



**Supplementary Fig. S2.** The presence and/or absence of metabolic pathways was investigated in the genomes using orthologous groups of proteins that had EC numbers assigned, and with the MetaCyc database as a reference. This heatmap provides information about the presence of pathways that consists of >3 enzymes with EC numbers. Only pathways are shown of which at least 70% of the enzymes corresponding to a pathway are present in at least 1 of the genomes. Furthermore, pathways for which no differences were observed between the genomes are not shown. The colours give information about the fraction of enzymes that were detected pertaining to the different pathways ranging from red (no enzymes of the pathway detected) to dark blue (all enzymes of the pathway detected).