



**S1 Fig.** Standard curves of  $C_T$  values versus (A) thaumarchaeotal, (B) archaeal, and (C) bacterial 16S rRNA gene copy numbers. Solid lines indicate regression curves and error bars indicate standard deviations obtained in quadruplicate experiments. The  $R^2$  values of regression curves were 0.999 for *Thaumarchaeota*, 0.994 for *Archaea*, and 0.998 for *Bacteria*, respectively.