

LIST OF ABBREVIATIONS

DTT	1,4 Dithiothreitol
2D-PAGE	Two dimensional – polyacrylamide gel electrophoresis
Bp	base pair(s)
DTNB	5, 5'-dithiobis-(2-nitrobenzoic acid)
EGFP	Enhanced green fluorescent protein
EMS	Ethyl methane sulfonate
ER	Endoplasmic reticulum
ETC	Electron transport chain
IEF	Isoelectric focussing
Kb	Kilobase (s)
kDa	Kilodalton
LB	Luria broth
MALDI-TOF	Matrix assisted laser desorption-time of flight
MS	Mass spectrometry
MSH	Micethiol
MUT	mutant (CatalaseA)
OD	Optical density
PCR	Polymerase chain reaction
PMSF	Phenylmethyl sulfonyl fluoride
ROS	Reactive oxygen species
RT-PCR	Reverse transcriptase-Polymerase chain reaction
SDS-PAGE	Sodium dodecyl sulfate - polyacrylamide gel electrophoresis
UPR	Unfolded protein response
WT	Wild type
YEME	Yeast extract malt extract