

# **Draft genome sequence data of Antarctic *Penicillium* sp. strain E22, from Deception Island**

## **ABSTRACT**

Here, we report the draft genome sequence and assembly of the *Penicillium* sp. strain E22, which was isolated from Antarctic soil of Deception Island, South Shetland Islands close to the Antarctic Peninsula. The genome was sequenced using a 2 # 250 bp paired-end method by Illumina MiSeq 6000. The genome assembly was performed using softwares implemented in the Kbase web service. The phylogenetic tree of strain E22 comparing its internal transcribed spacer (ITS) region with the other *Penicillium* showed high genetic similarity to *Penicillium griseofulvum* MN545450 and *Penicillium camemberti* MT530220. Draft genome of *Penicillium* sp. strain E22 comprises 33,653 coding sequences, with a high G + C content of 48.32% and a total size of 37,484,944 bp. This draft genome assembly version has been deposited at GenBank under accession JASJUN000000000.