

The ONE™ 16S 8 x indexes – Set A

Introduction

YouSeq's dual index adapters are designed for YouSeq specific library preparation kits to construct libraries for multiplexed sequencing on Illumina® Sequencers. Set A offers a total of 8 unique sequences. For increased throughput, additional Set B, Set C and Set D each provide a further 8 unique indexes.

These sequences were chosen together as they are statistically optimized sequences to help reduce risk of patient to patient contamination.

Best Practices

- Limit the number of freeze/thaw cycles, YouSeq recommend a maximum of 5 in total
- Ensure operators use strict Good Laboratory Practices in order to prevent adapter contamination

Notes. The line item describes a selection of adapters suitable for analysis of 8 samples

The digital download is available via the website, to help input the sequences (www.youseq.com). If having issues downloading or locating the sequences, please contact us via hello@youseq.com . .

Index sequences

Index no	Index Code	iSeq, Miniseq, NextSeq, HiSeq 3000/4000		NovaSeq, MiSeq, HiSeq 2000/2500	
		17 Bases for sample sheet	15 Bases for sample sheet	17 Bases for sample sheet	15 Bases for sample sheet
1	YO401	CACTATCAAC	CTACTCAGTC	CACTATCAAC	GACTGAGTAG
2	YO402	CACTATCAAC	TCGTCTGACT	CACTATCAAC	AGTCAGACGA
3	YO403	CACTATCAAC	GAACATACGG	CACTATCAAC	CCGTATGTTC
4	YO404	CACTATCAAC	CCTATGACTC	CACTATCAAC	GAGTCATAGG
5	YO405	CACTATCAAC	TAATGGCAAG	CACTATCAAC	CTTGCCATTA
6	YO406	CACTATCAAC	GTGCCGCTTC	CACTATCAAC	GAAGCGGCAC
7	YO407	CACTATCAAC	CGGCAATGGA	CACTATCAAC	TCCATTGCCG
8	YO408	CACTATCAAC	GCCGTAACCG	CACTATCAAC	CGGTTACGGC

