

# Abbreviations

**ATP** Adenosine-triphosphate  
**BSA** bovine serum albumin  
**CDC** cell division cycle  
***C. elegans*** *Caenorhabditis elegans*  
***D.melanogaster*** *Drosophila melanogaster*  
**DNA** deoxyribonucleic acid  
***E.coli*** *Escherichia coli*  
**ER** endoplasmic reticulum  
**GAP** GTPase activating protein  
**GFP** green fluorescent protein  
**GTP** Guanosine-triphosphate  
**IBB** importin b binding domain  
**IPTG** isopropyl-b-D-thiogalactopyranoside  
**NLS** nuclear localisation signal  
**OD** optical density  
**PAGE** polyacrylamid gel electrophoresis  
**PCR** polymerase chain reaction  
**Ran** Ras-like nuclear GTPase  
**Ras** Rous sarcoma  
**RCC1** regulator of chromatin condensation  
**RNA** ribonucleic acid  
**RNAi** RNA interference