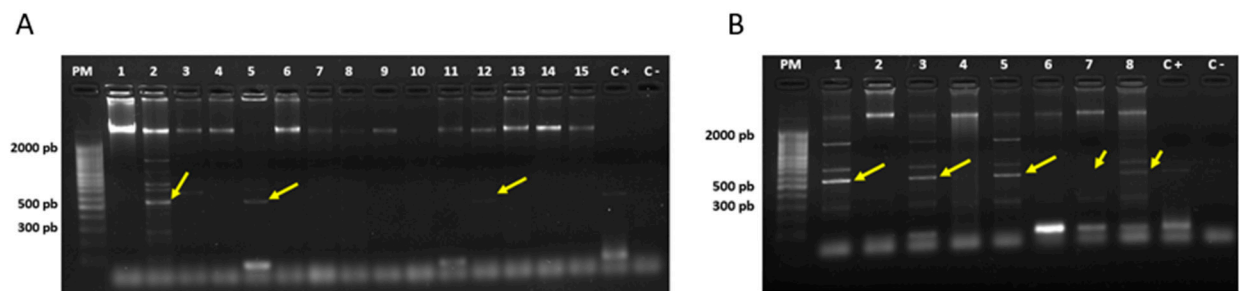
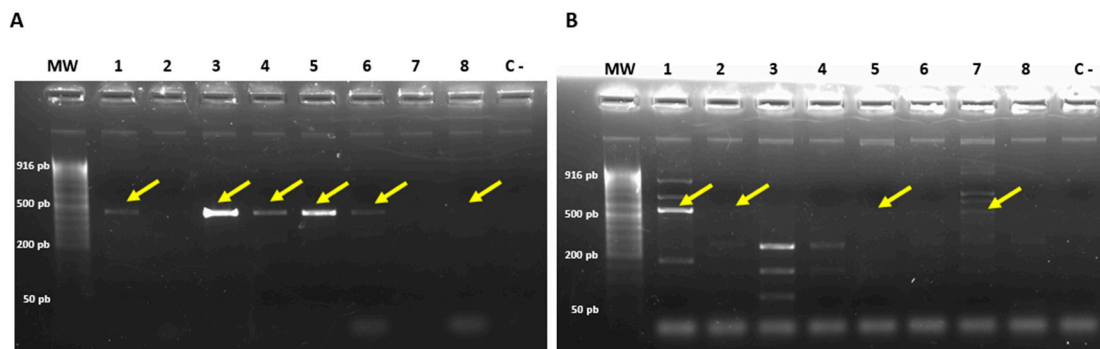


Supplementary Figure S1: Amplification of *pmoA* gene from non-methanotrophs isolates DNA by PCR.



Supplementary Figure S2: Amplification of *mxoF* gene from non-methanotrophs isolates DNA by PCR.



Supplementary Figure S3: Amplification of communities of methanotrophs and associated microorganisms DNA by PCR using specific oligonucleotides for *pmoA* (A) and *mxoF* (B) genes.