



Additional file 1. SDS-PAGE analysis of recombinant SjGMDs. M: protein ladder; 1: non-induced expression of SjGMD1; 2: induced expression of SjGMD1 with 0.5 mM IPTG; 3: purified SjGMD1-MBP fusion protein; 4: SjGMD1 after factor Xa protease cleavage; 5: non-induced expression of SjGMD2; 6: induced expression of SjGMD2 with 0.1 mM IPTG; 7: purified SjGMD2-MBP fusion protein; 8: SjGMD2 after factor Xa protease cleavage.