

# *TransNGS*<sup>®</sup> UDI Indexed Adapter Kit for Illumina<sup>®</sup>

Please read the datasheet carefully prior to use.



**Cat. No.** KI341

**Version No.** Version 1.0

**Storage:** at -20°C for two years

**Description**

TransNGS® UDI Indexed Adapter Kit for Illumina® provides 96 Adapters composed of independent i5 and i7. It is the Long Adapter kit containing paired-end Index for multiplex library preparation suitable for Illumina high-throughput sequencing platform.

**Application**

Multiplex next-generation sequencing library preparations on the Illumina platform.

**Kit Contents**

Component	KI341-00 (24 rxns)	KI341-01 (192 rxns)	KI341-02 (384 rxns)
TransNGS® Adapter Dilution Buffer	5 mL	2×5 mL	4×5 mL
TransNGS® UDI Indexed Adapter	1-12 10 µl each	1-96 10 µl each	1-96 20 µl each

**Sequence information of Index in Adapter**

Adapter Name	Single i5 Index sequence		Single i7 Index sequence
	Miseq, HiSeq 2000/2500, NovaSeq v1.0	MiniSeq, NextSeq, HiSeq 3000/4000, NovaSeq v1.5	All Illumina Systems
TransNGS® UDI Indexed Adapter 1 for Illumina® (16 µM)	<b>A G C G C T A G</b>	<b>C T A G C G C T</b>	<b>C C G C G G T T</b>
TransNGS® UDI Indexed Adapter 2 for Illumina® (16 µM)	<b>G A T A T C G A</b>	<b>T C G A T A T C</b>	<b>T T A T A A C C</b>
TransNGS® UDI Indexed Adapter 3 for Illumina® (16 µM)	<b>C G C A G A C G</b>	<b>C G T C T G C G</b>	<b>G G A C T T G G</b>
TransNGS® UDI Indexed Adapter 4 for Illumina® (16 µM)	<b>T A T G A G T A</b>	<b>T A C T C A T A</b>	<b>A A G T C C A A</b>
TransNGS® UDI Indexed Adapter 5 for Illumina® (16 µM)	<b>A G G T G C G T</b>	<b>A C G C A C C T</b>	<b>A T C C A C T G</b>
TransNGS® UDI Indexed Adapter 6 for Illumina® (16 µM)	<b>G A A C A T A C</b>	<b>G T A T G T T C</b>	<b>G C T T G T C A</b>
TransNGS® UDI Indexed Adapter 7 for Illumina® (16 µM)	<b>A C A T A G C G</b>	<b>C G C T A T G T</b>	<b>C A A G C T A G</b>
TransNGS® UDI Indexed Adapter 8 for Illumina® (16 µM)	<b>G T G C G A T A</b>	<b>T A T C G C A C</b>	<b>T G G A T C G A</b>
TransNGS® UDI Indexed Adapter 9 for Illumina® (16 µM)	<b>C C A A C A G A</b>	<b>T C T G T T G G</b>	<b>A G T T C A G G</b>
TransNGS® UDI Indexed Adapter 10 for Illumina® (16 µM)	<b>T T G G T G A G</b>	<b>C T C A C C A A</b>	<b>G A C C T G A A</b>
TransNGS® UDI Indexed Adapter 11 for Illumina® (16 µM)	<b>C G C G G T T C</b>	<b>G A A C C G C G</b>	<b>T C T C T A C T</b>
TransNGS® UDI Indexed Adapter 12 for Illumina® (16 µM)	<b>T A T A A C C T</b>	<b>A G G T T A T A</b>	<b>C T C T C G T C</b>
TransNGS® UDI Indexed Adapter 13 for Illumina® (16 µM)	<b>A A G G A T G A</b>	<b>T C A T C C T T</b>	<b>C C A A G T C T</b>
TransNGS® UDI Indexed Adapter 14 for Illumina® (16 µM)	<b>G G A A G C A G</b>	<b>C T G C T T C C</b>	<b>T T G G A C T C</b>
TransNGS® UDI Indexed Adapter 15 for Illumina® (16 µM)	<b>T C G T G A C C</b>	<b>G G T C A C G A</b>	<b>G G C T T A A G</b>
TransNGS® UDI Indexed Adapter 16 for Illumina® (16 µM)	<b>C T A C A G T T</b>	<b>A A C T G T A G</b>	<b>A A T C C G G A</b>
TransNGS® UDI Indexed Adapter 17 for Illumina® (16 µM)	<b>A T A T T C A C</b>	<b>G T G A A T A T</b>	<b>T A A T A C A G</b>
TransNGS® UDI Indexed Adapter 18 for Illumina® (16 µM)	<b>G C G C C T G T</b>	<b>A C A G G C G C</b>	<b>C G G C G T G A</b>
TransNGS® UDI Indexed Adapter 19 for Illumina® (16 µM)	<b>A C T C T A T G</b>	<b>C A T A G A G T</b>	<b>A T G T A A G T</b>
TransNGS® UDI Indexed Adapter 20 for Illumina® (16 µM)	<b>G T C T C G C A</b>	<b>T G C G A G A C</b>	<b>G C A C G G A C</b>
TransNGS® UDI Indexed Adapter 21 for Illumina® (16 µM)	<b>A A G A C G T C</b>	<b>G A C G T C T T</b>	<b>G G T A C C T T</b>



Adapter Name	Single i5 Index sequence		Single i7 Index sequence
	Miseq, HiSeq 2000/ 2500, NovaSeq v1.0	MiniSeq, NextSeq, HiSeq 3000/4000, NovaSeq v1.5	All Illumina Systems
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 22 for Illumina <sup>®</sup> (16 μM)	<b>GGAGTACT</b>	<b>AGTACTCC</b>	<b>AACGTTCC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 23 for Illumina <sup>®</sup> (16 μM)	<b>ACCGGCCA</b>	<b>TGGCCGGT</b>	<b>GCAGAATT</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 24 for Illumina <sup>®</sup> (16 μM)	<b>GTTAATTG</b>	<b>CAATTAAC</b>	<b>ATGAGGCC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 25 for Illumina <sup>®</sup> (16 μM)	<b>AACCGCGG</b>	<b>CCGCGGTT</b>	<b>ACTAAGAT</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 26 for Illumina <sup>®</sup> (16 μM)	<b>GGTTATAA</b>	<b>TTATAACC</b>	<b>GTCCGAGC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 27 for Illumina <sup>®</sup> (16 μM)	<b>CCAAGTCC</b>	<b>GGACTTGG</b>	<b>CTTGGTAT</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 28 for Illumina <sup>®</sup> (16 μM)	<b>TTGGACTT</b>	<b>AAGTCCA</b>	<b>TCCAACGC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 29 for Illumina <sup>®</sup> (16 μM)	<b>CAGTGGAT</b>	<b>ATCCACTG</b>	<b>CCGTGAAG</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 30 for Illumina <sup>®</sup> (16 μM)	<b>TGACAAGC</b>	<b>GCTTGTC</b>	<b>TTACAGGA</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 31 for Illumina <sup>®</sup> (16 μM)	<b>CTAGCTTG</b>	<b>CAAGCTAG</b>	<b>GGCATTCT</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 32 for Illumina <sup>®</sup> (16 μM)	<b>TCGATCCA</b>	<b>TGGATCGA</b>	<b>AATGCCTC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 33 for Illumina <sup>®</sup> (16 μM)	<b>CCTGAACT</b>	<b>AGTTCAGG</b>	<b>TACCGAGG</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 34 for Illumina <sup>®</sup> (16 μM)	<b>TTCAGGTC</b>	<b>GACCTGAA</b>	<b>CGTTAGAA</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 35 for Illumina <sup>®</sup> (16 μM)	<b>AGTAGAGA</b>	<b>TCTCTACT</b>	<b>AGCCTCAT</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 36 for Illumina <sup>®</sup> (16 μM)	<b>GACGAGAG</b>	<b>CTCTCGTC</b>	<b>GATTCTGC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 37 for Illumina <sup>®</sup> (16 μM)	<b>AGACTTGG</b>	<b>CCAAGTCT</b>	<b>TCGTAGTG</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 38 for Illumina <sup>®</sup> (16 μM)	<b>GAGTCCA</b>	<b>TTGGACTC</b>	<b>CTACGACA</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 39 for Illumina <sup>®</sup> (16 μM)	<b>CTTAAGCC</b>	<b>GGCTTAAG</b>	<b>TAAAGTGT</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 40 for Illumina <sup>®</sup> (16 μM)	<b>TCCGGATT</b>	<b>AATCCGGA</b>	<b>CGGACAAC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 41 for Illumina <sup>®</sup> (16 μM)	<b>CTGTATTA</b>	<b>TAATACAG</b>	<b>ATATGGAT</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 42 for Illumina <sup>®</sup> (16 μM)	<b>TCACGCCG</b>	<b>CGGCGTGA</b>	<b>GCGCAAGC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 43 for Illumina <sup>®</sup> (16 μM)	<b>ACTTACAT</b>	<b>ATGTAAGT</b>	<b>AAGATACT</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 44 for Illumina <sup>®</sup> (16 μM)	<b>GTCCGTGC</b>	<b>GCACGGAC</b>	<b>GGAGCGTC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 45 for Illumina <sup>®</sup> (16 μM)	<b>AAGGTACC</b>	<b>GGTACCTT</b>	<b>ATGGCATG</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 46 for Illumina <sup>®</sup> (16 μM)	<b>GGAACGTT</b>	<b>AACGTTCC</b>	<b>GCAATGCA</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 47 for Illumina <sup>®</sup> (16 μM)	<b>AATTCTGC</b>	<b>GCAGAATT</b>	<b>GTTCCAAT</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 48 for Illumina <sup>®</sup> (16 μM)	<b>GGCCTCAT</b>	<b>ATGAGGCC</b>	<b>ACCTTGGC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 49 for Illumina <sup>®</sup> (16 μM)	<b>ATCTTAGT</b>	<b>ACTAAGAT</b>	<b>ATATCTCG</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 50 for Illumina <sup>®</sup> (16 μM)	<b>GCTCCGAC</b>	<b>GTCCGAGC</b>	<b>GCGCTCTA</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 51 for Illumina <sup>®</sup> (16 μM)	<b>ATACCAAG</b>	<b>CTTGGTAT</b>	<b>AACAGGTT</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 52 for Illumina <sup>®</sup> (16 μM)	<b>GCGTTGGA</b>	<b>TCCAACGC</b>	<b>GGTGAACC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 53 for Illumina <sup>®</sup> (16 μM)	<b>CTTACGG</b>	<b>CCGTGAAG</b>	<b>CAACAATG</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 54 for Illumina <sup>®</sup> (16 μM)	<b>TCCTGTAA</b>	<b>TTACAGGA</b>	<b>TGGTGGA</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 55 for Illumina <sup>®</sup> (16 μM)	<b>AGAATGCC</b>	<b>GGCATTCT</b>	<b>AGGCAGAG</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 56 for Illumina <sup>®</sup> (16 μM)	<b>GAGGCATT</b>	<b>AATGCCTC</b>	<b>GAATGAGA</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 57 for Illumina <sup>®</sup> (16 μM)	<b>CCTCGGTA</b>	<b>TACCGAGG</b>	<b>TGCGGCGT</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 58 for Illumina <sup>®</sup> (16 μM)	<b>TTCTAACG</b>	<b>CGTTAGAA</b>	<b>CATAATAC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 59 for Illumina <sup>®</sup> (16 μM)	<b>ATGAGGCT</b>	<b>AGCCTCAT</b>	<b>GATCTATC</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 60 for Illumina <sup>®</sup> (16 μM)	<b>GCAGAATC</b>	<b>GATTCTGC</b>	<b>AGCTCGCT</b>



Adapter Name	Single i5 Index sequence		Single i7 Index sequence
	Miseq, HiSeq 2000/ 2500, NovaSeq v1.0	MiniSeq, NextSeq, HiSeq 3000/4000, NovaSeq v1.5	All Illumina Systems
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 61 for Illumina <sup>®</sup> (16 μM)	<b>C A C T A C G A</b>	<b>T C G T A G T G</b>	<b>C G G A A C T G</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 62 for Illumina <sup>®</sup> (16 μM)	<b>T G T C G T A G</b>	<b>C T A C G A C A</b>	<b>T A A G G T C A</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 63 for Illumina <sup>®</sup> (16 μM)	<b>A C C A C T T A</b>	<b>T A A G T G G T</b>	<b>T T G C C T A G</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 64 for Illumina <sup>®</sup> (16 μM)	<b>G T T G T C C G</b>	<b>C G G A C A A C</b>	<b>C C A T T C G A</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 65 for Illumina <sup>®</sup> (16 μM)	<b>A T C C A T A T</b>	<b>A T A T G G A T</b>	<b>A C A C T A A G</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 66 for Illumina <sup>®</sup> (16 μM)	<b>G C T T G C G C</b>	<b>G C G C A A G C</b>	<b>G T G T C G G A</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 67 for Illumina <sup>®</sup> (16 μM)	<b>A G T A T C T T</b>	<b>A A G A T A C T</b>	<b>T T C T G T T T</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 68 for Illumina <sup>®</sup> (16 μM)	<b>G A C G C T C C</b>	<b>G A G A C G T C</b>	<b>C C T T C A C C</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 69 for Illumina <sup>®</sup> (16 μM)	<b>C A T G C C A T</b>	<b>A T G G C A T G</b>	<b>G C C A C A G G</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 70 for Illumina <sup>®</sup> (16 μM)	<b>T G C A T T G C</b>	<b>G C A A T G C A</b>	<b>A T T G T G A A</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 71 for Illumina <sup>®</sup> (16 μM)	<b>A T T G G A A C</b>	<b>G T T C C A A T</b>	<b>A C T C G T G T</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 72 for Illumina <sup>®</sup> (16 μM)	<b>G C C A A G G T</b>	<b>A C C T T G G C</b>	<b>G T C T A C A C</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 73 for Illumina <sup>®</sup> (16 μM)	<b>C G A G A T A T</b>	<b>A T A T C T C G</b>	<b>C A A T T A A C</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 74 for Illumina <sup>®</sup> (16 μM)	<b>T A G A G C G C</b>	<b>G C G C T C T A</b>	<b>T G G C C G G T</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 75 for Illumina <sup>®</sup> (16 μM)	<b>A A C C T G T T</b>	<b>A A C A G G T T</b>	<b>A G T A C T C C</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 76 for Illumina <sup>®</sup> (16 μM)	<b>G G T T C A C C</b>	<b>G G T G A A C C</b>	<b>G A C G T C T T</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 77 for Illumina <sup>®</sup> (16 μM)	<b>C A T T G T T G</b>	<b>C A A C A A T G</b>	<b>T G C G A G A C</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 78 for Illumina <sup>®</sup> (16 μM)	<b>T G C C A C C A</b>	<b>T G G T G G C A</b>	<b>C A T A G A G T</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 79 for Illumina <sup>®</sup> (16 μM)	<b>C T C T G C C T</b>	<b>A G G C A G A G</b>	<b>A C A G G C G C</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 80 for Illumina <sup>®</sup> (16 μM)	<b>T C T C A T T C</b>	<b>G A A T G A G A</b>	<b>G T G A A T A T</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 81 for Illumina <sup>®</sup> (16 μM)	<b>A C G C C G C A</b>	<b>T G C G G C G T</b>	<b>A A C T G T A G</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 82 for Illumina <sup>®</sup> (16 μM)	<b>G T A T T A T G</b>	<b>C A T A A T A C</b>	<b>G G T C A C G A</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 83 for Illumina <sup>®</sup> (16 μM)	<b>G A T A G A T C</b>	<b>G A T C T A T C</b>	<b>C T G C T T C C</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 84 for Illumina <sup>®</sup> (16 μM)	<b>A G C A G A C T</b>	<b>A G C T C G C T</b>	<b>T C A T C C T T</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 85 for Illumina <sup>®</sup> (16 μM)	<b>C A G T T C C G</b>	<b>C G G A A C T G</b>	<b>A G G T T A T A</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 86 for Illumina <sup>®</sup> (16 μM)	<b>T G A C C T T A</b>	<b>T A A G G T C A</b>	<b>G A A C C G C G</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 87 for Illumina <sup>®</sup> (16 μM)	<b>C T A G G C A A</b>	<b>T T G C C T A G</b>	<b>C T C A C C A A</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 88 for Illumina <sup>®</sup> (16 μM)	<b>T C G A A T G G</b>	<b>C C A T T C G A</b>	<b>T C T G T T G G</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 89 for Illumina <sup>®</sup> (16 μM)	<b>C T T A G T G T</b>	<b>A C A C T A A G</b>	<b>T A T C G C A C</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 90 for Illumina <sup>®</sup> (16 μM)	<b>T C C G A C A C</b>	<b>G T G T C G G A</b>	<b>C G C T A T G T</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 91 for Illumina <sup>®</sup> (16 μM)	<b>A A C A G G A A</b>	<b>T T C C T G T T</b>	<b>G T A T G T T C</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 92 for Illumina <sup>®</sup> (16 μM)	<b>G G T G A A G G</b>	<b>C C T T C A C C</b>	<b>A C G C A C C T</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 93 for Illumina <sup>®</sup> (16 μM)	<b>C C T G T G G C</b>	<b>G C C A C A G G</b>	<b>T A C T C A T A</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 94 for Illumina <sup>®</sup> (16 μM)	<b>T T C A C A A T</b>	<b>A T T G T G A A</b>	<b>C G T C T G C G</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 95 for Illumina <sup>®</sup> (16 μM)	<b>A C A C G A G T</b>	<b>A C T C G T G T</b>	<b>T C G A T A T C</b>
<i>TransNGS</i> <sup>®</sup> UDI Indexed Adapter 96 for Illumina <sup>®</sup> (16 μM)	<b>G T G T A G A C</b>	<b>G T C T A C A C</b>	<b>C T A G C G C T</b>



### Index selection strategy

Illumina sequencers use a green laser to sequence bases G/ T and a red laser to sequence bases A/ C. To ensure the success of sequencing, color balance in each sequencing cycle is required. Therefore, it is necessary to make sure that both green-laser bases and red-laser bases are included in each sequencing cycle when pooling multiple indexes. During sequencing, if the number of Indexes required in one lane is less than 24, there are multiple Index combinations. The recommended available combinations are as follow:

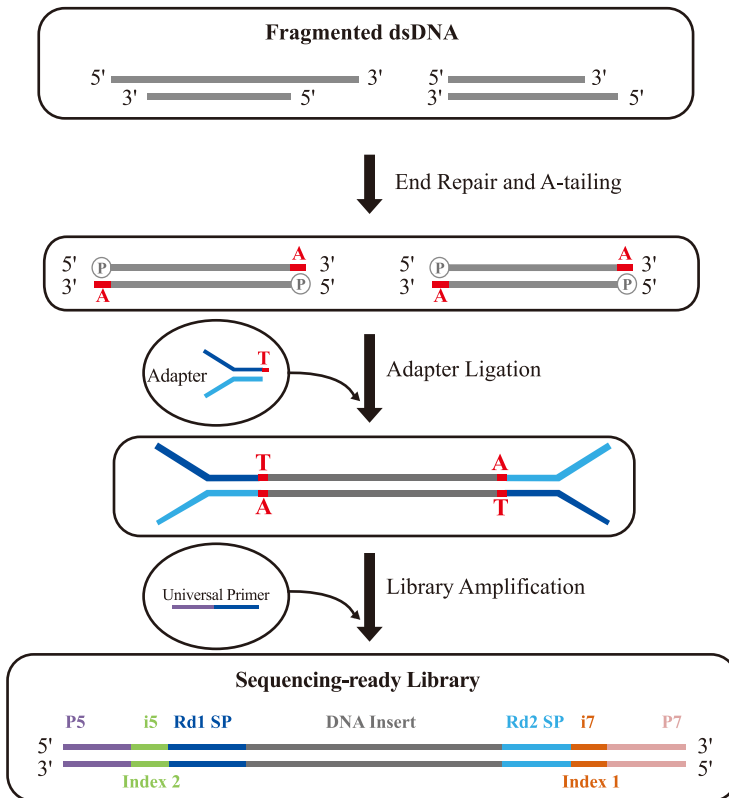
2 libraries: Index 1 and 2; Index 25 and 26, Index 49 and 50.

3 libraries: Index 3 ,4 and 5; Index 27, 28 and 29; Index 51, 52 and 53.

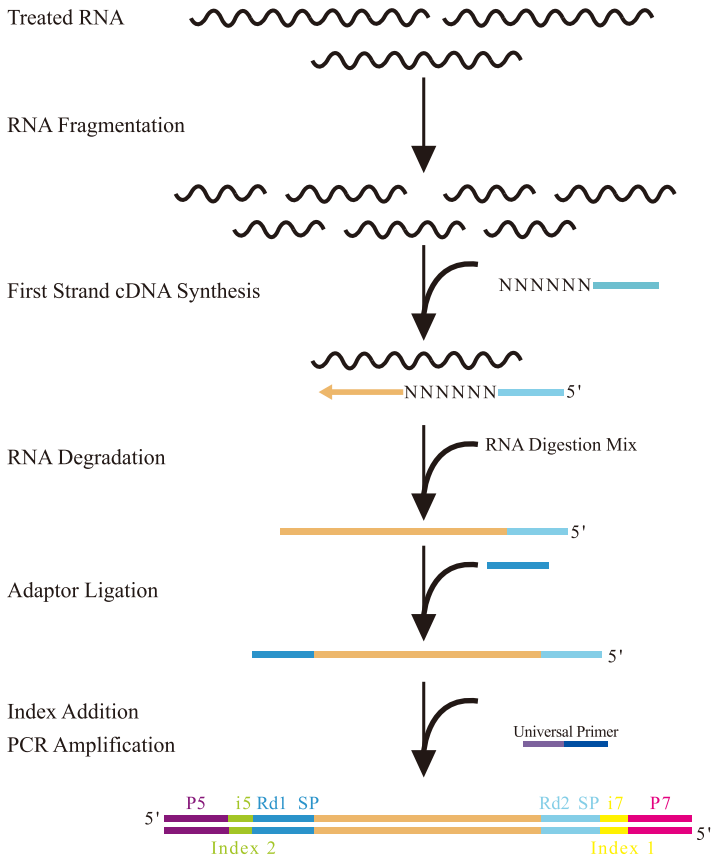
4 libraries: Index 1, 2, 3 and 4; Index 27, 28, 29 and 30; Index 43, 44, 45 and 46.

### Appendix

Workflow demonstrating the use of this kit with *TransNGS*<sup>®</sup> DNA Library Prep Kit for Illumina<sup>®</sup>:



Workflow demonstrating the use of this kit with *TransNGS*<sup>®</sup> Fast RNA-Seq Library Prep Kit for Illumina<sup>®</sup>



If this kit is used with *TransNGS*<sup>®</sup> DNA Library Prep Kit for Illumina<sup>®</sup> or *TransNGS*<sup>®</sup> Fast RNA-Seq Library Prep Kit for Illumina<sup>®</sup>, the resulting library has the following sequences:

5'-AATGATACGGCGACCACCGAGATCTACAC[i5]ACACTCTTTCCCTACACGACGCTCTTCCGATCT-XXXXXXXXXX  
-AGATCGGAAGAGCACACGTCTGAACTCCAGTCAC[i7]ATCTCGTATGCCGTCTTCTGCTTG-3'

i5: Index 2, 8 bases;

i7: Index 1, 8 bases;

-XXXXXXXXXX-: inserted sequence.





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