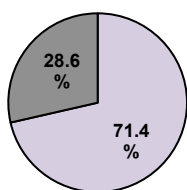
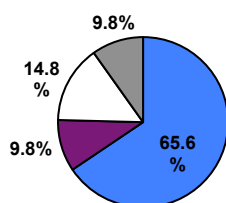
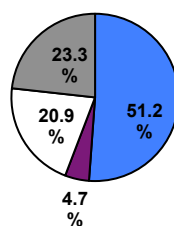
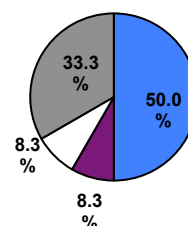


(a)**[FeFe] hydrogenase****[NiFe] hydrogenase****(b)****ACD/ACSS****AckA**

■ *Anaeromyxobacter* ■ *Geobacter* ■ *Desulfovibrio*
□ Other genera ■ unclassified *Deltaproteobacteria*

Figure S2. Taxonomic composition at the genus level of the deltaproteobacterial 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.