ABBREVIATIONS

miRNA - microRNA
ncRNA - non coding RNA
snRNA - small nuclear RNA
snoRNA - small nucleolar RNA
piRNA - piwi like RNA
sRNA - small RNA
tRNA - transfer RNA
mRNA - mssenger RNA
srp - signal recognising particle
pre-miRNA - precusor miRNA
rRNA - ribosomal RNA
NGS - Next generation sequencing
RNP - ribonucleoprotein
RBP – RNA binding protein
RISC - RNA induced silencing complex
AGO - Argonaute
TNF - Tumor necrosis factor
PLL – poly-L-lysine
TPA - trypaflavine
NAC - N-acetyl cystein
AHA - Amino Homo alanine
ROS - reactive oxygen species
ATP - Adenosine triphosphate
MMP - Mitochondrial membrane potential
OXPHOS - oxidative phosphorylation
PINK - PTEN-induced putative kinase 1
CLUH - clustered mitochondria homolog
mtDNA – mitochondrial DNA
HK2 – hexokinase 2
PKM2 – Pyruvate kinase
PGAM1 – phosphoglyceromutase
ER- endoplasmic reticulum
FASTKD5 - FAST kinase domains 5
RPSP9 - Ribosomal protein S9
NDUFS2 - NADH: ubiquinone oxidoreductase subunit 2
NDUFA10 - NADH: ubiquinone oxidoreductase subunit A10
NAT – Non Tumorous adjacent tissue
qPCR- quantitative polymerase chain reaction
IGA - In Gel Activity
TMRM - Tetramethylrhodamine, methyl ester
BN-PAGE-Blue native polyacrylamide gel electrophoresis
SC - Super Complex
DAVID - Database for Annotation, Visualization and Integrated Discovery
GO – gene ontology
GEO – Gene expression Omnibus
KEGG - Kyoto Encyclopedia of Genes and Genomes
NGEMP- nuclear genome encoded mitochondrial proteins
nmRNAmp - nuclear genome transcribed RNA of mitochondrial proteins