

ABBREVIATIONS

ARE	Antioxidant response elements
Bach1	BTB and CNC homology 1
BCA	Bicinchoninic acid
BSA	Bovine serum albumine
CAM	Complementary and Alternative Medicine
cDNA	Complementary DNA
CHC	Chronic hepatitis C
DMEM	Dulbecco's modified Eagle's medium
DMSO	Dimethyl sulfoxide
DNA	Deoxyribonucleic acid
ER	Endoplasmic reticulum
E-1	Internal ribosome entry site of the encephalomyocarditis virus
FBS	Fetal bovine serum
GAPDH	Glyceraldehyde-3-phosphate dehydrogenase
HCV	Hepatitis C virus
HCC	Hepatocellular carcinoma
HO-1	Heme oxygenase-1
IRF	Interferon response factor
ISGF	Interferon stimulated gene factor
IFN-α	Interferon-alpha
ISRE	Interferon stimulated response element
JAK	Janus Kinase
JFH-1	Japanese Fulminant Hepatitis-1
kb	Kilo-base
kDa	Kilo Dalton
MAPK	Mitogen-activated protein kinase
μg	Micro gram
μL	Micro liter
μM	Micro molar

mL	Milliliter
mRNA	Messenger RNA
MTT	3-[4,5-dimethylthiazol-2-yl]-2,5-diphenyl tetrazolium bromide
Neo	Neomycin phosphotransferase gene
NF-κB	Nuclear factor-kappa B
NTR	Non-translated regions
Nrf2	Nuclear factor erythroid 2-related factor 2
OD	Optical density
ORF	Open reading frame
PBS	Phosphate-buffered saline
qRT-PCR	Quantitative real time polymerase chain reaction
RNA	Ribonucleic acid
ROS	Reactive oxygen species
SI	Silymarin
ssRNA	Single-strand RNA
SOCS	Suppressor of cytokine signaling
STAT	Signal transducers and activators of transcription
U	Units
wt	Wild type
Zeo	Zeocin resistance gene