

Description of Additional Supplementary Files

File name: Supplementary Datasheet 1

Description: Rate and error-propagation calculations for nitrogen fixation rates and specific N₂-uptake.

File name: Supplementary Datasheet 2

Description: Rate calculations for carbon fixation rates.

File name: Supplementary Datasheet 3

Description: Data from the quantitative PCR of *nifH* from three non-cyanobacterial diazotroph assays: Beta-Arctic1, Gamma-Arctic1, and Gamma-Arctic2.