

## **Additional Data File 1**

### **Target-enriched long-read sequencing (TELSeq) contextualizes antimicrobial resistance risk in metagenomes**

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#### **Affiliations:**

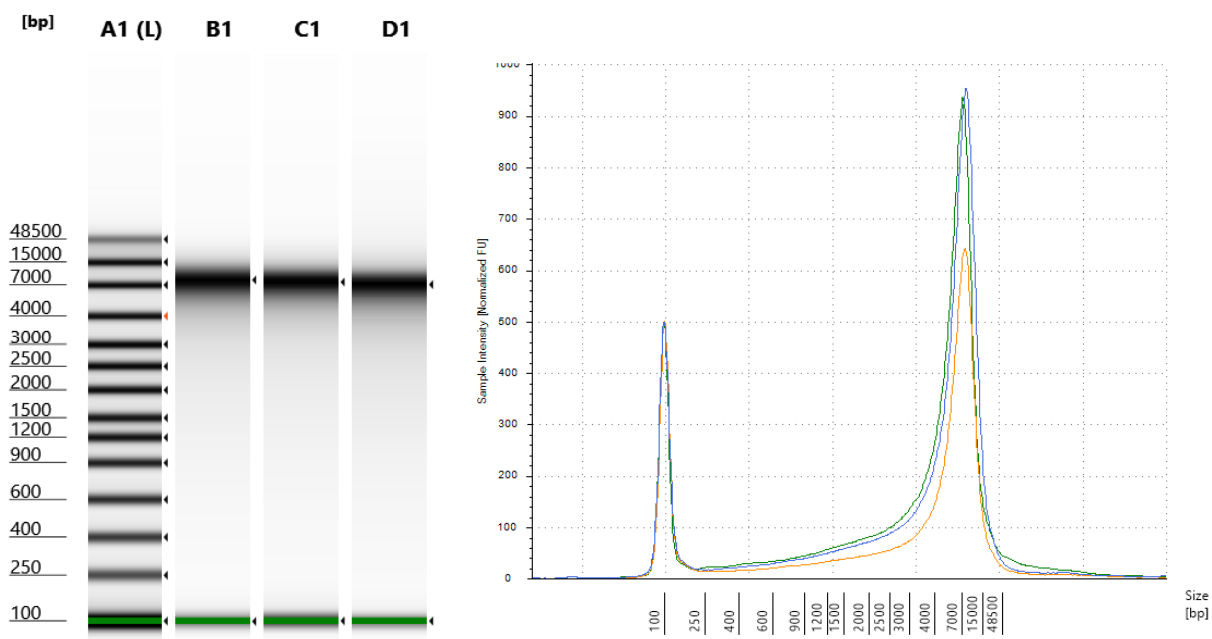
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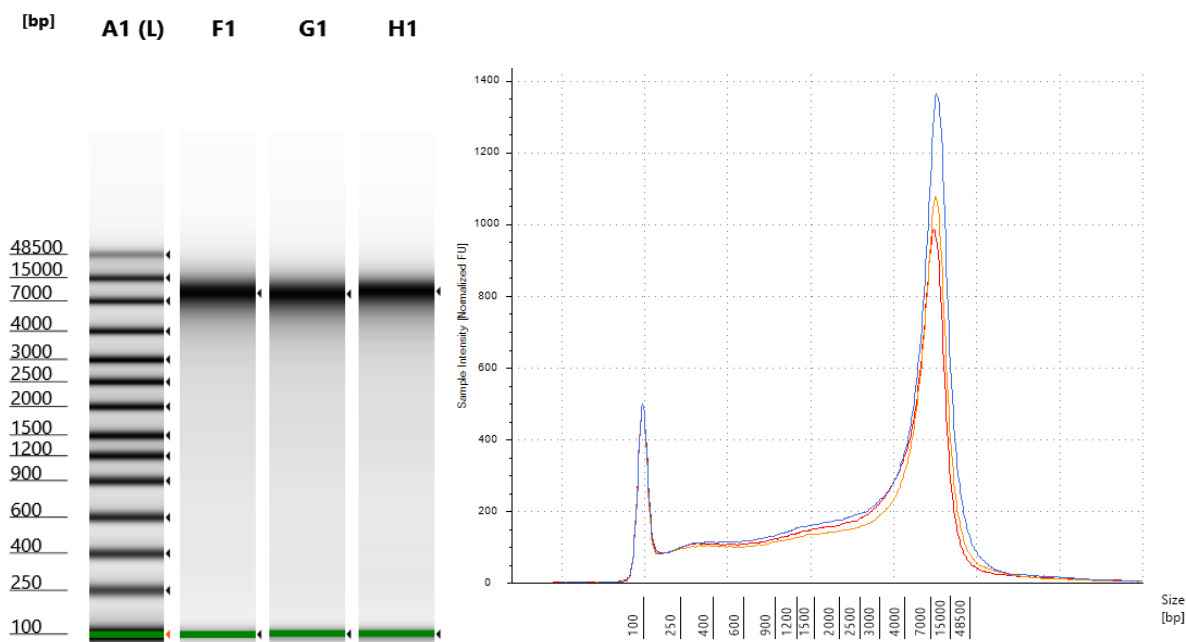
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**Additional File 1. Agilent TapeStation 4200 gDNA gel and electropherogram results.** Output of gDNA size distribution (bp) on genomic tape runs of technical replicates used as input for TELSeq, PB, and Illumina library generation for either: **(a)** +Abx, Bovine fecal sample retrieved from a Holstein-Fresian dairy cow with recent antimicrobial drug exposure; **(b)** -Abx, Bovine fecal sample retrieved from a Holstein-Fresian dairy cow with no recent history of antimicrobial drug exposure reared under the same husbandry conditions as +Abx cow; **(c)** FMT, Fecal microbiota transplant sample submitted from a healthy U.S. human donor; **(d)** SOIL, Composite prairie soil sample collected from an undeveloped easement in Mower County, MN, USA ; and **(e)** MOCK, ZymoBIOMICS™ microbial community standard composed of 8 prokaryotic and 2 eukaryotic microorganisms in logarithmic distribution (CSII) obtained from Zymo Research Corporation, Irvine, CA, USA, Product D6310, Lot#: ZRC190842.

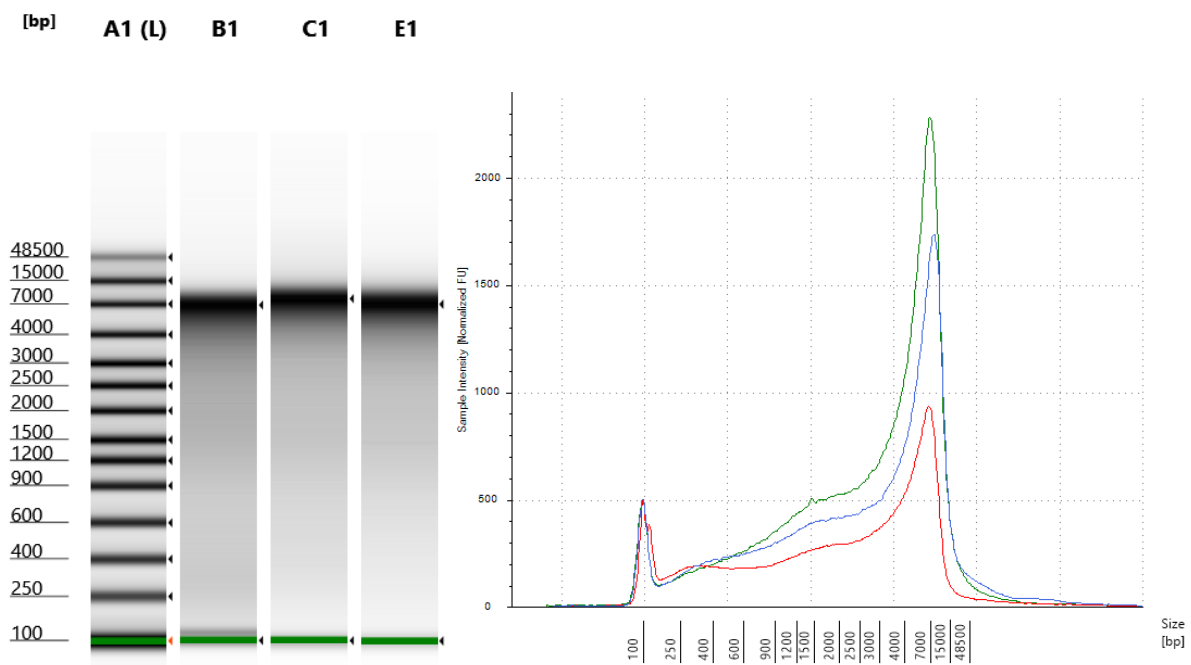
## a. + Abx



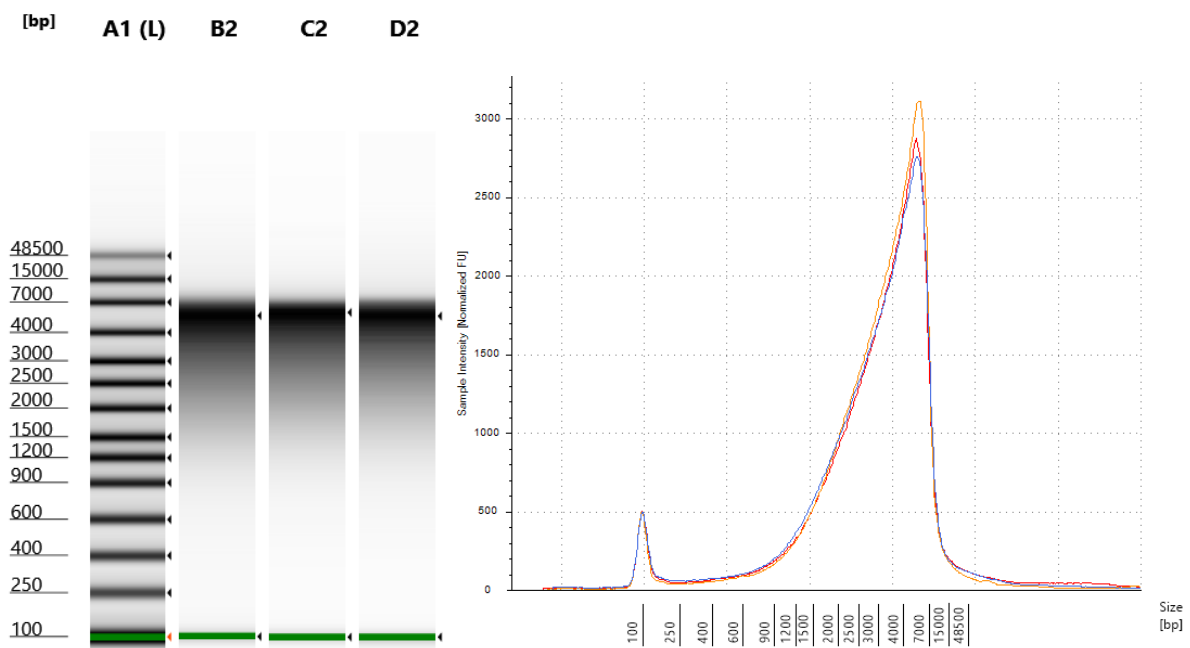
## b. - Abx



### c. FMT



### d. SOIL



## e. MOCK

