

Resource Summary Report

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Planetary Dominoes - How microbes drive biogeochemical cycles

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Proper Citation

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Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.8wrhxd6>

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Summary: This protocol describes the step to assemble your own Planetary Domino. We designed this at Georgia Tech for an Astrobiology outreach event called "An Evening of Wonder", which we organized as part of AbGradCon2018. The goal of this activity was to introduce how microorganisms drive many geochemical cycles and how they are interconnected. Each domino piece corresponds to a bacterial functional role/"trophic" role (i.e., aerobic heterotrophs, anaerobic metal reducers, etc.) contains substrates on one side and products on the other. The idea is to find how they can be connected, like pieces of a domino.

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