

Supplementary materials

Biogenic Phosphonate Utilization by Globally Distributed Diatom *Thalassiosira pseudonana*

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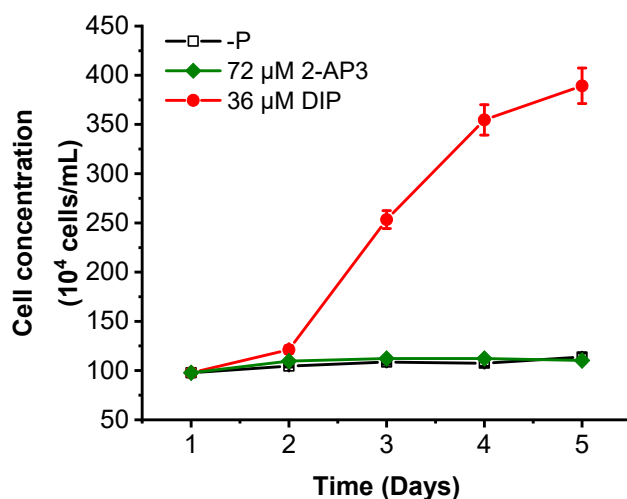


Figure S1. Growth curve of *P. tricornutum* under 2-AP3 treatment.

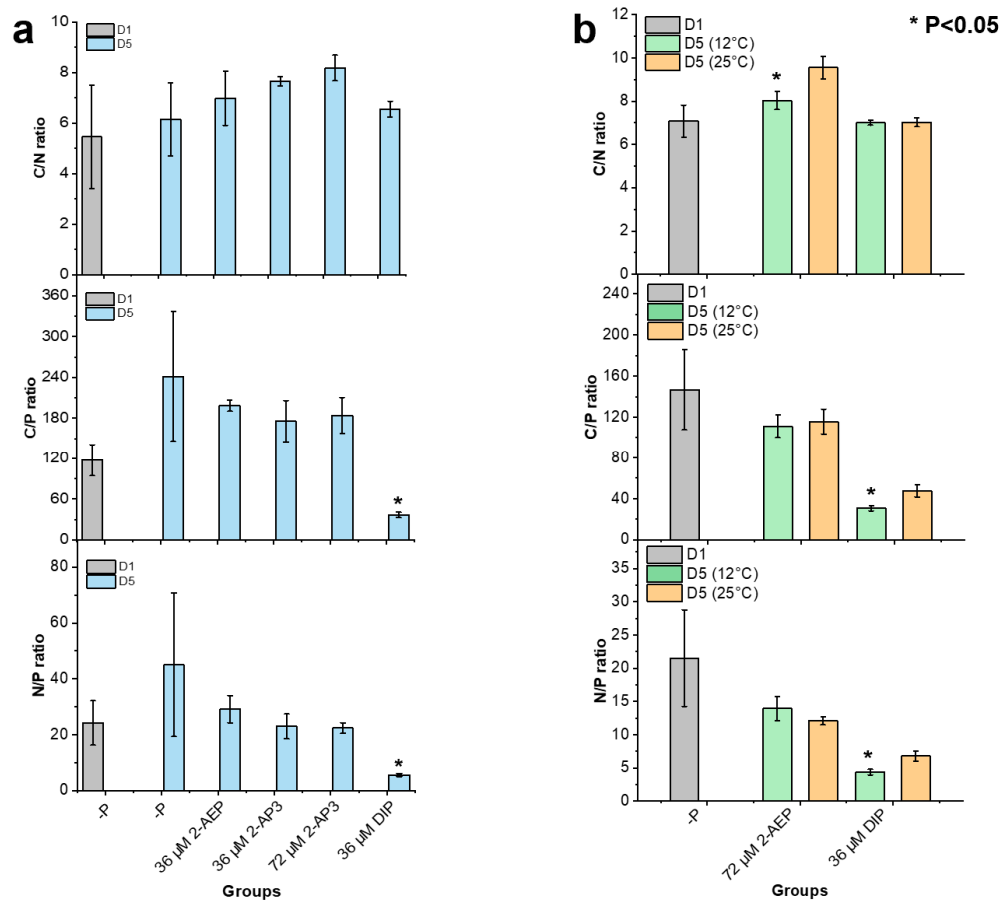


Figure S2. Stoichiometry of *T. pseudonana* under different phosphorus (a) and temperature (b) conditions. * represent the significant difference between (a) P-depleted and other phosphorus treated group, and (b) between 12 °C and 25 °C.

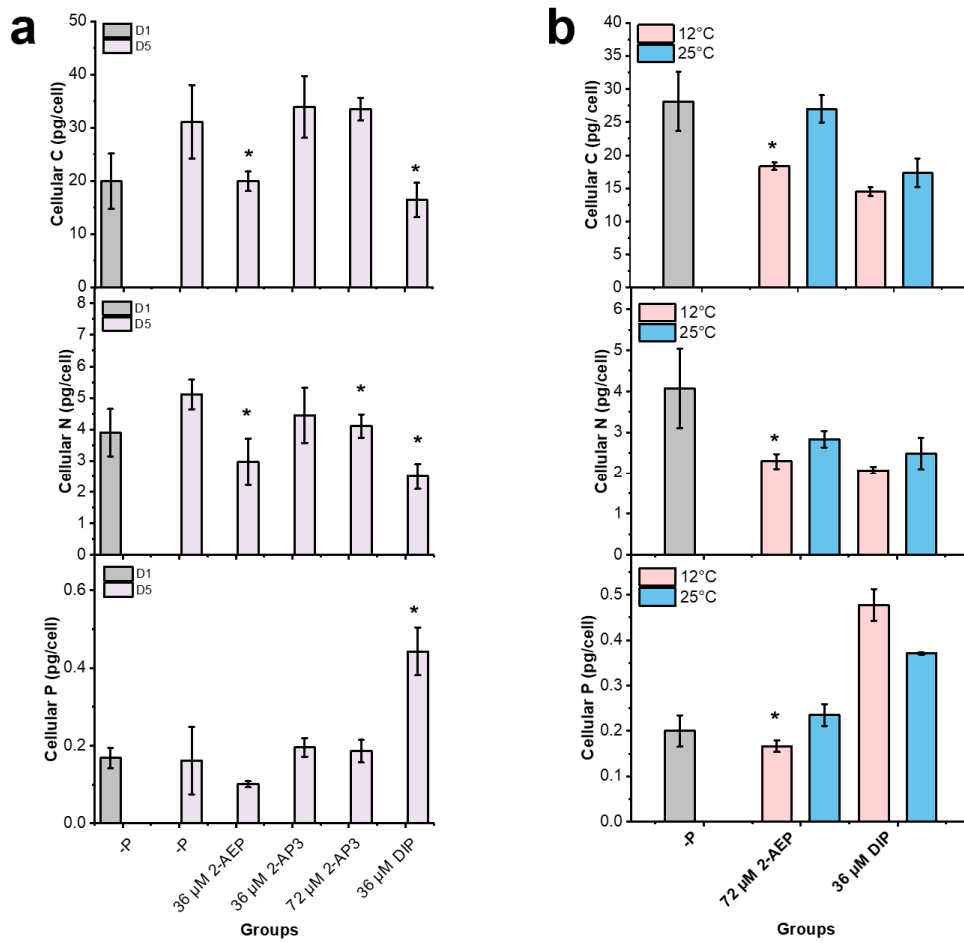


Figure S3. Variations of cellular C, N and P under different phosphorus (a) and temperature (b) conditions. * represent the significant difference ($p < 0.05$) between (a) P-depleted and other phosphorus treated group, and (b) between 12 °C and 25 °C.