Supporting information legends

Fig S1. barplot of the six evaporite ponds analysed in this study for display the relative abundance of the very rare genera (abundance levels lower than 0.01%)

Fig S2. Principal coordinate analysis of the Beta diversity among the six evaporite ponds analysed in this study. A) Bray-Curtis distance B) Unifrac unweighted distance C) Unifrac weighted distance

Fig S3. Sloan neutral model predictions of the abundances of bacteria and archaea presents in the six evaporite ponds analysed in this study

Table S1 Pairwise distances among the six evaporite ponds sampled in this study estimated through three different distance metrics, Bray-Curtis, Unifrac unweighted and Unifrac weighted

Table S2. Contribution of the neutral process to the assemblage of bacterial communities analysed in this study