



Fig. S2. Multiple alignments of the selected bacterial alkaline proteases. DHAP (GI:38373994); Savi (subtilisin Savinase, PDB code: 1NDQ); BgAP (GI:227300899); SAPB (GI: 1869288); SubE (subtilisin E, PDB code: 1SCJ); SubN (subtilisin NOVO, PDB code: 2SBT); Carl (subtilisin Carlsberg, PDB code: 1SBC); WF146 (GI:34851156); S41 (psychrophilic subtilisin-like protease, PDB code: 2GKO); TA39 (psychrophilic subtilisin-like protease, GI: 40201). “s” represents beta sheet; “h” represents a helix. The substitution sites in red color are labeled.