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Protocol collection: Sampling and characterizing cheese rind microbial communities

 [PubPub](#)

DOI

dx.doi.org/10.17504/protocols.io.n2bvj8j5xgk5/v1

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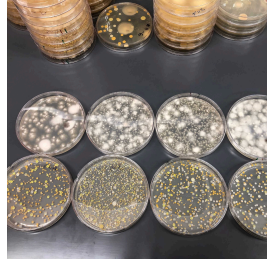
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Protocol status: Working

We use this collection and it's working

Created: February 28, 2023

Last Modified: January 29, 2024

Collection Integer ID: 77739

Keywords: microbial communities cheese rind microbiome, cheese rind microbiome samples for isolation, cheese rind microbial communities cheese rind microbiome, cheese rind microbiome, only dna from cheese sample, stable experimental platform for microbial community research, microbiome sample, microbial community research, cheese sample, microbial community, characterizing cheese rind, metagenomic sequencing, cheese rind, specific protocols for virome extraction, virome extraction, dna, only dna

Abstract

Cheese rind microbiomes are a validated and stable experimental platform for microbial community research. These communities are relatively simple, reproducible, and easy to grow in the lab. This set of protocols describes how to collect and store cheese rind microbiome samples for isolation of pure cultures, metagenomic sequencing, and other downstream applications. This collection also includes specific protocols for virome extraction and for the isolation of full community and viral-only DNA from cheese samples.

Troubleshooting

Files

 SEARCH

Protocol



NAME

Harvesting and stocking cheese rind community samples

VERSION 1

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Protocol

NAME

High-molecular-weight DNA extraction from cheese rind microbial communities

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NAME

🔗 Virome harvesting from cheese microbiomes

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NAME

🔗 Virome DNA extraction with phenol-chloroform

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