



**Fig. S1.** Correlations between the G+C content of 16S rRNA and each growth temperature ( $T_{min}$ ,  $T_{opt}$ , and  $T_{max}$ ) in thermophilic and hyperthermophilic ([A], orange, and orange line), and the other bacterial strains ([B], blue circle, and blue line). Correlation was determined using the Pearson correlation coefficients (R values).