AMINO ACID SUBSTITUTION IN HEPATITIES C VIRUS CORE AND GENETIC VARIATION IN INTERLEUKIN 28BGENE AND THEIR CORRELATION TO INTERFERON TREATMENT FAILURE IN CHRONIC HCV EGYPTIAN PATIENTS

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List of Abbreviations

aa :amino acids

ALT : Alanine transaminase

AST : Aspartate transaminase

BSF-2 : B-cell stimulatory factor-2

CHC : Chronic hepatitis C virus

CRF: Cytokine receptor family

D.Bil : Direct bilirubin

DNA : Desoxyribo nucleic acid

dsRNA : double-stranded RNA

EDF : Eosinophil differentiation factor

FDA: Food and Drug Administration

FRET : Fluorescence resonance energy transfer

GCSF : Granulocyte colony-stimulating factor

GMCSF: Granulocyte-macrophage colony stimulating factor

GWAS: Genome-wide association studies

HAV : Hepatitis A virus

☐List of Abbreviations ₹

Hb : Hemoglobin

HBV : Hepatitis B virus

HCC: Hepatocellular carcinoma

HCV : Hepatitis C virus

HDV : Hepatitis D virus

HIV : Human Immunodeficiency Virus

HOMA-IR: Homeostasis model assessment-Insulin Resistance

IFNs : Interferons

Ig : Immunoglobulin

IL : Interleukin

IL28B : Interleukin 28B gene

Ind.Bil: Indirect bilirubin

IPC : Internal Positive Control

IR : Insulin resistance

IRES: Internal ribosome entry site

IRS : Insulin receptor substrate

ISDR : IFN-sensitivity-determining region

ISGF3 : IFN-stimulated gene factor 3

☐ List of Abbreviations ₹

ISGs : Interferon-stimulated genes

LFTs : liver function tests

MGF : Myelomonocytic growth factor

MHC : Major histocompatibility complex

NK : Natural killer

NPV : Negative predictive value

NS : Non-structural

NS3-4A : Serine protease

NVR : Non-virological response

PBMCs : Peripheral blood mononuclear cells

PCR : Polymerase chain reaction

Peg IFN: Pegylated interferon

PPV : positive predictive value

qRT-PCR : Real time PCR

RBV : Ribavirin

RNA : Ribonucleic acid

Rntp : Ribonucleoside triphosphates

RT-PCR: Reverse-transcriptase polymerase chain reaction

☐List of Abbreviations ₹

SNP : Single nucleotide polymorphism

SOCS : Suppressor of cytokine signalling

STAT: Signal transducer and activator of transcription

SVS : Sustained virological response

T.Bil : Total bilirubin

Th : T helper

TLC : Total leucocyte count

TLRS : Toll Like Receptors

TM : Transmembrane

UTR : Untranslated region

VAP : Vesicle associated membrane protein

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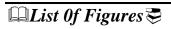
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