

# Appendix I- Abbreviations

A	Adenine or adenosine; alanine
Aa	Amino acid
Arg	Arginine
Asp	Aspartate/Aspartic acid
Asn	Asparagine
C	Cytosine or Cytidine; Cysteine
CAI	Codon Adaptation Index
CDS	Coding sequences
CGI	CpG Island
COI	Mitochondrially encoded cytochrome c oxidase I
COII	Mitochondrially encoded cytochrome c oxidase II
COIII	Mitochondrially encoded cytochrome c oxidase III
CYB	Mitochondrially encoded cytochrome b
DNA	Deoxyribo nucleic acid
ds	Double stranded
ENC	Effective number of codon
G	Guanine or guanosine
Gln	Glutamine
Glu	Glutamate
Gly	Glycine
His	Histidine
Ile	Isoleucine
kDA	Kilo Dalton
Leu	Leucine
Lys	Lysine
Met	Methionine
MDR	Multi drug resistance
MT-ATP6	Mitochondrially encoded ATP synthase 6

Continued

MT-ATP8	Mitochondrially encoded ATP synthase 8
MT-ND1	Mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 1
MT-ND2	Mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 2
MT-ND3	Mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 3
MT-ND4	Mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 4
MT-ND4L	Mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 4L
MT-ND5	Mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 5
MT-ND6	Mitochondrially encoded NADH:ubiquinone oxidoreductase core subunit 6
ORF	Open Reading Frame
OR	Odds Ratio
Phe	Phenyl alanine
Pro	Proline
RC	Respiratory Chain
RSCU	Relative synonymous codon usage
Ser	Serine
Thr	Threonine
Trp	Tryptophan
Tyr	Tyrosine
Val	Valine
WHO	World Health Organization