



Figure S3. Cell growth and biomass in the environmental photobioreactor (ePBR). A, *N. oceanica* (*Noc*) cells were inoculated to $\sim 1 \times 10^6 \text{ mL}^{-1}$ and incubated in the environmental photobioreactor containing modified f/2 media with NH₄Cl, KNO₃, or urea as N source. L1-6, day 1-6 of log phase; S1 and 2, day 1 and 2 of stationary phase. The average of three biological replicates and standard deviation are shown ($n = 3$). B, Dry weight per L of cells grown in different f/2 media. $n = 3$. C, Cell growth during S1-8 in f/2-NH₄Cl. $n = 3$. D, Cell dry weight during S1-8 in f/2-NH₄Cl. $n = 3$.