

Dear Editor,

Thank you for dedicating your time on our manuscript and your positive comments on our work and the revisions.

For your comment on Line 143: please add the water volume filtered to get sufficient amount of DNA. Here is our revision.

In Line 117-121, we clarified as: “For water sampling of each lake, surface water samples were collected at a depth of 0.3 to 0.5 m in three acid-clean bottles. For microbial analysis, 200 mL of water from each bottle was filtered using a 0.2- μ m polycarbonate membrane filter (Whatman, UK) for DNA extraction. For each lake, three filters were combined into one composite sample for DNA extraction.”

In Line 143, we clarified as: “..., and water (membrane filters by filtering 600 mL lake water in total) samples according to the manufacturer's protocols.”

Thanks again for your time and expertise in evaluating our work.

Best Regards,

Ze Ren on behalf of all co-authors.