Amino acid sequences of AtRPS1 (At5g30510), CS1 in spinach (accession number: M82923) and CreS1 in Chlamydomonas reinhardtii (accession number: AJ585191) were aligned using ClustalW (http://www.ebi.ac.uk/clustalw). Alignment was shaded using BoxShade (http://www.ch.embnet.org/software/BOX_form.html). Identical amino acid residues and conservative changes were depicted in black and grey background, respectively. Three S1 domains were labeled.