



FIGURE S7.—Correlation between usage of A/T codon pairs and GC-content in archaeal genomes. A: average o/e ratios in three archaea groups. GC contents of the three archaea groups are GC%<40% for archaea I, 40%<GC%<50% for archaea II, and GC%>50%, for archaea III respectively. B: Correlation between GC-content and the number of significantly underrepresented A/T codon pairs in individual genomes ( $r=0.267$ ,  $P=0.0278$ ).