

Apr 21, 2025

CycloneSEQ Library Construction and Sequencing Protocol for Isolated Bacteria

DOI

<https://dx.doi.org/10.17504/protocols.io.kqdg3k3kev25/v1>



Liang Hewei¹, Mengmeng Wang¹

¹BGI

GigaScience Press

BGI



Mengmeng Wang

BGI

Create & collaborate more with a free account

Edit and publish protocols, collaborate in communities, share insights through comments, and track progress with run records.

[Create free account](#)

OPEN  ACCESS



DOI: <https://dx.doi.org/10.17504/protocols.io.kqdg3k3kev25/v1>

Collection Citation: Liang Hewei, Mengmeng Wang 2025. CycloneSEQ Library Construction and Sequencing Protocol for Isolated Bacteria. **protocols.io** <https://dx.doi.org/10.17504/protocols.io.kqdg3k3kev25/v1>

License: This is an open access collection distributed under the terms of the **Creative Commons Attribution License**, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited

Protocol status: Working

We use this collection and it's working

Created: April 18, 2025

Last Modified: April 21, 2025

Collection Integer ID: 130968

Keywords: CycloneSEQ, library construction and sequencing , bacteria, sequencing protocol for isolated bacteria cycloneseq, isolated bacteria cycloneseq, cycloneseq library construction, microbial research, sequencing platform, isolated bacteria, sequencing protocol, bacteria, nanopore, sequencing

Funders Acknowledgements:

The Shenzhen Municipal Government of China

Grant ID: XMHT20220104017, CXB201108250097A

Abstract

CycloneSEQ, a novel nanopore sequencing platform developed by BGI-Research, is designed to generate large-scale long-reads. This technology can be applied in diverse fields, including plant, animal, and microbial research. This protocol collection focuses on CycloneSEQ library construction and sequencing for isolated bacteria.

Troubleshooting

Files

Q SEARCH

Protocol



NAME

CycloneSEQ library construction from DNA of isolated bacteria

VERSION 1

CREATED BY



Mengmeng Wang
BGI

[OPEN](#) →

Protocol



NAME

CycloneSEQ sequencing protocol for bacterial libraries

VERSION 1

CREATED BY



Mengmeng Wang
BGI

[OPEN](#) →