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ABBREVIATIONS

11 HSD-1:	11-hydroxysteroid dehydrogenase-1
α_2Col6:	α_2 chain of collagen 6
ACBP:	AcylCoA binding protein
ACC:	AcetylCoA carboxylase
ACE:	Angiotensin-converting enzyme
ACF:	Aberrant crypt focus
ACRP30:	Adipocyte complement-related protein of 30 kDa
ACS:	AcylCoA synthase
ACTH:	Adino-cortico-trophic hormone
ADD1:	Adipocyte determination- and differentiation- dependent factor-1
ADRF:	Adipocyte derived relaxing factor.
ADSF:	Adipose tissue specific secretory factor
AgRP:	Agouti-related peptide.
AHA:	American Heart Association
AMPc:	Cyclic AMP
AMPK :	Adenosine mono-phosphate kinase
AQP7:	Aquaporin 7
ArKO mouse:	Aromatase deficient mouse
ASP:	Acylation stimulating protein.
AT₁, AT₂:	Angiotensin receptors 1,2
ATP:	Adult Treatment Panel
ATP-CL:	ATP-citrate lyase
bHLH:	Basic-helix-loop-helix
BMI:	Body mass index
C/EBP:	CCAAT/enhancer binding protein

CART:	Cocaine- and amphetamine-regulated transcript
CCK :	Cholecystokinin
CETP:	Cholesteryl ester transfer protein
CNS :	Central nervous system
CORS-26:	Collagenous repeat containing sequence of 26 kDa protein
COX-1 and COX-2:	Cyclooxygenases.
CRC:	Colorectal carcinoma
CRH :	Corticotropin-releasing hormone
CS:	Citrate synthase
DGAT	Diacylglycerol acyltransferase
DR-1-Motif	Direct repeat of the nuclear receptor hexameric DNA core recognition motif spaced by one nucleotide
ECM	Extracellular matrix
ECM:	Extracellular matrix;
EGR2:	Early growth response 2
eNOS:	endothelial nitric oxide synthase
ER:	Endoplasmic reticulum
ES:	Embryonic stem
FA:	Fatty acid.
FABP:	Fatty acid binding protien
FAS:	Fatty acid synthase
FATP:	Free fatty acid transporter protein
FFA:	Free fatty acid
FIZZ3:	Fond in inflammatory zone.
Foxa2:	Forkhead box A2
Foxo1:	Forkhead box O1
FSH:	Follicle-stimulating hormone
GATA-2 and GATA-3:	GATA-binding protein-2 and -3
GBP28:	Gelatin-binding protein of 28 kDa

GH:	Growth hormon
GHRH:	Growth hormone releasing hormone
GLP-1:	Glucagon-like peptide 1
Glut-4:	Glucose transporter-4.
GM-CSF:	Granulocyte-macrophage colony-stimulating factor
GPDH:	Glycerol-3-phosphate dehydrogenase
HGF:	Hepatocyte growth factor
HLP IIItype:	III Hyperlipoproteinemia
HOMA:	Homeostasis Model Assessment
HPA:	Hypothalamic-pituitary axis
HSL:	Hormone sensitive lipase
IBMX:	Isobutylmethylxanthine
ICAM-1:	Adhesion molecule-1
IGF-I:	Insulin-like growth factor I
IgG:	Immunoglobulin G
IKK:	IkappaB kinase
IL-10:	Interleukin-10
IL-6:	Interleukin- interleukin-6
IL-8:	Interleukin-8
iNOS:	Inducible nitric oxide synthase
IRS-1:	Insulin receptor substrate-1
JNK:	c-Jun NH ₂ –terminal kinase
KDa:	Kilo Daltone
Kg :	Kilogram
KLF5:	Krüppel-like transcription factor 5
LCAT:	Lecithin :cholesterol acyltransferase
LDL:	Low-density lipoprotein
LEPR:	Leptin receptor
LH:	Leutinizing hormon
LPL:	Lipoprotien lipase

LPS:	Lipopolysaccharides
MAPK:	Mytogen activated protein kinase
MCP-1:	Monocyte chemoattractant protein-1
ME:	Malic enzyme
MIX:	Methylisobutylxanthine
MSH:	Melanocyte Stimulating Hormon
NCEP:	National Cholesterol Education Program
NFκB:	Nuclear factor kappaB.
NHLBI:	the National Heart, Lung, and Blood Institute
nM:	Nanometer
NO:	Nitric oxide
NPY:	Neuropeptide Y
Ob-R(a,b,c,d,e):	Leptin receptors
OSA:	Obstructive sleep apnea
oxLDL:	Oxidized Low Density Lipoproteins
PAI-1:	Plasminogen activating inhibitor-1
PDH:	Pyruvate dehydrogenase
PGE2:	Prostaglandine E2
PGI2:	Prostaglandine I2
PI3K:	The Phosphatidylinositol 3-kinase
PKA:	Protein kinase A
PLTP:	Phospholipid transfer protein
POMC:	Pro-opiomelanocortin
PPAR-γ:	Peroxisome proliferator-activated receptor-γ;
PPREs:	PPAR response elements
pref-1:	preadipocyte factor-1
Pref-1:	Preadipocyte factor-1
PYY:	Peptide YY
RA:	Retinoic acid
RAAS:	Renin angiotensin-aldosterone system.

Rb:	retinoblastoma protein
RELM:	Resistin-like molecule
r-metHuLeptin:	Recombinant methionyl human leptin
ROS:	Reactive oxygen species
RXR:	Retinoid X receptor
SMAD-3:	Drosophila homolog 3
SOCS-3:	Suppression of cytokine signalling-3
SREBP1:	Sterol regulatory element binding protein-1
T4:	Thyroxine
TAG:	Triacyleglycerol
TAZ:	PDZ-binding motif
Tg mouse:	Transgenic mouse
TG:	Triglyceride
TGFβ:	The transforming growth factor beta
TNFR I and II:	Tumour necrosis factor α receptors I , II
TNFα:	Tumour necrosis factor α
tPA:	Tissue-type plasminogen activator
TSH :	Thyroid stimulating hormon
TZD:	Thiazolidinedione
uPA:	Urokinase-type plasminogen activator
VEGF:	Vascular endothelial growth factor
VLDL:	Very low density lipoproteins
WAT:	White adipose tissue
WHO:	World Health Organization.
WHR:	Waist-hip ratio
Wnt-10b:	Wingless-type MMTV integration site family member 10b.
WOSCOPS:	West of Scotland Coronary Prevention Study