

Resource Summary Report

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Amplicon sequencing using MinION optimized from 1D native barcoding genomic DNA

DOI:10.17504/protocols.io.mhkc34w

Type: Protocol

Proper Citation

Yiheng Hu, Benjamin Schwessinger 2018. Amplicon sequencing using MinION optimized from 1D native barcoding genomic DNA. protocols.io
dx.doi.org/10.17504/protocols.io.mhkc34w

Protocol Information

URL: <https://dx.doi.org/10.17504/protocols.io.mhkc34w>

Authors: Yiheng Hu, Benjamin Schwessinger

Group: High molecular weight DNA extraction from all kingdoms, Team Schwessinger

Summary: This is a protocol optimized from Oxford Nanopore Technology 1D native barcoding genomic DNA (with EXP-NBD103 and SQK-LSK108) for sequencing amplicons of fungal marker genes (ITS, EF1a) using PCR. Thanks to Dr. Benjamin Schwesinger for his suggestions about the protocol. Thanks to Dr. Leon Smith (ANU, Linde lab), Prof. Wieland Meyer (USydney) and Dr. Laszlo Irinyi for their contribution of fungal samples.

Affiliations: Australian National University, Australian National University

Version: 1

Publication Date: 2018

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dx.doi.org/10.17504/protocols.io.mhkc34w

Record Creation Time: 20210329T220535+0000

Record Last Update: 20210329T221027+0000

Data and Source Information

Source: