The ONE™ 16S 96 x indexes – Set A

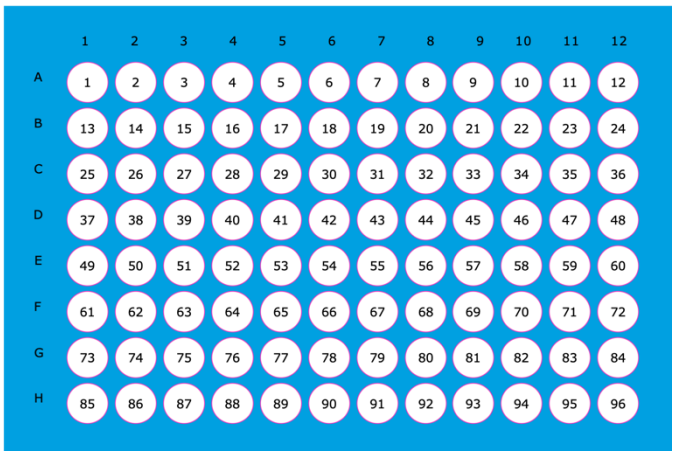
Introduction

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 96 unique sequences. For increased throughput, additional Set B, Set C and Set D each provide a further 96 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

Layout of the plate



Notes. The line item describes a selection of adapters suitable for analysis of 96 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

		iSeq 100, Miniseq, NextSeq, HiSeq 3000/4000		NovaSeq, MiSeq, HiSeq 2000/2500	
Index no	Index Code	I7 Bases for sample sheet	I5 Bases for sample sheet	I7 Bases for sample sheet	I5 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
9	YO409	CACTATCAAC	AACCATTCTC	CACTATCAAC	GAGAATGGTT
10	YO410	CACTATCAAC	GGTTGCCTCT	CACTATCAAC	AGAGGCAACC
11	YO411	CACTATCAAC	CTAATGATGG	CACTATCAAC	CCATCATTAG
12	YO412	CACTATCAAC	TCGGCCTATC	CACTATCAAC	GATAGGCCGA
13	YO413	TGTCGCTGGT	CTACTCAGTC	TGTCGCTGGT	GACTGAGTAG
14	YO414	TGTCGCTGGT	TCGTCTGACT	TGTCGCTGGT	AGTCAGACGA
15	YO415	TGTCGCTGGT	GAACATACGG	TGTCGCTGGT	CCGTATGTTC
16	YO416	TGTCGCTGGT	CCTATGACTC	TGTCGCTGGT	GAGTCATAGG
17	YO417	TGTCGCTGGT	TAATGGCAAG	TGTCGCTGGT	CTTGCCATTA
18	YO418	TGTCGCTGGT	GTGCCGCTTC	TGTCGCTGGT	GAAGCGGCAC
19	YO419	TGTCGCTGGT	CGGCAATGGA	TGTCGCTGGT	TCCATTGCCG
20	YO420	TGTCGCTGGT	GCCGTAACCG	TGTCGCTGGT	CGGTTACGGC
21	YO421	TGTCGCTGGT	AACCATTCTC	TGTCGCTGGT	GAGAATGGTT
22	YO422	TGTCGCTGGT	GGTTGCCTCT	TGTCGCTGGT	AGAGGCAACC
23	YO423	TGTCGCTGGT	CTAATGATGG	TGTCGCTGGT	CCATCATTAG
24	YO424	TGTCGCTGGT	TCGGCCTATC	TGTCGCTGGT	GATAGGCCGA
25	YO425	ACAGTGTATG	CTACTCAGTC	ACAGTGTATG	GACTGAGTAG
26	YO426	ACAGTGTATG	TCGTCTGACT	ACAGTGTATG	AGTCAGACGA
27	YO427	ACAGTGTATG	GAACATACGG	ACAGTGTATG	CCGTATGTTC
28	YO428	ACAGTGTATG	CCTATGACTC	ACAGTGTATG	GAGTCATAGG
29	YO429	ACAGTGTATG	TAATGGCAAG	ACAGTGTATG	CTTGCCATTA
30	YO430	ACAGTGTATG	GTGCCGCTTC	ACAGTGTATG	GAAGCGGCAC
31	YO431	ACAGTGTATG	CGGCAATGGA	ACAGTGTATG	TCCATTGCCG
32	YO432	ACAGTGTATG	GCCGTAACCG	ACAGTGTATG	CGGTTACGGC
33	YO433	ACAGTGTATG	AACCATTCTC	ACAGTGTATG	GAGAATGGTT
34	YO434	ACAGTGTATG	GGTTGCCTCT	ACAGTGTATG	AGAGGCAACC
35	YO435	ACAGTGTATG	CTAATGATGG	ACAGTGTATG	CCATCATTAG
36	YO436	ACAGTGTATG	TCGGCCTATC	ACAGTGTATG	GATAGGCCGA
37	YO437	AGCGCCACAC	CTACTCAGTC	AGCGCCACAC	GACTGAGTAG
38	YO438	AGCGCCACAC	TCGTCTGACT	AGCGCCACAC	AGTCAGACGA
39	YO439	AGCGCCACAC	GAACATACGG	AGCGCCACAC	CCGTATGTTC
40	YO440	AGCGCCACAC	CCTATGACTC	AGCGCCACAC	GAGTCATAGG
41	YO441	AGCGCCACAC	TAATGGCAAG	AGCGCCACAC	CTTGCCATTA
42	YO442	AGCGCCACAC	GTGCCGCTTC	AGCGCCACAC	GAAGCGGCAC
43	YO443	AGCGCCACAC	CGGCAATGGA	AGCGCCACAC	TCCATTGCCG
44	YO444	AGCGCCACAC	GCCGTAACCG	AGCGCCACAC	CGGTTACGGC
45	YO445	AGCGCCACAC	AACCATTCTC	AGCGCCACAC	GAGAATGGTT
46	YO446	AGCGCCACAC	GGTTGCCTCT	AGCGCCACAC	AGAGGCAACC

47	YO447	AGCGCCACAC	CTAATGATGG	AGCGCCACAC	CCATCATTAG
48	YO448	AGCGCCACAC	TCGGCCTATC	AGCGCCACAC	GATAGGCCGA
49	YO449	CCTTCGTGAT	CTACTCAGTC	CCTTCGTGAT	GACTGAGTAG
50	YO450	CCTTCGTGAT	TCGTCTGACT	CCTTCGTGAT	AGTCAGACGA
51	YO451	CCTTCGTGAT	GAACATACGG	CCTTCGTGAT	CCGTATGTTC
52	YO452	CCTTCGTGAT	CCTATGACTC	CCTTCGTGAT	GAGTCATAGG
53	YO453	CCTTCGTGAT	TAATGGCAAG	CCTTCGTGAT	CTTGCCATTA
54	YO454	CCTTCGTGAT	GTGCCGCTTC	CCTTCGTGAT	GAAGCGGCAC
55	YO455	CCTTCGTGAT	CGGCAATGGA	CCTTCGTGAT	TCCATTGCCG
56	YO456	CCTTCGTGAT	GCCGTAACCG	CCTTCGTGAT	CGGTTACGGC
57	YO457	CCTTCGTGAT	AACCATTCTC	CCTTCGTGAT	GAGAATGGTT
58	YO458	CCTTCGTGAT	GGTTGCCTCT	CCTTCGTGAT	AGAGGCAACC
59	YO459	CCTTCGTGAT	CTAATGATGG	CCTTCGTGAT	CCATCATTAG
60	YO460	CCTTCGTGAT	TCGGCCTATC	CCTTCGTGAT	GATAGGCCGA
61	YO461	AGTAGAGCCG	CTACTCAGTC	AGTAGAGCCG	GACTGAGTAG
62	YO462	AGTAGAGCCG	TCGTCTGACT	AGTAGAGCCG	AGTCAGACGA
63	YO463	AGTAGAGCCG	GAACATACGG	AGTAGAGCCG	CCGTATGTTC
64	YO464	AGTAGAGCCG	CCTATGACTC	AGTAGAGCCG	GAGTCATAGG
65	YO465	AGTAGAGCCG	TAATGGCAAG	AGTAGAGCCG	CTTGCCATTA
66	YO466	AGTAGAGCCG	GTGCCGCTTC	AGTAGAGCCG	GAAGCGGCAC
67	YO467	AGTAGAGCCG	CGGCAATGGA	AGTAGAGCCG	TCCATTGCCG
68	YO468	AGTAGAGCCG	GCCGTAACCG	AGTAGAGCCG	CGGTTACGGC
69	YO469	AGTAGAGCCG	AACCATTCTC	AGTAGAGCCG	GAGAATGGTT
70	YO470	AGTAGAGCCG	GGTTGCCTCT	AGTAGAGCCG	AGAGGCAACC
71	YO471	AGTAGAGCCG	CTAATGATGG	AGTAGAGCCG	CCATCATTAG
72	YO472	AGTAGAGCCG	TCGGCCTATC	AGTAGAGCCG	GATAGGCCGA
73	YO473	TCGTGCATTC	CTACTCAGTC	TCGTGCATTC	GACTGAGTAG
74	YO474	TCGTGCATTC	TCGTCTGACT	TCGTGCATTC	AGTCAGACGA
75	YO475	TCGTGCATTC	GAACATACGG	TCGTGCATTC	CCGTATGTTC
76	YO476	TCGTGCATTC	CCTATGACTC	TCGTGCATTC	GAGTCATAGG
77	YO477	TCGTGCATTC	TAATGGCAAG	TCGTGCATTC	CTTGCCATTA
78	YO478	TCGTGCATTC	GTGCCGCTTC	TCGTGCATTC	GAAGCGGCAC
79	YO479	TCGTGCATTC	CGGCAATGGA	TCGTGCATTC	TCCATTGCCG
80	YO480	TCGTGCATTC	GCCGTAACCG	TCGTGCATTC	CGGTTACGGC
81	YO481	TCGTGCATTC	AACCATTCTC	TCGTGCATTC	GAGAATGGTT
82	YO482	TCGTGCATTC	GGTTGCCTCT	TCGTGCATTC	AGAGGCAACC
83	YO483	TCGTGCATTC	CTAATGATGG	TCGTGCATTC	CCATCATTAG
84	YO484	TCGTGCATTC	TCGGCCTATC	TCGTGCATTC	GATAGGCCGA
85	YO485	CTATAGTCTT	CTACTCAGTC	CTATAGTCTT	GACTGAGTAG
86	YO486	CTATAGTCTT	TCGTCTGACT	CTATAGTCTT	AGTCAGACGA
87	YO487	CTATAGTCTT	GAACATACGG	CTATAGTCTT	CCGTATGTTC
88	YO488	CTATAGTCTT	CCTATGACTC	CTATAGTCTT	GAGTCATAGG
89	YO489	CTATAGTCTT	TAATGGCAAG	CTATAGTCTT	CTTGCCATTA
90	YO490	CTATAGTCTT	GTGCCGCTTC	CTATAGTCTT	GAAGCGGCAC
91	YO491	CTATAGTCTT	CGGCAATGGA	CTATAGTCTT	TCCATTGCCG
92	YO492	CTATAGTCTT	GCCGTAACCG	CTATAGTCTT	CGGTTACGGC
93	YO493	CTATAGTCTT	AACCATTCTC	CTATAGTCTT	GAGAATGGTT
94	YO494	CTATAGTCTT	GGTTGCCTCT	CTATAGTCTT	AGAGGCAACC
95	YO495	CTATAGTCTT	CTAATGATGG	CTATAGTCTT	CCATCATTAG
96	YO496	CTATAGTCTT	TCGGCCTATC	CTATAGTCTT	GATAGGCCGA