

10 Abbreviation Index

AMPK	AMP-activated protein kinase
ANP	Atrial natriuretic peptide
APS	Ammonium persulfate
ATP	Adenosine-5'-triphosphate
AC	Absolute Call
A	Absent
Affy_ID	Affymetrix chip index number
Ava	Average
BLAST	Basic local alignment tool
BNP	Brain natriuretic peptide
bp	Base pair (s)
BSA	Bovine serum albumin
Cd36	Fatty acid translocase
CDDC	DCM with cardiac conduction system disease
Cdk	Cyclin-dependent kinases
CHF	Congestive heart failure
CPT1	Carnitine palmitoyltransferase I
CT	Change Threshold
dATP	2'-deoxy-cytidine-5'-triphosphate
DCM	Dilated cardiomyopathy
dCTP	2' -deoxy-cytidine-5'-triphosphate
DEPC	Diethyl-pyrocarbonate
dGTP	2' -deoxy-guanosine-5'-triphosphate
DNA	Deoxyribonucleic acid
DNase	Deoxyribonuclease
DC	Difference call
D	Decreased
dNTP	Deoxynucleoside triphosphate
DTT	1,4-dithiothreitol
dTTP	2'-deoxynucleoside-5'-triphosphate
Dpos	Difference Positive
E.coli	Escherichia coli
EDTA	Ethlene-diamine-tetraacetic acid
e.g.	Exempli gratia
F	Foward
FA	Formaldehyde agarose
FAO	Fatty acid β -oxidation
FATP	Fatty acid transport protein
FC	Fold change
g	Gram
GSP	Gene specific primers
h	Hour
HCM	Hypertrophic cardiomyopathy
IPTG	Isopropyl β -D-1-thiogalactopyranoside
ID	Index number

I	Increased
Kb	Kilobase pair (s)
KS-test	Kolmogorov-Smirnov test
LB	Luria-Bertani medium
LCFA	Long chain fatty acids
LVH	Left ventricular hypertrophy
LVNC	Left ventricular noncompaction
MAPK	Mitogen-activated protein kinase
MCAD	Medium chain acyl-CoA dehydrogenase
MTP	Mitochondrial trifunctional protein
MES	2-Morpholinoethanesulfonic
MHC	Myosin heavy chain
mg	Milligram
ml	milliliter
mult	Multiplier
MM	Mismatch
M	Marginal
MD	Marginally Increased
MI	Marginally Decreased
μl	Microlitre
MOPS	Morpholinopropane sulfonic acid
mRNA	messenger RNA
Min	Minimum
Max	Maximum
NCBI	National Center for Biotechnology information
NC	No Change
nm	Nano meter
NO	Nitric oxide
NOS	Nitric oxide synthase
Neg	Negative
nt	Nucleotide
Dneg	Difference Negative
OD	Optical density
ORF	Open reading frame
PAGE	Polyacrylamide gel electrophoresis
PBS	Phosphate buffered saline
PCR	Polymerase chain reaction
PPAR	Peroxisomal proliferating activating receptors
Pos	Positive
PM	Perfect Match
P	Present
PCT	Percent Change Threshold
PP	probe pairs
RACE	Rapid amplification of cDNA ends
RNA	Ribonucleic acid
RNase	Ribonuclease
rRNA	Ribosomal RNA

RT	Reverse transcriptase
RXR	Retinoid X receptor
SDS	Sodium dodecyl sulphate
SHHF; C	Spontaneously hypertensive heart failure prone rat
SHR; S	Spontaneously hypertensive rat
SHRSP; SP	Stroke-Prone Spontaneously Hypertensive Rat
SMART	Switching Mechanism At 5' end of RNA Transcript
SSH	Subtractive suppressive hybridization
SDT	Statistical Difference Threshold
SRT	Statistical Ratio Threshold
TAE	Tris-acetate-EDTA
TBE	Tris-Borate-EDTA
TEMED	N, N, N', N' - tetramethy-ethylene-diamine
TNF	Tumor necrosis factor
Tris	Tris (hydroxymethyl)-amino-methane
Tris·Cl	Trizma hydrochloride
U	Units
UPM	Universal Primer Mix
UV	Ultraviolet
VLCAD	Very-long-chain acyl-CoA dehydrogenase
w/v	Weight/volume
WKY; W	Wistar-Kyoto
X-Gal	5-bromo-4-chloro-3-indolyl- β -D-galactoside