

Dear Editor,

we would like to thank you for your remarks.

We have clarified all the issues in the abstract and in the discussion. We have added additional comments and three more references.

We know that the bacteriophages studied here may not be present in sedimentation environments. However, as the study is the preliminary investigation, we chose two distinctly different bacteriophages, which are quite easy to cultivate.

We want to emphasise that Enterobacteria phage P1 belongs to *Caudovirales*. This group includes very common tailed bacteriophages that exist in nature, and thus the P1 bacteriophage was an example of that abundant group.

Furthermore, we did the metagenomic analysis of sedimentation environments in our additional project, and detected a great number of *Caudovirales* (including *Escherichia coli* phages). However, it touches on different aspects of biomineralization and will be published in another paper.

On behalf of the authors

Yours sincerely,

Paweł Działak