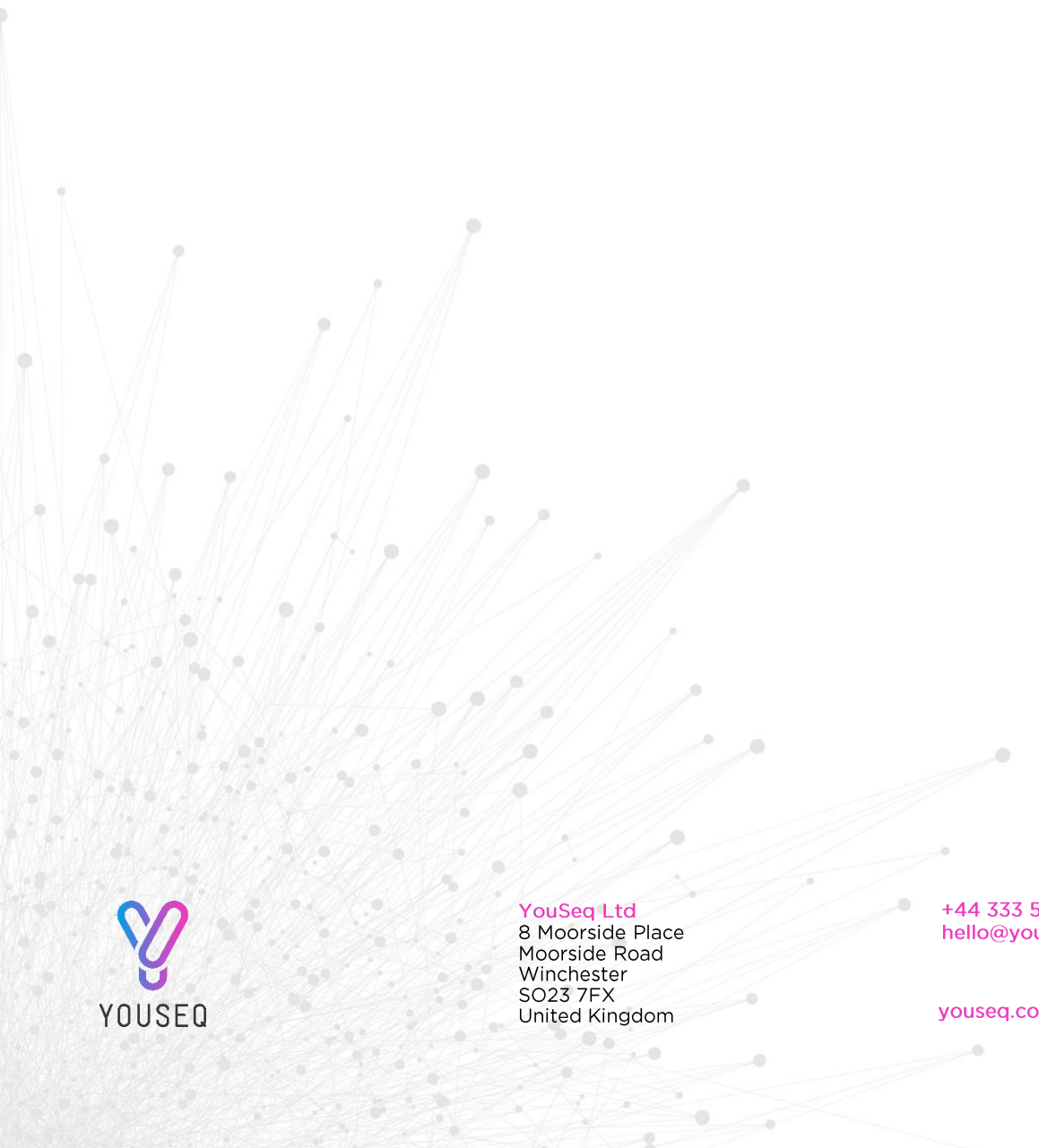




YOUSEQ

ADAPTERS x 96

VERSION 2.0



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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.

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

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|----|----|----|----|----|----|----|----|----|----|----|
| A | 1 | 9 | 17 | 25 | 33 | 41 | 49 | 57 | 65 | 73 | 81 | 89 |
| B | 2 | 10 | 18 | 26 | 34 | 42 | 50 | 58 | 66 | 74 | 82 | 90 |
| C | 3 | 11 | 19 | 27 | 35 | 43 | 51 | 59 | 67 | 75 | 83 | 91 |
| D | 4 | 12 | 20 | 28 | 36 | 44 | 52 | 60 | 68 | 76 | 84 | 92 |
| E | 5 | 13 | 21 | 29 | 37 | 45 | 53 | 61 | 69 | 77 | 85 | 93 |
| F | 6 | 14 | 22 | 30 | 38 | 46 | 54 | 62 | 70 | 78 | 86 | 94 |
| G | 7 | 15 | 23 | 31 | 39 | 47 | 55 | 63 | 71 | 79 | 87 | 95 |
| H | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 | 88 | 96 |

Please note: 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 the contact details on the front page of the document.

INDEX SEQUENCES

| Index no | 17 Index Code | 17 Bases for Sample Sheet | 15 Index Code | 15 Bases for Sample Sheet iSeq, Miniseq, NextSeq, HiSeq 3000/4000 | 15 Bases for Sample Sheet NovaSeq, MiSeq, HiSeq 2000/2500 |
|----------|---------------|---------------------------|---------------|--|---|
| 1 | YO701 | CACTATCAAC | YO501 | CTACTCAGTC | GACTGAGTAG |
| 2 | YO701 | CACTATCAAC | YO502 | TCGTCTGACT | AGTCAGACGA |
| 3 | YO701 | CACTATCAAC | YO503 | GAACATACGG | CCGTATGTTC |
| 4 | YO701 | CACTATCAAC | YO504 | CCTATGACTC | GAGTCATAGG |
| 5 | YO701 | CACTATCAAC | YO505 | TAATGGCAAG | CTTGCCATTA |
| 6 | YO701 | CACTATCAAC | YO506 | GTGCCGCTTC | GAAGCGGCAC |
| 7 | YO701 | CACTATCAAC | YO507 | CGGCAATGGA | TCCATTGCCG |
| 8 | YO701 | CACTATCAAC | YO508 | GCCGTAACCG | CGGTTACGGC |
| 9 | YO701 | CACTATCAAC | YO509 | AACCATTCTC | GAGAATGGTT |
| 10 | YO701 | CACTATCAAC | YO510 | GGTTGCCTCT | AGAGGCAACC |
| 11 | YO701 | CACTATCAAC | YO511 | CTAATGATGG | CCATCATTAG |
| 12 | YO701 | CACTATCAAC | YO512 | TCGGCCTATC | GATAGGCCGA |
| 13 | YO702 | TGTCGCTGGT | YO501 | CTACTCAGTC | GACTGAGTAG |
| 14 | YO702 | TGTCGCTGGT | YO502 | TCGTCTGACT | AGTCAGACGA |
| 15 | YO702 | TGTCGCTGGT | YO503 | GAACATACGG | CCGTATGTTC |
| 16 | YO702 | TGTCGCTGGT | YO504 | CCTATGACTC | GAGTCATAGG |
| 17 | YO702 | TGTCGCTGGT | YO505 | TAATGGCAAG | CTTGCCATTA |
| 18 | YO702 | TGTCGCTGGT | YO506 | GTGCCGCTTC | GAAGCGGCAC |
| 19 | YO702 | TGTCGCTGGT | YO507 | CGGCAATGGA | TCCATTGCCG |
| 20 | YO702 | TGTCGCTGGT | YO508 | GCCGTAACCG | CGGTTACGGC |
| 21 | YO702 | TGTCGCTGGT | YO509 | AACCATTCTC | GAGAATGGTT |
| 22 | YO702 | TGTCGCTGGT | YO510 | GGTTGCCTCT | AGAGGCAACC |
| 23 | YO702 | TGTCGCTGGT | YO511 | CTAATGATGG | CCATCATTAG |
| 24 | YO702 | TGTCGCTGGT | YO512 | TCGGCCTATC | GATAGGCCGA |
| 25 | YO703 | ACAGTGTATG | YO501 | CTACTCAGTC | GACTGAGTAG |
| 26 | YO703 | ACAGTGTATG | YO502 | TCGTCTGACT | AGTCAGACGA |
| 27 | YO703 | ACAGTGTATG | YO503 | GAACATACGG | CCGTATGTTC |
| 28 | YO703 | ACAGTGTATG | YO504 | CCTATGACTC | GAGTCATAGG |
| 29 | YO703 | ACAGTGTATG | YO505 | TAATGGCAAG | CTTGCCATTA |
| 30 | YO703 | ACAGTGTATG | YO506 | GTGCCGCTTC | GAAGCGGCAC |
| 31 | YO703 | ACAGTGTATG | YO507 | CGGCAATGGA | TCCATTGCCG |
| 32 | YO703 | ACAGTGTATG | YO508 | GCCGTAACCG | CGGTTACGGC |

| Index no | 17 Index Code | 17 Bases for Sample Sheet | 15 Index Code | 15 Bases for Sample Sheet iSeq, Miniseq, NextSeq, HiSeq 3000/4000 | 15 Bases for Sample Sheet NovaSeq, MiSeq, HiSeq 2000/2500 |
|----------|---------------|---------------------------|---------------|--|---|
| 34 | YO703 | ACAGTGTATG | YO510 | GGTTGCCTCT | AGAGGCAACC |
| 35 | YO703 | ACAGTGTATG | YO511 | CTAATGATGG | CCATCATTAG |
| 36 | YO703 | ACAGTGTATG | YO512 | TCGGCCTATC | GATAGGCCGA |
| 37 | YO704 | AGCGCCACAC | YO501 | CTACTCAGTC | GACTGAGTAG |
| 38 | YO704 | AGCGCCACAC | YO502 | TCGTCTGACT | AGTCAGACGA |
| 39 | YO704 | AGCGCCACAC | YO503 | GAACATACGG | CCGTATGTTC |
| 40 | YO704 | AGCGCCACAC | YO504 | CCTATGACTC | GAGTCATAGG |
| 41 | YO704 | AGCGCCACAC | YO505 | TAATGGCAAG | CTTGCCATTA |
| 42 | YO704 | AGCGCCACAC | YO506 | GTGCCGCTTC | GAAGCGGCAC |
| 43 | YO704 | AGCGCCACAC | YO507 | CGGCAATGGA | TCCATTGCCG |
| 44 | YO704 | AGCGCCACAC | YO508 | GCCGTAACCG | CGGTTACGGC |
| 45 | YO704 | AGCGCCACAC | YO509 | AACCATTCTC | GAGAATGGTT |
| 46 | YO704 | AGCGCCACAC | YO510 | GGTTGCCTCT | AGAGGCAACC |
| 47 | YO704 | AGCGCCACAC | YO511 | CTAATGATGG | CCATCATTAG |
| 48 | YO704 | AGCGCCACAC | YO512 | TCGGCCTATC | GATAGGCCGA |
| 49 | YO705 | CCTTCGTGAT | YO501 | CTACTCAGTC | GACTGAGTAG |
| 50 | YO705 | CCTTCGTGAT | YO502 | TCGTCTGACT | AGTCAGACGA |
| 51 | YO705 | CCTTCGTGAT | YO503 | GAACATACGG | CCGTATGTTC |
| 52 | YO705 | CCTTCGTGAT | YO504 | CCTATGACTC | GAGTCATAGG |
| 53 | YO705 | CCTTCGTGAT | YO505 | TAATGGCAAG | CTTGCCATTA |
| 54 | YO705 | CCTTCGTGAT | YO506 | GTGCCGCTTC | GAAGCGGCAC |
| 55 | YO705 | CCTTCGTGAT | YO507 | CGGCAATGGA | TCCATTGCCG |
| 56 | YO705 | CCTTCGTGAT | YO508 | GCCGTAACCG | CGGTTACGGC |
| 57 | YO705 | CCTTCGTGAT | YO509 | AACCATTCTC | GAGAATGGTT |
| 58 | YO705 | CCTTCGTGAT | YO510 | GGTTGCCTCT | AGAGGCAACC |
| 59 | YO705 | CCTTCGTGAT | YO511 | CTAATGATGG | CCATCATTAG |
| 60 | YO705 | CCTTCGTGAT | YO512 | TCGGCCTATC | GATAGGCCGA |
| 61 | YO706 | AGTAGAGCCG | YO501 | CTACTCAGTC | GACTGAGTAG |
| 62 | YO706 | AGTAGAGCCG | YO502 | TCGTCTGACT | AGTCAGACGA |
| 63 | YO706 | AGTAGAGCCG | YO503 | GAACATACGG | CCGTATGTTC |
| 64 | YO706 | AGTAGAGCCG | YO504 | CCTATGACTC | GAGTCATAGG |
| 65 | YO706 | AGTAGAGCCG | YO505 | TAATGGCAAG | CTTGCCATTA |
| 66 | YO706 | AGTAGAGCCG | YO506 | GTGCCGCTTC | GAAGCGGCAC |
| 67 | YO706 | AGTAGAGCCG | YO507 | CGGCAATGGA | TCCATTGCCG |
| 68 | YO706 | AGTAGAGCCG | YO508 | GCCGTAACCG | CGGTTACGGC |

| Index no | 17 Index Code | 17 Bases for Sample Sheet | 15 Index Code | 15 Bases for Sample Sheet iSeq, Miniseq, NextSeq, HiSeq 3000/4000 | 15 Bases for Sample Sheet NovaSeq, MiSeq, HiSeq 2000/2500 |
|----------|---------------|---------------------------|---------------|--|--|
| 70 | YO706 | AGTAGAGCCG | YO510 | GGTTGCCTCT | AGAGGCAACC |
| 71 | YO706 | AGTAGAGCCG | YO511 | CTAATGATGG | CCATCATTAG |
| 72 | YO706 | AGTAGAGCCG | YO512 | TCGGCCTATC | GATAGGCCGA |
| 73 | YO707 | TCGTGCATTC | YO501 | CTACTCAGTC | GACTGAGTAG |
| 74 | YO707 | TCGTGCATTC | YO502 | TCGTCTGACT | AGTCAGACGA |
| 75 | YO707 | TCGTGCATTC | YO503 | GAACATACGG | CCGTATGTTC |
| 76 | YO707 | TCGTGCATTC | YO504 | CCTATGACTC | GAGTCATAGG |
| 77 | YO707 | TCGTGCATTC | YO505 | TAATGGCAAG | CTTGCCATTA |
| 78 | YO707 | TCGTGCATTC | YO506 | GTGCCGCTTC | GAAGCGGCAC |
| 79 | YO707 | TCGTGCATTC | YO507 | CGGCAATGGA | TCCATTGCCG |
| 80 | YO707 | TCGTGCATTC | YO508 | GCCGTAACCG | CGGTTACGGC |
| 81 | YO707 | TCGTGCATTC | YO509 | AACCATTCTC | GAGAATGGTT |
| 82 | YO707 | TCGTGCATTC | YO510 | GGTTGCCTCT | AGAGGCAACC |
| 83 | YO707 | TCGTGCATTC | YO511 | CTAATGATGG | CCATCATTAG |
| 84 | YO707 | TCGTGCATTC | YO512 | TCGGCCTATC | GATAGGCCGA |
| 85 | YO708 | CTATAGTCTT | YO501 | CTACTCAGTC | GACTGAGTAG |
| 86 | YO708 | CTATAGTCTT | YO502 | TCGTCTGACT | AGTCAGACGA |
| 87 | YO708 | CTATAGTCTT | YO503 | GAACATACGG | CCGTATGTTC |
| 88 | YO708 | CTATAGTCTT | YO504 | CCTATGACTC | GAGTCATAGG |
| 89 | YO708 | CTATAGTCTT | YO505 | TAATGGCAAG | CTTGCCATTA |
| 90 | YO708 | CTATAGTCTT | YO506 | GTGCCGCTTC | GAAGCGGCAC |
| 91 | YO708 | CTATAGTCTT | YO507 | CGGCAATGGA | TCCATTGCCG |
| 92 | YO708 | CTATAGTCTT | YO508 | GCCGTAACCG | CGGTTACGGC |
| 93 | YO708 | CTATAGTCTT | YO509 | AACCATTCTC | GAGAATGGTT |
| 94 | YO708 | CTATAGTCTT | YO510 | GGTTGCCTCT | AGAGGCAACC |
| 95 | YO708 | CTATAGTCTT | YO511 | CTAATGATGG | CCATCATTAG |
| 96 | YO708 | CTATAGTCTT | YO512 | TCGGCCTATC | GATAGGCCGA |