

Supplementary Figure

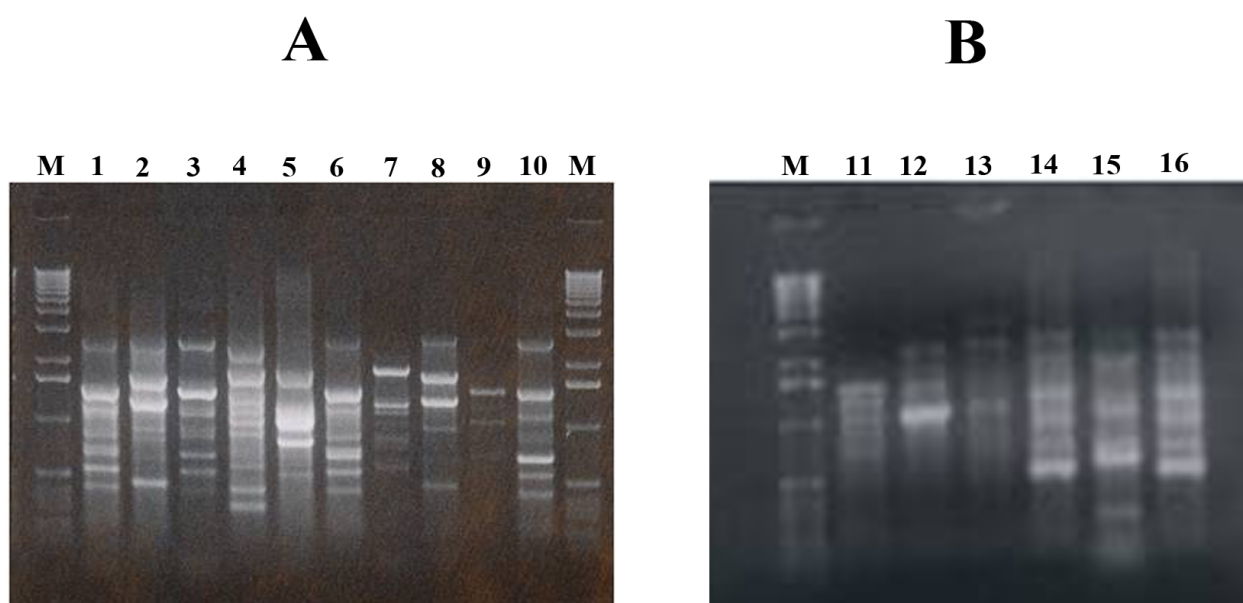


Fig. S1 BOX-PCR genomic fingerprinting of the gut bacterial isolates from A) females and B) males of *C. herbacea* using BOXA1-R primer. M, 1 Kb DNA Ladder Invitrogen; 1, CHF-B26; 2, CHF-G5; 3, CHF-B37; 4, CHF-PG1; 5, CHF-PG3; 6, CHF-B4; 7, CHF-PG4; 8, CHF-G14; 9, CHF-B16; 10, CHF-B17; 11, CHM-L11; 12, CHM-L21; 13, CHM-L22; 14, CHM-N25; 15, CHM-N28; 16, CHM-N31.

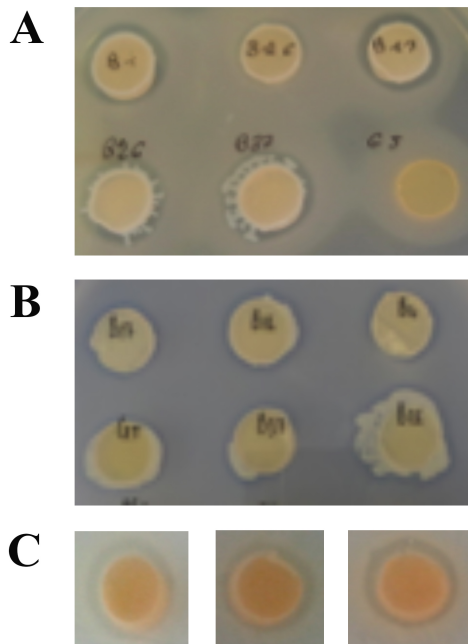


Fig. S2 Examples of antibacterial activities (demonstrated by halo of growth inhibition around assayed microorganism). **A**, Assayed bacteria: CHF-B4, CHF-B16, CHF-B17, CHF-B26, CHF-B37, CHF-G5; Tester bacterium: CHM-L11. **B**, Assayed bacteria: CHF-B4, CHF-B16, CHF-B17, CHF-B26, CHF-B37, CHF-G5; Tester bacterium: CHM-L11. **C**, Assayed bacterium: *A. mediterranei* S699; Tester bacteria (from left to right): CHM-L11, CHM-L21 and CHM-L22. For details refer to the Methods section.