficiency syndrome	cM , centimorgan(s)
AMP , adenosine monophosphate (ADP, ATP)	CMP , cytidine monophosphate (CDP, CTP)
AMPK , AMP kinase	CNS , central nervous system
Ang I , angiotensin I (Ang II)	CoA , coenzyme A
ANOVA , analysis of variance	COX , cyclooxygenase
APC , antigen-presenting cell	cpm , count(s) per minute
apo , apolipoprotein (apoB, apoE)	CSA , colony-stimulating activity
ATPase , adenosine triphosphatase (AMPase, ADPase)	CSF , colony-stimulating factor
AU , arbitrary unit(s)	CSF1 , macrophage colony stimulating factor
AUC , area under the curve	CSF2 , granulocyte-macrophage colony stimulating factor
BAC , bacterial artificial chromosome	CSF3 , granulocyte colony stimulating factor
B2M , β 2 microglobulin	Ct , threshold cycle
bFGF , basic FGF	CT , computed tomography
BM , bone marrow	CTL , cytotoxic T lymphocyte
bp , base pair(s)	d , day(s)
BP , blood pressure	d , density
bpm , beat(s) per minute	3D , 3-dimensional
BrdU , bromodeoxyuridine	Da , dalton(s)
BSA , bovine serum albumin	DAPI , 4',6-diamidino-2-phenylindole
BSE , bovine spongiform encephalopathy	DC , dendritic cell
BTU , British thermal unit(s)	DEAE , diethylaminoethyl
BW , body weight	DMEM , Dulbecco modified Eagle medium
°C , degree(s) Celsius	DMSO , dimethylsulfoxide
cAMP , cyclic adenosine monophosphate (cGMP)	dpc , day(s) post coitum
CCL , CC chemokine ligand	dpm , disintegration(s) per minute
CCR , CC chemokine receptor	dsDNA , double-stranded DNA
cDNA , complementary DNA	DTT , dithiothreitol
CDP , cytosine diphosphate	E1 , embryonic day 1 (E2, E3)
CFA , complete Freund adjuvant	EAE , experimental autoimmune encephalomyelitis
CFC , colony-forming cell	

EBV , Epstein-Barr virus	GLUT , glucose transporter
EC , endothelial cell	gmol⁻¹ , molar mass
ECG , electrocardiogram, electrocardiography	GMP , guanosine monophosphate (GDP, GTP)
ECL , enhanced chemiluminescence	GPCR , G protein-coupled receptor
ECM , extracellular matrix	Gy , gray(s)
<i>E. coli</i> , <i>Escherichia coli</i>	h , hour(s)
ED50 , 50% effective dose	HA , hemagglutinin
EDTA , ethylenediamine tetraacetic acid	HBSS , Hanks balanced salt solution
EEG , electroencephalogram	H&E , hematoxylin and eosin
EGF , epidermal growth factor	HEPES , <i>N</i> -2-hydroxyethylpiperazine- <i>N'</i> -2-ethanesulfonic acid
EGFP , enhanced GFP	HGF , hepatocyte growth factor
EGFR , EGF receptor	HIF , hypoxia-inducible factor
EGTA , ethyleneglycol-bis-(β -aminoethylether)- <i>N,N,N',N'</i> -tetraacetic acid	HIV , human immunodeficiency virus (HIV-1, HIV-2)
ELISA , enzyme-linked immunosorbent assay	HMG , 3-hydroxy-3-methyl-glutaryl
EM , electron microscopy	HPLC , high-performance liquid chromatography
EMSA , electrophoretic mobility shift assay	HRP , horseradish peroxidase
eNOS , endothelial NOS	HSA , human serum albumin
ER , endoplasmic reticulum	HSC , hematopoietic stem cell
ERK , extracellular signal-regulated kinase	hsp , heat shock protein
ES , embryonic stem [cell]	HUVEC , human umbilical vein endothelial cell
°F , degrees Fahrenheit	IB , immunoblot
FasL , Fas ligand	ICAM , intercellular adhesion molecule
FBS , fetal bovine serum	ICOS , inducible costimulatory molecule
Fc , crystallizable fragment [of immunoglobulin molecule]	i.c.v. , intracerebroventricular(ly)
FCS , fetal calf serum	ID50 , 50% infective dose
FDA , Food and Drug Administration	IDL , intermediate-density lipoprotein
FFA , free fatty acid	IGF , insulin-like growth factor
FGF , fibroblast growth factor	IKB , inhibitor of NF κ B (IKBE, IKBB)
FISH , fluorescence in situ hybridization	i.m. , intramuscular(ly)
FITC , fluorescein isothiocyanate	i.n. , intranasal(ly)
ft , foot, feet	in. , inch(es)
g , gram(s)	iNOS , inducible NOS
g , unit(s) of gravity	i.p. , intraperitoneal(ly)
GABA , γ -aminobutyric acid	IP , immunoprecipitate, immunoprecipitated, immunoprecipitation
GAPDH , glyceraldehyde-3-phosphate dehydrogenase	IR , insulin receptor
GC , germinal center	IRS , IR substrate
GFP , green fluorescent protein	IU , international unit(s)

i.v. , intravenous(ly)	NFKB , nuclear factor kappa B
JAK , Janus kinase	NIH , National Institutes of Health
JNK , c-Jun NH ₂ -terminal kinase	NK , natural killer
°K , degrees Kelvin	NKT , natural killer T [cell]
kb , kilobase	NMDA , <i>N</i> -methyl-d-aspartate
kcal , kilocalorie(s)	NMR , nuclear magnetic resonance
K_d , dissociation constant	no. , number
kDa , kilodalton(s)	NO , nitric oxide
K_I , inhibition constant	NOD , nonobese diabetic
K_m , Michaelis-Menten constant	NOR , nonobese resistant
l , liter(s)	NOS , NO synthase
LN , lymph node	NP-40 , Nonidet P-40
lod , log odds ratio	NS , not significant
LPS , lipopolysaccharide	NSAID , nonsteroidal antiinflammatory drug
LUC , luciferase	nt , nucleotide(s)
LV , left ventricle, left ventricular	OCT , optimal cutting temperature [compound]
m , meter(s)	OD , optical density
M , molar	ORF , open reading frame
MALDI , matrix-assisted laser desorption/ionization	osm , osmole(s)
MAPK , mitogen-activated protein kinase	OVA , ovalbumin
Mb , megabase(s)	P , probability
MD , muscular dystrophy	P1 , postnatal day (P1, P2, P3)
MEK , MAPK kinase	PAGE , polyacrylamide gel electrophoresis
MEM , Eagle minimal essential medium	PAR , protease-activated receptor
MFI , mean fluorescence intensity	PAS , periodic acid–Schiff
MMP , matrix metalloproteinase	PBL , peripheral blood leukocyte
MOI , multiplicity of infection	PBMC , peripheral blood mononuclear cell
MOPS , 3-(<i>N</i> -morpholino)propanesulfonic acid	PBS , phosphate-buffered saline
Mr , relative molecular mass	PCR , polymerase chain reaction
ms , millisecond(s)	PDGF , platelet-derived growth factor
MS , multiple sclerosis	PDGFR , PDGF receptor
MW , molecular weight	PE , phycoerythrin
n , number in group	PET , positron emission tomography
N , normal [solution]	PFA , paraformaldehyde
N , total sample size	PFU , plaque-forming unit
NA , not applicable	pg , picogram(s)
NAD , nicotinamide adenine dinucleotide	PG , prostaglandin
NADH , reduced NAD	pH , hydrogen ion concentration
NADPH , reduced NAD phosphate	pl , isoelectric point
	PI3K , phosphatidylinositol-3'-kinase

PIPES , piperazine- <i>N,N'</i> -bis(2-ethanesulfonic acid)	SNP , single nucleotide polymorphism
PKC , protein kinase C (PKA, PKB)	SOCS , suppressor of cytokine signaling
PLC , phospholipase C	SOD , superoxide dismutase
PMA , phorbol myristate acetate	SREBP , sterol regulatory element-binding protein
PMSF , phenylmethylsulfonyl fluoride	SSC , standard saline citrate
PPAR , peroxisome proliferator-activated receptor (PPAR γ)	t , time
psi , pound(s) per square inch	t_{1/2} , half-life
PVDF , polyvinylidene difluoride	TBS , triethanolamine-buffered saline
r , correlation coefficient	TCA , tricarboxylic acid
RA , rheumatoid arthritis	Tg , transgene, transgenic
rad , radiation-absorbed dose	TGase , transglutaminase
RAG , recombination activating gene	Th , T helper [cell] (Th1, Th2)
rbc , red blood cell(s)	TLC , thin-layer chromatography
RFLP , restriction fragment length polymorphism	TLR , Toll-like receptor
RIA , radioimmunoassay	TOF , time of flight
RLU , relative light unit(s)	TPA , tissue plasminogen activator
RNAi , RNA interference	Treg , regulatory T cell
ROS , reactive oxygen species	Tris , tris(hydroxymethyl)-aminomethane
rpm , revolution(s) per minute	TRITC , tetra-rhodamine isothiocyanate
rRNA , ribosomal RNA	TUNEL , terminal deoxynucleotidyl transferase-mediated dUTP nick end-labeling
RT , reverse transcriptase	TXA , thromboxane A
RU , resonance unit(s)	U , unit(s)
RV , right ventricle, right ventricular	UMP , uridine monophosphate (UDP, UTP)
s , second(s)	UV , ultraviolet
SARS , severe acute respiratory syndrome	V_{max} , maximum velocity
s.c. , subcutaneous(ly)	vol , volume
SCF , stem cell factor	VSMC , vascular smooth muscle cell
SCID , severe combined immunodeficiency disease	VWF , von Willebrand factor
SD , standard deviation	wbc , white blood cell(s)
SDS , sodium dodecylsulfate	WHO , World Health Organization
SEM , standard error of the mean	wk , week(s)
shRNA , short hairpin RNA	wt , weight
siRNA , small, interfering RNA	yr , year(s)
SIV , simian immunodeficiency virus	
SLE , systemic lupus erythematosus	
SMA , smooth muscle actin	
SMC , smooth muscle cell	