

Review of: "The Role of Metabolic Strategies in Determining Microbial Community Diversity along Temperature Gradients"

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Potential competing interests: No potential competing interests to declare.

- Inclusion of Diverse Microbial Groups: Expand the study to include archaea, fungi, and viruses to gain a fuller understanding of microbial diversity and interactions. Investigate how different taxonomic groups contribute to ecosystem functions and how their metabolic traits influence community dynamics.
- Enhance Empirical Validation Field Studies: Conduct extensive field studies across various ecosystems to validate model predictions. Collect real-world data on microbial community composition, metabolic traits, and their responses to temperature variations under natural conditions.