

LIST OF ABBREVIATIONS

ANS	(1-Anilino 8-Naphthalene sulphonic acid)
BAL	β -lactamase gene
Bis-ANS	4,4'-Bis (1-anilinonaphthalene 8-sulfonate)
Bp	base pair (s)
CD	Circular dichroism
DAB	3,3'-Diaminobenzidine
DTT	Dithiothreitol
E64G	Glutamic acid 64 Glycine, Glu 64 Gly
F45W	Phenylalanine 45 Tryptophan, Phe 45 Trp
FRET	Fluorescence Resonance Energy Transfer
GdmCl	Guanidine hydrochloride
IPTG	Isopropyl β -D thio galactopyranoside
Kb	kilobase (s)
kDa	Kilodalton
LB	Luria broth
PCR	Polymerase chain reaction
PEI	Polyethylenimine
PMSF	Phenylmethylsulfonyl fluoride
Q2N	Glutamine 2 Asparagine, Gln 2 Asn
S65D	Serine 65 Aspartic acid, Ser 65 Asp
SDM	Site Directed Mutagenesis
SKF	Synthetic ubiquitin gene
Ub	Ubiquitin
UPS	Ubiquitin proteasome system
Wt	Wild type
X-Gal	5-Bromo-4-chloro-3-indolyl- β -D galactopyranoside
YUb	Yeast ubiquitin