

Materials List for:

Nanopore DNA Sequencing for Metagenomic Soil Analysis

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Materials

Name	Company	Catalog Number	Comments
Thermal Cycler	LifeECO	BTC42096	
Covaris g-TUBE	Covaris	520079	
NEBNext End Repair Module	New England BioLab	E7546	
Eppendorf LoBind Centrifuge Tubes	Sigma-Aldrich	Z666505	
NEB Blunt/TA Ligase Master Mix	New England BioLab	MO367	
MyOne C1 Strepavidin Beads	Thermo Fisher	65001	
Eppendorf microcentrifuge	Eppendorf		Model 5420
Nanodrop UV spectrophotometer	Thermo Fisher	ND-2000	Model 2000
Belly Dancer Orbital Shaker	Sigma-Aldrich	Z768499	
Power Soil DNA Isolation Kit	MO BIO	12888-50	
Ligation Sequencing Kit 2D	Oxford Nanopore	SQK-LSK208	
Rapid Sequencing Kit for Genomic DNA	Oxford Nanopore	SQK-RAD002	
End-Prep Reaction Buffer and enzyme mix (NEB Blunt/TA Ligase Master Mix)	New England BioLab	MO367	
AmPure XP Magnetic Beads	Beckman Coulter	A63880	
Basic Starter Pack	Oxford Nanopore		Includes MinION Sequencing Device and Flow Cell
MinKNOW software	Oxford Nanopore		
Rapid Sequencing Kit for Genomic DNA	Oxford Nanopore	SQK-RAD002	Includes Running Buffer with Fuel (RBF), Fragmentation Mix (FRM) Rapid Adapter (RAD) Library Loading Beads (LLB)