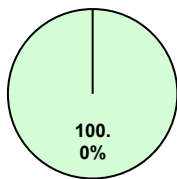
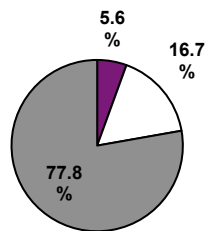
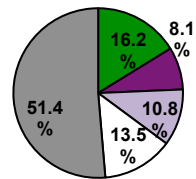
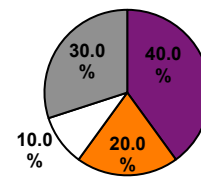


(a)**[FeFe] hydrogenase****[NiFe] hydrogenase****(b)****ACD/ACSS****AckA**

■ *Candidatus Koribacter*
■ *Candidatus Solibacter*
■ *Edaphobacter*
■ *Geothrix*
■ *Holophaga*
■ Other genera
 ■ unclassified *Acidobacteria*

Figure S3. Taxonomic composition at the genus level of the acidobacterial transcripts relevant to hydrogen generation ([FeFe] hydrogenase, [NiFe] hydrogenase) (a) 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.