



**Fig. S1. Analysis of membrane and soluble fractions isolated from cells of WT and Cys26A, Cys29A and Cys26A/Cys29A mutants.** The membrane (MEM) and soluble (SOL) fractions were analysed using SDS PAGE, proteins electroblotted and Ycf48 and D1 were detected using specific antibodies. 1  $\mu$ g of Chl per membranes and corresponding amount of the soluble fraction were loaded for each sample.