



Fig. S3 Linear correlation analysis plots. (a) Correlations between daytime/nighttime NH_4^+-N removal and $\text{PO}_4^{3-}-\text{P}$ removal with *Cyanobacteria* abundance; (b) Correlations between *Rhodanobacteraceae*, *Xanthomonadaceae*, and *Sphingomonadaceae* with E3 concentrations.