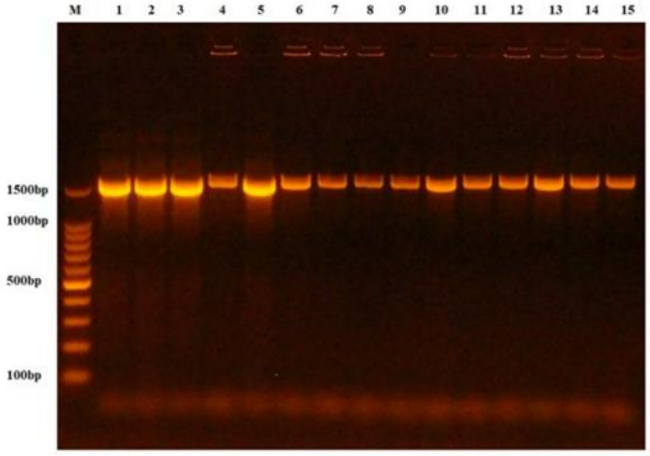
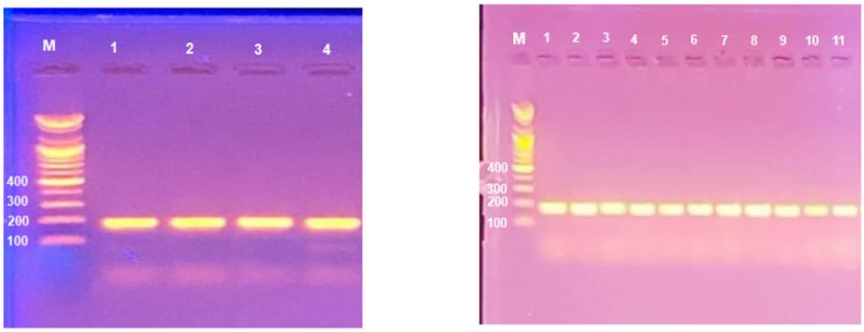


Supplementary Figure S1. Agarose gel electrophoresis analysis of the 16S rDNA amplified from the selected EXLAB. M: 100 bp ladder marker, Lanes 1-15 resemble 1500 bp PCR products, 1: R1, 2: R3, 3: R4, 4: R5, 5: R6, 6: R7, 7: G1, 8: G4, 9: G5, 10: G6, 11: G7, 12: Rh8, 13: Rh9, 14: Rh11, 15: Rh13.



Supplementary Figure S2. Agarose gel electrophoresis analysis of the amplified xylanase genes of the selected EXLAB. (a) Amplified 196 bp XylW xylanase gene of *W. confusa*, 1: R1, 2: R3, 3: R4, 4: R6; (b) Amplified 189 bp XylP xylanase gene of *P. pentosaceus*, 1: R5, 2: R7, 3: G1, 4: G4, 5: G5, 6: G6, 7: G7, 8: Rh8, 9: Rh9, 10: Rh11, 11: Rh13.