

List of Abbreviations

ANS	1-Anilino 8-Naphthalene sulphonic acid
APC/C	Anaphase Promoting Complex
BIR	Baculoviral inhibitor of apoptosis repeat
bp	Base pair
CD	Circular dichroism
CDC34	Cell division cycle 34
E1	Ubiquitin activating enzyme
E2	Ubiquitin conjugating enzyme
E2~Ub	E2 conjugated to Ub
E3	Ubiquitin ligase
E6AP	Ubiquitin protein ligase E3A or Ube3A
FANCD2	Gene encoding for Fanconi anemia
GdnHCl	Guanidine hydrochloride
HECT	Homologous to E6AP Carboxy Terminus ligase
IPTG	Isopropyl β -D thio galactopyranoside
Kb	kilobase(s)
kDa	Kilodalton
NCBI	<i>National Center for Biotechnology Information</i>
nm	Nanometer
MHY501	Wild type strain of yeast
MHY508	Double deletion strain of yeast with Δ ubc4 Δ ubc5 mutation
PCR	Polymerase chain reaction
PDB	Protein Data Bank
PEI	Polyethylenimine
PMSF	Phenylmethylsulfonyl fluoride
PolyUb	Polyubiquitin
RING	Really Interesting New Gene
SCF	Cullin RING ubiquitin ligase
SD	Synthetic dextrose media
SDS-PAGE	Sodium dodecyl sulphate-polyacrylamide gel electrophoresis

Sic1	Inhibitor of cyclin complexes in yeast
Ub	Ubiquitin
UBA	Ubiquitin-Associated domain
UEV	Ubiquitin conjugating Enzyme Variant
UPS	Ubiquitin proteasome system
WT	Wild-type
YPD	Yeast extract peptone dextrose media
YWO5	Yeast strain with Δ ubc1 mutation

Abbreviations for amino acids

Amino acid	Three letter code	Single letter code	Amino acid	Three letter code	Single letter code
Alanine	Ala	A	Leucine	Leu	L
Arginine	Arg	R	Lysine	Lys	K
Asparagine	Asn	N	Methionine	Met	M
Aspartic acid	Asp	D	Phenylalanine	Phe	F
Cysteine	Cys	C	Proline	Pro	P
Glutamic acid	Glu	E	Serine	Ser	S
Glutamine	Gln	Q	Threonine	Thr	T
Glycine	Gly	G	Tryptophan	Trp	W
Histidine	His	H	Tyrosine	Tyr	Y
Isoleucine	Ile	I	Valine	Val	V