



Supplementary Figure S4. Arrhenius plots of the \ln prokaryotic production (\ln PHP) against the inverse absolute temperature ($1/T$) for a), c) surface and b), d) deeper parts of the mesopelagic (201–1,000 m) and bathypelagic (1,001–4,000 m) ocean. The error reported for the PHP grouped samples by 1°C bins represent the standard deviation. Solid lines represent the corresponding regression lines with the origin intercept and slope of the regression equations and their corresponding standard errors; R^2 , coefficient of determination. The inset in each graph shows the raw data for each depth layer.