

AUTOMATED METAGENOMICS SOLUTIONS

APPLIED GENOMICS

DNA-SEQ · RNA-SEQ · BARCODES · METAGENOMICS · AMPLICON PANELS · TARGET CAPTURE · EPIGENETICS · SMALL RNA-SEQ

NEXTFLEX® Metagenomics Amplicon-Seq Kit Series

PerkinElmer offers a robust NEXTFLEX® portfolio for targeted next-generation sequencing (NGS) metagenomics solutions for both 16S and 18S rRNA applications. Catering to your lab's specific needs, we offer three distinct 16S rRNA panels that have been designed to target the 16S rRNA V1-V3, V4, and V5-V6 hypervariable regions, respectively. We also offer targeted sequencing for 18S rRNA ITS1 and ITS2 to allow taxonomic assignment of fungal and micro-eukaryotic species. Now you can also analyze bacteria, fungus and micro-eukaryotes in a single run with the NEXTFLEX® 16S V4 & 18S ITS Amplicon-Seq Kit.

By utilizing NGS, entire communities within a sample can be efficiently analyzed from minimal quantities of DNA, without biases that could potentially be introduced by culturing in other non-NGS methods. The NEXTFLEX® metagenomics amplicon-seq kit series for 16S and/or 18S rRNA maximize the economy and speed of targeted sequencing by offering exceptional values for labs needing a metagenomics solution.

KEY FEATURES

- Up to 384 barcodes for high-level multiplexing
- Lot-validated kits for confidence in performance
- Practical kit sizes for both low- and high-throughput projects
- Streamlined workflow



For research use only. Not for use in diagnostic procedures.


PerkinElmer
For the Better

NEXTFLEX® 16S Amplicon-Seq Kits

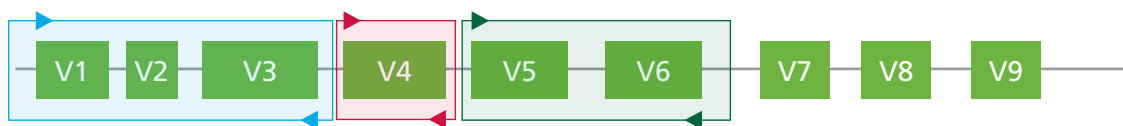


Figure 1. Schematic representation of targeted regions covered by the NEXTFLEX® 16S series of amplicon-seq kits

NEXTFLEX® 18S ITS Amplicon-Seq Kit



Figure 2. Schematic representation of the ITS1 and ITS2 regions covered by the NEXTFLEX® 18S ITS amplicon-seq kit

ORDERING INFORMATION

Catalog #	Kit Name	Quantity
16S METAGENOMIC KITS		
NOVA-4202-0X series	NEXTFLEX® 16S V1-V3 Amplicon-Seq Kit	8, 24, 96 or 192 rxns
NOVA-4203-0X series	NEXTFLEX® 16S V4 Amplicon-Seq Kit 2.0	8, 24, 96 or 192 rxns
NOVA-4205-0X series	NEXTFLEX® 16S V5-V6 Amplicon-Seq Kit*	8, 24, 96 or 192 rxns
* Recommended for use with plant-associated samples		
18S METAGENOMIC KITS		
NOVA-4210-0X series	NEXTFLEX® 18S ITS Amplicon-Seq Kit	8, 24, 96 or 192 rxns
NEW TO THE METAGENOMIC FAMILY!		
NOVA-4213-0X series	NEXTFLEX® 16S V4 & 18S ITS Amplicon-Seq Kit	8 or 48 rxns
NOVA-4213-13	NEXTFLEX® 16S V4 & 18S ITS Amplicon-Seq Automation Kit	96 rxn

Don't be shy! Explore who's who in your community today!

perkinelmer-appliedgenomics.com/metagenomics

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