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Protocol collection: Sampling and characterizing cheese rind microbial communities

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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.

Protocol



NAME

Harvesting and stocking cheese rind community samples

VERSION 1

CREATED BY



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Protocol



NAME

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

VERSION 1

CREATED BY



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Protocol



NAME

Virome harvesting from cheese microbiomes

VERSION 1

CREATED BY



Arcadia Science

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Protocol



NAME

Virome DNA extraction with phenol-chloroform

VERSION 1

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