



**Additional file 1. Purified recombinant phosphorylases.** Samples of purified recombinant proteins (3 $\mu$ g) were loaded on gradient 4-15% SDS-PAGE then Coomassie Blue stained. The recombinant cellobiose phosphorylase (CbpA) and CdpA, CdpB and CdpC have theoretical molecular weights of 93.5 kDa, 90.5, 91 and 94 kDa, respectively.