

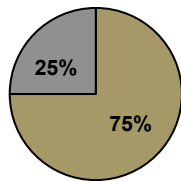
(a)**[FeFe] hydrogenase****[NiFe] hydrogenase****no
detection** *Thermogutta***(b)****ACD/ACSS****AckA****no
detection****no
detection** Unclassified *Planctomycetes*

Figure S6. Taxonomic composition at the genus level of the transcripts derived from the phylum Planctomycetes relevant to hydrogen generation ([FeFe] hydrogenase, [NiFe] hydrogenase) and acetate generation (ACD/ACSS; acetyl-CoA decarbonylase/synthase, ackA; acetate kinase) (b) in D layer of the W6 period. Data are shown as means of three replicates.