

Illumina Adapter Sequences

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Introduction

This document lists the index adapter sequences for Illumina library prep kits. The sequences are grouped into sections for TruSight kits, Nextera kits, and TruSeq kits, with an appendix that lists TruSeq controls and information for legacy Illumina kits.

Sequencing on the MiniSeq, NextSeq, and HiSeq 3000/4000 systems follow a different dual-indexing workflow than other Illumina systems, which requires the reverse complement of the i5 index adapter sequence.

- If you are creating a sample sheet manually for the MiniSeq, NextSeq, or HiSeq 3000/4000 systems, include the reverse complement of the sequence on your sample sheet.
- If you are using the Illumina Experiment Manager (IEM), BaseSpace Prep tab, or Local Run Manager to record the adapter sequences, the software creates the reverse complement automatically.

TruSight Amplicon Panels

Includes TruSight Myeloid Sequencing Panel and TruSight Tumor 26

Index 1 (i7) Adapters

i7 Index Name	i7 Bases for Sample Sheet
A701	ATCACGAC
A702	ACAGTGGT
A703	CAGATCCA
A704	ACAAACGG
A705	ACCCAGCA
A706	AACCCCTC
A707	CCCAACCT
A708	CACCACAC
A709	GAAACCCA
A710	TGTGACCA
A711	AGGGTCAA
A712	AGGAGTGG



Index 2 (i5) Adapter

i5 Index Name	i5 Bases for Sample Sheet MiSeq, HiSeq 2000/2500	i5 Bases for Sample Sheet MiniSeq, NextSeq, HiSeq 3000/4000
A501	TGAACCTT	AAGGTTCA
A502	TGCTAAGT	ACTTAGCA
A503	TGTTCTCT	AGAGAACA
A504	TAAGACAC	GTGTCTTA
A505	CTAATCGA	TCGATTAG
A506	CTAGAACA	TGTTCTAG
A507	TAAGTTCC	GGAACTTA
A508	TAGACCTA	TAGGTCTA

TruSight Cardio

Index 1 (i7) Adapters

i7 Bases for Sample Sheet
TAAGGCGA
CGTACTAG
AGGCAGAA
TCCTGAGC
GGACTCCT
TAGGCATG
CTCTCTAC
CAGAGAGG
GCTACGCT
CGAGGCTG
AAGAGGCA
GTAGAGGA



Index 2 (i5) Adapter

i5 Index Name	i5 Bases for Sample Sheet MiSeq, HiSeq 2000/2500	i5 Bases for Sample Sheet NextSeq, HiSeq 3000/4000
E505	GTAAGGAG	CTCCTTAC

TruSight One

Index 1 (i7) Adapters

i7 Index Name	i7 Bases for Sample Sheet
N701	TAAGGCGA
N702	CGTACTAG
N703	AGGCAGAA
N704	TCCTGAGC
N705	GGACTCCT
N706	TAGGCATG
N707	CTCTCTAC
N708	CAGAGAGG
N709	GCTACGCT
N710	CGAGGCTG
N711	AAGAGGCA
N712	GTAGAGGA

Index 2 (i5) Adapter

i5 Index Name	i5 Bases for Sample Sheet MiSeq, HiSeq 2000/2500	i5 Bases for Sample Sheet MiniSeq, NextSeq, HiSeq 3000/4000
E502	CTCTCTAT	ATAGAGAG
E503	TATCCTCT	AGAGGATA
E504	AGAGTAGA	TCTACTCT
E505	GTAAGGAG	CTCCTTAC



TruSight Rapid Capture

Includes TruSight Autism, TruSight Cancer, and TruSight Inherited Disease

Index 1 (i7) Adapters

i7 Index Name	i7 Bases for Sample Sheet
N701	TAAGGCGA
N702	CGTACTAG
N703	AGGCAGAA
N704	TCCTGAGC
N705	GGACTCCT
N706	TAGGCATG
N707	CTCTCTAC
N708	CAGAGAGG
N709	GCTACGCT
N710	CGAGGCTG
N711	AAGAGGCA
N712	GTAGAGGA

Index 2 (i5) Adapter

i5 Index Name	i5 Bases for Sample Sheet MiSeq, HiSeq 2000/2500	i5 Bases for Sample Sheet MiniSeq, NextSeq, HiSeq 3000/4000
E502	CTCTCTAT	ATAGAGAG
E505	GTAAGGAG	CTCCTTAC
E506	ACTGCATA	TATGCAGT
E517	GCGTAAGA	TCTTACGC



TruSight Tumor 15

Index 1 (i7) Adapters

i7 Index Name	i7 Bases for Sample Sheet
R701	ATCACG
R702	CGATGT
R703	TTAGGC
R704	TGACCA
R705	ACAGTG
R706	GCCAAT
R707	CAGATC
R708	ACTTGA
R709	GATCAG
R711	GGCTAC
R712	CTTGTA
R725	ACTGAT
R726	ATGAGC
R727	ATTCCT
R728	CAAAAG
R729	СААСТА
R730	CACCGG
R731	CACGAT
R732	CACTCA
R733	CAGGCG
R734	CATGGC
R735	CATTTT
R736	CCAACA
R749	GATGCT



Index 2 (i5) Adapter

i5 Index Name	i5 Bases for Sample Sheet MiSeq, HiSeq 2000/2500	i5 Bases for Sample Sheet MiniSeq, NextSeq, HiSeq 3000/4000
A501	TGAACCTT	AAGGTTCA
A502	TGCTAAGT	ACTTAGCA

TruSight RNA Pan-Cancer Panel

Universal Adapter

- ${\tt 5'} \quad {\tt AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCT}$
- Adapter, Index 1-12
- 5' GATCGGAAGAGCACACGTCTGAACTCCAGTCAC[6 bases]ATCTCGTATGCCGTCTTCTGCTTG Adapter, Index 13
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCAC[$\underline{6}$ bases]CAATCTCGTATGCCGTCTTCTGCTTG Adapter, Index 14
- $5\,^{\prime}\,$ GATCGGAAGAGCACGTCTGAACTCCAGTCAC[$\underline{6}\,$ bases] GTATCTCGTATGCCGTCTTCTGCTTG Adapter, Index 15 and Index 21
- 5' GATCGGAAGAGCACACGTCTGAACTCCAGTCAC[6 bases]GAATCTCGTATGCCGTCTTCTGCTTG Adapter, Index 16 and Index 19
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCAC[$\underline{6}$ bases]CGATCTCGTATGCCGTCTTCTGCTTG Adapter, Index 18
- 5' GATCGGAAGAGCACACGTCTGAACTCCAGTCAC[6 bases]ACATCTCGTATGCCGTCTTCTGCTTG
 Adapter, Index 20 and Index 27
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCAC[$\underline{6}$ bases]TTATCTCGTATGCCGTCTTCTGCTTG Adapter, Index 22
- 5' GATCGGAAGAGCACACGTCTGAACTCCAGTCAC[6 bases]TAATCTCGTATGCCGTCTTCTGCTTG Adapter, Index 23 and Index 25
- 5' GATCGGAAGAGCACACGTCTGAACTCCAGTCAC[6 bases]ATATCTCGTATGCCGTCTTCTGCTTG

Index Adapters

In this set of adapters, index numbering does not include numbers 17, 24, or 26.

LT Set	A/B	Index Name	6-Base Sequence for Sample Sheet
E	3	AR001	ATCACG
P	A	AR002	CGATGT



LT Set A/B	Index Name	6-Base Sequence for Sample Sheet
В	AR003	TTAGGC
A	AR004	TGACCA
A	AR005	ACAGTG
Α	AR006	GCCAAT
А	AR007	CAGATC
В	AR008	ACTTGA
В	AR009	GATCAG
В	AR010	TAGCTT
В	AR011	GGCTAC
Α	AR012	CTTGTA
Α	AR013	AGTCAA
Α	AR014	AGTTCC
Α	AR015	ATGTCA
Α	AR016	CCGTCC
Α	AR018	GTCCGC
Α	AR019	GTGAAA
В	AR020	GTGGCC
В	AR021	GTTTCG
В	AR022	CGTACG
В	AR023	GAGTGG
В	AR025	ACTGAT
В	AR027	ATTCCT



Illumina Nextera Library Prep Kits

Includes Nextera DNA, Nextera XT, Nextera Enrichment (obsolete), and Nextera Rapid Capture

Nextera Transposase Adapters

(Used for Nextera tagmentation)

Read 1

5' TCGTCGGCAGCGTCAGATGTGTATAAGAGACAG

Read 2

5' GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAG

Nextera Index Kit – PCR Primers

Index 1 Read

5 ' CAAGCAGAAGACGGCATACGAGAT [$i_{\overline{1}}$]GTCTCGTGGGCTCGG

Index 2 Read

5' AATGATACGGCGACCACCGAGATCTACAC[i5]TCGTCGGCAGCGTC

Nextera Index Kit - Index 1 (i7) Adapters

Bases in Adapter	i7 Index Name	i7 Bases for Sample Sheet
TCGCCTTA	N701	TAAGGCGA
CTAGTACG	N702	CGTACTAG
TTCTGCCT	N703	AGGCAGAA
GCTCAGGA	N704	TCCTGAGC
AGGAGTCC	N705	GGACTCCT
CATGCCTA	N706	TAGGCATG
GTAGAGAG	N707	CTCTCTAC
CCTCTCTG	N708	CAGAGAGG
AGCGTAGC	N709	GCTACGCT
CAGCCTCG	N710	CGAGGCTG
TGCCTCTT	N711	AAGAGGCA
TCCTCTAC	N712	GTAGAGGA



Nextera Index Kit - Index 2 (i5) Adapters

The i5 index names vary for different Nextera products as follows:

- N50x—Nextera DNA
- S50x—Nextera XT
- E50x—Nextera Enrichment and Nextera Rapid Capture

Bases in Adapter	i5 Index Name	i5 Bases for Sample Sheet MiSeq, HiSeq 2000/2500	i5 Bases for Sample Sheet MiniSeq, NextSeq, HiSeq 3000/4000
TAGATCGC	[N/S/E]501	TAGATCGC	GCGATCTA
CTCTCTAT	[N/S/E]502	CTCTCTAT	ATAGAGAG
TATCCTCT	[N/S/E]503	TATCCTCT	AGAGGATA
AGAGTAGA	[N/S/E]504	AGAGTAGA	TCTACTCT
GTAAGGAG	[N/S/E]505	GTAAGGAG	CTCCTTAC
ACTGCATA	[N/S/E]506	ACTGCATA	TATGCAGT
AAGGAGTA	[N/S/E]507	AAGGAGTA	TACTCCTT
CTAAGCCT	[N/S/E]508	CTAAGCCT	AGGCTTAG
GCGTAAGA	[N/S/E]517	GCGTAAGA	TCTTACGC

Nextera XT Index Kit v2 - Index 1 (i7) Adapters

Bases in Adapter	i7 Index Name	i7 Bases for Entry on Sample Sheet
TCGCCTTA	N701	TAAGGCGA
CTAGTACG	N702	CGTACTAG
TTCTGCCT	N703	AGGCAGAA
GCTCAGGA	N704	TCCTGAGC
AGGAGTCC	N705	GGACTCCT
CATGCCTA	N706	TAGGCATG
GTAGAGAG	N707	CTCTCTAC
CAGCCTCG	N710	CGAGGCTG
TGCCTCTT	N711	AAGAGGCA
TCCTCTAC	N712	GTAGAGGA
TCATGAGC	N714	GCTCATGA



Bases in Adapter	i7 Index Name	i7 Bases for Entry on Sample Sheet
CCTGAGAT	N715	ATCTCAGG
TAGCGAGT	N716	ACTCGCTA
GTAGCTCC	N718	GGAGCTAC
TACTACGC	N719	GCGTAGTA
AGGCTCCG	N720	CGGAGCCT
GCAGCGTA	N721	TACGCTGC
CTGCGCAT	N722	ATGCGCAG
GAGCGCTA	N723	TAGCGCTC
CGCTCAGT	N724	ACTGAGCG
GTCTTAGG	N726	CCTAAGAC
ACTGATCG	N727	CGATCAGT
TAGCTGCA	N728	TGCAGCTA
GACGTCGA	N729	TCGACGTC

Nextera XT Index Kit v2 - Index 2 (i5) Adapters

Bases in Adapter	i5 Index Name	i5 Bases for Sample Sheet MiSeq, HiSeq 2000/2500	i5 Bases for Sample Sheet MiniSeq, NextSeq, HiSeq 3000/4000
CTCTCTAT	S502	CTCTCTAT	ATAGAGAG
TATCCTCT	S503	TATCCTCT	AGAGGATA
GTAAGGAG	S505	GTAAGGAG	CTCCTTAC
ACTGCATA	S506	ACTGCATA	TATGCAGT
AAGGAGTA	S507	AAGGAGTA	TACTCCTT
CTAAGCCT	S508	CTAAGCCT	AGGCTTAG
CGTCTAAT	S510	CGTCTAAT	ATTAGACG
TCTCTCCG	S511	TCTCTCCG	CGGAGAGA
TCGACTAG	S513	TCGACTAG	CTAGTCGA
TTCTAGCT	S515	TTCTAGCT	AGCTAGAA
CCTAGAGT	S516	CCTAGAGT	ACTCTAGG



Bases in Adapter	i5 Index Name	i5 Bases for Sample Sheet MiSeq, HiSeq 2000/2500	i5 Bases for Sample Sheet MiniSeq, NextSeq, HiSeq 3000/4000
GCGTAAGA	S517	GCGTAAGA	TCTTACGC
CTATTAAG	S518	CTATTAAG	CTTAATAG
AAGGCTAT	S520	AAGGCTAT	ATAGCCTT
GAGCCTTA	S521	GAGCCTTA	TAAGGCTC
TTATGCGA	S522	TTATGCGA	TCGCATAA



TruSeq Amplicon Kits

TruSeq Custom Amplicon 1.5, TruSeq Amplicon Cancer Panel, and TruSeq Custom Amplicon Low Input

Index 1 (i7) Adapters

i7 Index Name	i7 Bases for Sample Sheet
A701	ATCACGAC
A702	ACAGTGGT
A703	CAGATCCA
A704	ACAAACGG
A705	ACCCAGCA
A706	AACCCCTC
A707	CCCAACCT
A708	CACCACAC
A709	GAAACCCA
A710	TGTGACCA
A711	AGGGTCAA
A712	AGGAGTGG

Index 2 (i5) Adapter

i5 Index Name	i5 Bases for Sample Sheet MiSeq, HiSeq 2000/2500	i5 Bases for Sample Sheet MiniSeq, NextSeq, HiSeq 3000/4000
A501	TGAACCTT	AAGGTTCA
A502	TGCTAAGT	ACTTAGCA
A503	TGTTCTCT	AGAGAACA
A504	TAAGACAC	GTGTCTTA
A505	CTAATCGA	TCGATTAG
A506	CTAGAACA	TGTTCTAG
A507	TAAGTTCC	GGAACTTA
A508	TAGACCTA	TAGGTCTA



TruSeq DNA Methylation

Index PCR Primers

5' CAAGCAGAAGACGGCATACGAGAT[6 bases]GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT

Index Adapters

Index Name	6-Base Sequence for Sample Sheet
Index 1	ATCACG
Index 2	CGATGT
Index 3	TTAGGC
Index 4	TGACCA
Index 5	ACAGTG
Index 6	GCCAAT
Index 7	CAGATC
Index 8	ACTTGA
Index 9	GATCAG
Index 10	TAGCTT
Index 11	GGCTAC
Index 12	CTTGTA

TruSeq HT Kits

Includes TruSeq DNA PCR-Free HT, TruSeq Nano HT, TruSeq Stranded mRNA HT, and TruSeq Total RNA HT

D501-D508 Adapters

 $\texttt{AATGATACGGCGACCACCGAGATCTACAC} [\,\underline{\textbf{i5}}\,] \texttt{ACACTCTTTCCCTACACGACGCTCTTCCGATCT}$

D701-D712 Adapters

 $\texttt{GATCGGAAGAGCACACGTCTGAACTCCAGTCAC[}\,\underline{\textbf{i7}}\,\texttt{]}\,\texttt{ATCTCGTATGCCGTCTTCTGCTTG}$



Index 1 (i7) Adapters

i7 Index Name	i7 Bases for Sample Sheet
D701	ATTACTCG
D702	TCCGGAGA
D703	CGCTCATT
D704	GAGATTCC
D705	ATTCAGAA
D706	GAATTCGT
D707	CTGAAGCT
D708	TAATGCGC
D709	CGGCTATG
D710	TCCGCGAA
D711	TCTCGCGC
D712	AGCGATAG

Index 2 (i5) Adapters

i5 Index Name	i5 Bases for Sample Sheet MiSeq, HiSeq 2000/2500	i5 Bases for Sample Sheet MiniSeq, NextSeq, HiSeq 3000/4000
D501	TATAGCCT	AGGCTATA
D502	ATAGAGGC	GCCTCTAT
D503	CCTATCCT	AGGATAGG
D504	GGCTCTGA	TCAGAGCC
D505	AGGCGAAG	CTTCGCCT
D506	TAATCTTA	TAAGATTA
D507	CAGGACGT	ACGTCCTG
D508	GTACTGAC	GTCAGTAC



TruSeq LT Kits and TruSeq v1/v2 Kits

Includes TruSeq DNA PCR-Free LT, TruSeq Nano DNA LT, TruSeq DNA v1/v2/LT (obsolete), TruSeq RNA v1/v2/LT, TruSeq Stranded mRNA LT, TruSeq Stranded Total RNA LT, TruSeq RNA Access, and TruSeq ChIP

Index sequences are 6 bases as underlined. Enter the underlined 6 bases on the sample sheet.

TruSeq Universal Adapter

5' AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCT

TruSeq Index Adapters (Index 1–27)

Index numbers 17, 24, and 26 are reserved.

TruSeq Adapter, Index 1

- 5' GATCGGAAGACCACGTCTGAACTCCAGTCACATCACGATCTCGTATGCCGTCTTCTGCTTG
 TruSeq Adapter, Index 2
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCACCGATGTATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 3
- 5' GATCGGAAGAGCACACGTCTGAACTCCAGTCAC<u>TTAGGC</u>ATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 4
- 5' GATCGGAAGAGCACACGTCTGAACTCCAGTCAC<u>TGACCA</u>ATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 5
- 5' GATCGGAAGAGCACACGTCTGAACTCCAGTCAC<u>ACAGTG</u>ATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 6
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCACGCCAATATCTCGTATGCCGTCTTCTGCTTG
 TruSeq Adapter, Index 7
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCAC<u>CAGATC</u>ATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 8
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCAC<u>ACTTGA</u>ATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 9
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCACGATCAGATCTCGTATGCCGTCTTCTGCTTG
 TruSeq Adapter, Index 10
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCAC<u>TAGCTT</u>ATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 11
- 5' GATCGGAAGAGCACACGTCTGAACTCCAGTCACGGCTACATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 12
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCACCTTGTAATCTCGTATGCCGTCTTCTGCTTG



TruSeq Adapter, Index 13

- 5' GATCGGAAGACCACGTCTGAACTCCAGTCACAGTCAACAATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 14
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCAC<u>AGTTCC</u>GTATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 15
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCAC<u>ATGTCA</u>GAATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 16
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCAC<u>CCGTCC</u>CGATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 18
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCACGTCCGCACATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 19
- 5' GATCGGAAGAGCACACGTCTGAACTCCAGTCACGTGAAACGATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 20
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCACGTGGCCTTATCTCGTATGCCGTCTTCTGCTTG
 TruSeq Adapter, Index 21
- 5 ' GATCGGAAGACCACGTCTGAACTCCAGTCACGTTTCGGAATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 22
- 5' GATCGGAAGACCACGTCTGAACTCCAGTCACCGTACGTAATCTCGTATGCCGTCTTCTGCTTG
 TruSeq Adapter, Index 23
- 5 ' GATCGGAAGACCACGTCTGAACTCCAGTCAC \underline{GAGTGG} ATATCTCGTATGCCGTCTTCTGCTTG TruSeq Adapter, Index 25
- 5' GATCGGAAGACCACCTCTGAACTCCAGTCACACTGATATATCTCGTATGCCGTCTTCTGCTTG
 TruSeq Adapter, Index 27
- 5' GATCGGAAGAGCACACGTCTGAACTCCAGTCACATTCCTTTATCTCGTATGCCGTCTTCTGCTTG

TruSeq Ribo Profile

3' Adapter

5' AGATCGGAAGAGCACACGTCT

Forward PCR Primer

5' ATGATACGGCGACCACCGAGATCTACACGTTCAGAGTTCTACAGTCCGACG

Index PCR Primers

5' CAAGCAGAAGACGCATACGAGAT[6 bases]GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT

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Index Adapters

Index Name	6-Base Sequence for Sample Sheet
A001	ATCACG
A002	CGATGT
A003	TTAGGC
A004	TGACCA
A005	ACAGTG
A006	GCCAAT
A007	CAGATC
A008	ACTTGA
A009	GATCAG
A010	TAGCTT
A011	GGCTAC
A012	CTTGTA

TruSeq Synthetic Long-Read DNA

Double-stranded DNA adapter containing long-range PCR primer binding site, sequencing primer binding site, and end marker sequence.

Long Reads Adapter

 $\verb§5' CCGGTTCTTCCCTGCCGAACCCTATCTTCGTCGGCAGCGTCAGATGTGTATAAGAGACAGTACGCTTGCAT\\$

TruSeq Small RNA

RNA 5' Adapter (RA5)

5' GUUCAGAGUUCUACAGUCCGACGAUC

RNA 3' Adapter (RA3)

5' TGGAATTCTCGGGTGCCAAGG

Stop Oligo (STP)

5' GAAUUCCACCACGUUCCCGUGG

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RNA RT Primer (RTP)

5' GCCTTGGCACCCGAGAATTCCA

RNA PCR Primer (RP1)

5' AATGATACGGCGACCACCGAGATCTACACGTTCAGAGTTCTACAGTCCGA

RNA PCR Index Primers (RPI1-RPI48)

Index sequence is 6 bases as underlined. Enter the underlined 6 bases on the sample sheet. Index sequences are read in the reverse complement in TruSeq small RNA libraries.

RNA PCR Primer, Index 1 (RPI1)

- 5' CAAGCAGAAGACGGCATACGAGATCGTGATGTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 2 (RPI2)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>ACATCG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 3 (RPI3)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>GCCTAA</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 4 (RPI4)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>TGGTCA</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 5 (RPI5)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>CACTGT</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 6 (RPI6)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>ATTGGC</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 7 (RPI7)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>GATCTG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 8 (RPI8)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>TCAAGT</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 9 (RPI9)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>CTGATC</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 10 (RPI10)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>AAGCTA</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 11 (RPI11)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>GTAGCC</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 12 (RPI12)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>TACAAG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 13 (RPI13)
- ${\tt 5'CAAGCAGAAGACGGCATACGAGATTTGACTGTGACTGGAGTTCCTTGGCACCCGAGAATTCCA}\\$



RNA PCR Primer, Index 14 (RPI14)

- 5' CAAGCAGAAGACGGCATACGAGAT<u>GGAACT</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 15 (RPI15)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>TGACAT</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 16 (RPI16)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>GGACGG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 17 (RPI17)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>CTCTAC</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 18 (RPI18)
- 5' CAAGCAGAAGACGCATACGAGAT<u>GCGGAC</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 19 (RPI19)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>TTTCAC</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 20 (RPI20)
- 5' CAAGCAGAAGACGGCATACGAGATGGCCACGTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 21 (RPI21)
- 5' CAAGCAGAAGACGCATACGAGAT<u>CGAAAC</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 22 (RPI22)
- 5' CAAGCAGAAGACGCATACGAGAT<u>CGTACG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 23 (RPI23)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>CCACTC</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 24 (RPI24)
- 5' CAAGCAGAAGACGGCATACGAGATGCTACCGTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 25 (RPI25)
- 5' CAAGCAGAAGACGCATACGAGAT<u>ATCAGT</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 26 (RPI26)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>GCTCAT</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 27 (RPI27)
- 5' CAAGCAGAAGACGGCATACGAGATAGGAATGTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 28 (RPI28)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>CTTTTG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 29 (RPI29)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>TAGTTG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 30 (RPI30)
- 5' CAAGCAGAAGACGCATACGAGATCCGGTGGTGACTGGAGTTCCTTGGCACCCGAGAATTCCA



RNA PCR Primer, Index 31 (RPI31)

- 5' CAAGCAGAAGACGGCATACGAGAT<u>ATCGTG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 32 (RPI32)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>TGAGTG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 33 (RPI33)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>CGCCTG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 34 (RPI34)
- 5' CAAGCAGAAGACGGCATACGAGATGCCATGGTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 35 (RPI35)
- 5' CAAGCAGAAGACGCATACGAGAT<u>AAAATG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 36 (RPI36)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>TGTTGG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 37 (RPI37)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>ATTCCG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 38 (RPI38)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>AGCTAG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 39 (RPI39)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>GTATAG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 40 (RPI40)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>TCTGAG</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 41 (RPI41)
- 5' CAAGCAGAAGACGGCATACGAGATGTCGTCGTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 42 (RPI42)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>CGATTA</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 43 (RPI43)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>GCTGTA</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 44 (RPI44)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>ATTATA</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 45 (RPI45)
- 5' CAAGCAGAAGACGGCATACGAGAT<u>GAATGA</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 46 (RPI46)
- 5 ' CAAGCAGAAGACGGCATACGAGAT<u>TCGGGA</u>GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA RNA PCR Primer, Index 47 (RPI47)
- 5' CAAGCAGAAGACGCATACGAGATCTTCGAGTGACTGGAGTTCCTTGGCACCCGAGAATTCCA



RNA PCR Primer, Index 48 (RPI48)

 ${\tt 5'CAAGCAGAAGACGGCATACGAGAT\underline{TGCCGA}GTGACTGGAGTTCCTTGGCACCCGAGAATTCCA}$

TruSeq Targeted RNA Expression

Index 1 (i7) Adapters

i7 Index Name	i7 Bases for Sample Sheet	i7 Index Name	i7 Bases for Sample Sheet
R701	ATCACG	R725	ACTGAT
R702	CGATGT	R726	ATGAGC
R703	TTAGGC	R727	ATTCCT
R704	TGACCA	R728	CAAAAG
R705	ACAGTG	R729	CAACTA
R706	GCCAAT	R730	CACCGG
R707	CAGATC	R731	CACGAT
R708	ACTTGA	R732	CACTCA
R709	GATCAG	R733	CAGGCG
R710	TAGCTT	R734	CATGGC
R711	GGCTAC	R735	CATTTT
R712	CTTGTA	R736	CCAACA
R713	AGTCAA	R737	CGGAAT
R714	AGTTCC	R738	CTAGCT
R715	ATGTCA	R739	CTATAC
R716	CCGTCC	R740	CTCAGA
R717	GTAGAG	R741	GACGAC
R718	GTCCGC	R742	TAATCG
R719	GTGAAA	R743	TACAGC
R720	GTGGCC	R744	TATAAT
R721	GTTTCG	R745	TCATTC
R722	CGTACG	R746	TCCCGA



i7 Index Name	i7 Bases for Sample Sheet	i7 Index Name	i7 Bases for Sample Sheet
R723	GAGTGG	R747	TCGAAG
R724	GGTAGC	R748	TCGGCA

Index 2 (i5) Adapter

i5 Index Name	i5 Bases for Sample Sheet MiSeq, HiSeq 2000/2500	i5 Bases for Sample Sheet MiniSeq, NextSeq, HiSeq 3000/4000
A501	TGAACCTT	AAGGTTCA
A502	TGCTAAGT	ACTTAGCA
A503	TGTTCTCT	AGAGAACA
A504	TAAGACAC	GTGTCTTA
A505	CTAATCGA	TCGATTAG
A506	CTAGAACA	TGTTCTAG
A507	TAAGTTCC	GGAACTTA
A508	TAGACCTA	TAGGTCTA



Appendix

Process Controls for TruSeq Kits

Included in TruSeq DNA PCR-Free, TruSeq Nano DNA, TruSeq RNA (v1/v2/LT/HT), and TruSeq Exome Kits CTE2 - 150bp

CTE2 - 250bp

ATCCTGCAGATGCATCCAGTACTAGTATGGCCCGGGGGATCCTTATCTGTCAAAACCGCTAATGTCCGTTCTAAGACCGT CTGGAGAACACTTGCCCATCAGTGCTTTTGAACCTTTTTTTCACAGGTCCCTTCCGATTACACTGAGAAGCTGACCACAC CTGCTAGAAGATGGAGGTATGCAGCCCGTTAGTAGGAGTAATACTACCCAGCTTATAACCCTCAAACGTAGGGCAGATGG CGGCCGCGAT

CTE2 - 350bp

CTE2 - 450bp

CTE2 - 550bp

CTE2 - 650bp

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CTE2 - 750bp

CTE2 - 850bp

CTE1 - 123bp

CTE1 - 223bp

GATCCTTATCTGTCAAAACCGCTAATGTCCGTTCTAAGACCGTCTGGAGAACACTTGCCCATCAGTGCTTTTGAACCTTT
TTTTCACAGGTCCCTTCCGATTACACTGAGAAGCTGACCACACCTGCTAGAAGATGGAGGTATGCAGCCCGTTAGTAGGA
GTAATACTACCCAGCTTATAACCCTCAAACGTAGGGCAGATGGCGGCCGCGATATCCTGCAGATGCA

CTE1 - 323bp

GATCCTAGAGACCATTCGCGATTCCATGAGACTCCAAGGGTTCTGCACAACTTATGCACCTCTATTAGATCATTGTTTC
TACGAAGCCTGGACTGCATTACATATTCACAACCAACATGAGAAGAGCGGAATAGATGGCCGGATGTTTGGTGGCTTTGA
TATATTGTGAGGAGCATTGCGAACCCTAGAGCTGTCCGGTCAAATAACCCCCTCACAATAAGTGTAATGTCATGGGATAA
TCAAAAGACTAAGGGAGGGCTTTTATAGAAGGCGTGAGGTCATGCTATCCCCCTCTGAAGACGCGGCCGCGATATCCTGC
AGATGCA

CTE1 - 423bp

GATCCGTATACGTTTCTAATTTGTAGTTAACGGTTGGATACCACTTTGAGGCATGTAATATGGTACTGAGCTTCGGCACA
GGGCTCAAATTGCATCATTAAATGTCTCCGATGTGGCTATATGTCATGGATAAAGGCAGCCCCCTATATCTTTTTTTGTG
GCAGCATGGGTCCATCAAAGCAATTATTCAGGGTCTTAATGACCTCCACAGCTCTAAACGTAATTCATCTGGCTTTGCCT
GTACTTACTTCCTCCATGAAAAAAAAGTGTTGATAATGCTCATAATGCTGCCCAGCAATTTCCTCCCTTCTCAAGACTATT
CTGGCTTCCTGGGTACTTAAAAACAGGGCTTAGAGTATGGCTGCTGACAAAATTGCACTCTAAACGCTAGCTTAGGTCTT
CTGCGGCCGCGCATATCCTGCAGATGCA

CTE1 - 523bp

GATCCGTTAGCTATCGTTCGCGAGAAAGTTAGTAGACACACAGGACCCAGGCGTGCAAGTCAATTTCAGCTGACTACACC GATTCTGGTTAAAAGAGCCTATGGCCACCCTTATTTTAGAGAAAAAAACCACACCTCTAATGTGTTGGGCACTAGAAAA AGCTAACTACCTAGTCCGTTTCTGGACGACTTCATTGGGAATAACATACCCCCCACTGTGATTAAGACTGGCACTGTCCT

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CTE1 - 623bp

CTE1 - 723bp

CTE1 - 823bp

CTA - 150bp

CTA - 250bp

GGGGGATCCTTATCTGTCAAAACCGCTAATGTCCGTTCTAAGACCGTCTGGAGAACACTTGCCCATCAGTGCTTTTGAACCTTTTTTTCACAGGTCCCTTCCGATTACACTGAGAAGCTGACCACCCTGCTAGAAGATGGAGGTATGCAGCCCGTTAGTAGGAGGTAATACTACCCCAGGCTTATAACCCTCAAACGTAGGGCAGATGGCGGCCGGGATATCCTGCAGATGCATCCAGTACTAGTATGGCCC

CTA - 350bp

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CTA - 450bp

CTA - 550bp

CTA - 650bp

CTA - 750bp

GGGGGATCCTTGGACCGTTAATTCATATATCGAAGTAGCAGGTTGTTGCCCCGCCTGATGTTGCCACTACTTGCTCATGA
CAGTTTTTTTAGGCAATGCAAACTACTATTTGATATTTTTTTCCAAGTACAGTTGTAGGGTACTCCTTATACTGATTCTT
CTGAGCCTGTACGGGGGAGCATTAGGTACTGATGTAGTAGTAGGAGTTGAGCCTCACAAATTCACCAGGTAAGCCCAAATTTAT
TTTCTGCTTGGACAGGTCCACCTCACATGGGTCTGTCTAATATATTAAAAGAGGGATTTTCTTTTGCTGTATTTGCAGCCCA
GTATATCTGTTACTTACAGTAGTAGTCCATTATTGCTGGCCTAGGGGCTTTTGCTCCTACACGAACACCACTCTGTAAAA
TTTGAGGTCGTCCTTAGAGTCAAACCATTCATGGAGCGCTCTGTGCATCTACCAACTATCGCTAAGCATTCACTTGGTTG
GTTTAAGTGGAGGCAACTCCATTATCTTCTAGCATACCCTTCCCAGGCTACATGTAGAAAGAGATCTGTTGGGCCCCACT
ATTTTTTCACCCAGGGAAGCCTACTTTAGTTATAGCTTGCCAGAGATTTTCTTGTTCATGTAGAAGTCATCCACTTTTAA
CACCAGGAGGTGGATGTGGGGCCAGGAAATATGTCAATAACGATACGGGACTTCTAACAGTGACTCGCGGCCGCGATATC
CTGCAGATGCATCCAGTACTAGTATGGCCC

CTA - 850bp

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ATTGAGCCACATCAGGTAGGTGGGGAAGTAGATCAGTGAGGATGCTTCACATGTGTGGGCACTGGGAACAGAATGCTTCA
ATAACACGAGCTGACGAGGGCCCGCTATGAAAAAAAAAGATTCTCTGTGCCCCCTGGCGCCCTCCGCACTTAAAGAATTGAT
GACCGTGCGGCCGCGATATCCTGCAGATGCATCCAGTACTAGTATGGCCC

CTL - 150bp

CTL - 250bp

AGTATGGCCCGGGGGATCCTTATCTGTCAAAACCGCTAATGTCCGTTCTAAGACCGTCTGGAGAACACTTGCCCATCAGT GCTTTTGAACCTTTTTTCACAGGTCCCTTCCGATTACACTGAGAAGCTGACCACACCTGCTAGAAGATGGAGGTATGCA GCCCGTTAGTAGGAGTAATACTACCCAGCTTATAACCCTCAAACGTAGGGCAGATGGCGGCCGCGATATCCTGCAGATGC ATCCAGTACA

CTL - 350bp

CTL - 450bp

CTL - 550bp

CTL - 650bp

CTL - 750bp

AGTATGCCCCGGGGGATCCTTGGACCGTTAATTCATATATCGAAGTAGCAGGTTGTTGCCCCGCCTGATGTTGCCACTAC
TTGCTCATGACAGTTTTTTTAGGCAATGCAAACTACTATTTGATATTTTTTCCAAGTACAGTTGTAGGGTACTCCTTAT
ACTGATTCTTCTGAGCCTGTACGGGGAGCATTAGGTACTGATGTAGTAGGAGTTGAGCTTCACAAATTCACCAGGTAAGC

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CTL - 850bp



Legacy Kits

The kits listed in this section are no longer sold.

Nextera DNA Sample Prep Kit (Epicentre Biotechnologies)

(Obsolete)

As a replacement, use catalog # FC-121-1031.

Transposon Sequences

- 5'-GCCTCCCTCGCGCCATCAGAGATGTGTATAAGAGACAG
- 5'-GCCTTGCCAGCCCGCTCAGAGATGTGTATAAGAGACAG

Adapters (showing optional bar code)

- 5'-AATGATACGGCGACCACCGAGATCTACACGCCTCCCTCGCGCCATCAG
- 5'-CAAGCAGAAGACGCCATACGAGAT[barcode]CGGTCTGCCTTGCCAGCCCGCTCAG-3'

PCR Primers

- 5'-AATGATACGGCGACCACCGA
- 5'-CAAGCAGAAGACGGCATACGA

Oligonucleotide Sequences for Genomic DNA

(Obsolete)

Adapters

- 5' P-GATCGGAAGAGCTCGTATGCCGTCTTCTGCTTG
- 5' ACACTCTTTCCCTACACGACGCTCTTCCGATCT

PCR Primers

- 5 ' AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCT
- 5' CAAGCAGAAGACGGCATACGAGCTCTTCCGATCT

Genomic DNA Sequencing Primer

5' ACACTCTTTCCCTACACGACGCTCTTCCGATCT



Oligonucleotide Sequences for Paired End DNA

(Obsolete)

PE Adapters

- 5' P-GATCGGAAGAGCGGTTCAGCAGGAATGCCGAG
- 5' ACACTCTTTCCCTACACGACGCTCTTCCGATCT

PE PCR Primer 1.0

5' AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCT

PE PCR Primer 2.0

5' CAAGCAGAAGACGCATACGAGATCGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATCT

PE Read 1 Sequencing Primer

5' ACACTCTTTCCCTACACGACGCTCTTCCGATCT

PE Read 2 Sequencing Primer

5' CGGTCTCGGCATTCCTGCTGAACCGCTCTTCCGATCT

Oligonucleotide Sequences for the Multiplexing Sample Prep Oligo Only Kit

(Obsolete)

Multiplexing Adapters

- 5' P-GATCGGAAGAGCACACGTCT
- 5' ACACTCTTTCCCTACACGACGCTCTTCCGATCT

Multiplexing PCR Primer 1.0

5 ' AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCT

Multiplexing PCR Primer 2.0

5' GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT

Multiplexing Read 1 Sequencing Primer

5' ACACTCTTTCCCTACACGACGCTCTTCCGATCT

Multiplexing Index Read Sequencing Primer

5' GATCGGAAGAGCACACGTCTGAACTCCAGTCAC



Multiplexing Read 2 Sequencing Primer

5' GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT

PCR Primer Index Sequences 1–12

PCR Primer, Index 1

5' CAAGCAGAAGACGGCATACGAGATCGTGATGTGACTGGAGTTC

PCR Primer, Index 2

5' CAAGCAGAAGACGGCATACGAGATACATCGGTGACTGGAGTTC

PCR Primer, Index 3

5' CAAGCAGAAGACGGCATACGAGATGCCTAAGTGACTGGAGTTC

PCR Primer, Index 4

5' CAAGCAGAAGACGGCATACGAGATTGGTCAGTGACTGGAGTTC

PCR Primer, Index 5

5' CAAGCAGAAGACGGCATACGAGATCACTGTGTGACTGGAGTTC

PCR Primer, Index 6

5' CAAGCAGAAGACGGCATACGAGATATTGGCGTGACTGGAGTTC

PCR Primer, Index 7

5' CAAGCAGAAGACGGCATACGAGATGATCTGGTGACTGGAGTTC

PCR Primer, Index 8

5' CAAGCAGAAGACGGCATACGAGATTCAAGTGTGACTGGAGTTC

PCR Primer, Index 9

5' CAAGCAGAAGACGGCATACGAGATCTGATCGTGACTGGAGTTC

PCR Primer, Index 10

5' CAAGCAGAAGACGGCATACGAGATAAGCTAGTGACTGGAGTTC

PCR Primer, Index 11

5' CAAGCAGAAGACGGCATACGAGATGTAGCCGTGACTGGAGTTC

PCR Primer, Index 12

5' CAAGCAGAAGACGGCATACGAGATTACAAGGTGACTGGAGTTC

Oligonucleotide Sequences for the v1 and v1.5 Small RNA Kits

(Obsolete)

RT Primer

5 ' CAAGCAGAAGACGGCATACGA



- 5' RNA Adapter
- 5' GUUCAGAGUUCUACAGUCCGACGAUC
- 3' RNA Adapter
- 5' P-UCGUAUGCCGUCUUCUGCUUGUidT
- v1.5 Small RNA 3' Adapter
- 5' /5rApp/ATCTCGTATGCCGTCTTCTGCTTG/3ddC/

Small RNA PCR Primer 1

5' CAAGCAGAAGACGGCATACGA

Small RNA PCR Primer 2

5' AATGATACGGCGACCACCGACAGGTTCAGAGTTCTACAGTCCGA

Small RNA Sequencing Primer

5' CGACAGGTTCAGAGTTCTACAGTCCGACGATC



Revision History

Document	Date	Description of Change
Document # 100000002694 v01	February 2016	Corrected i5 adapter names for TruSight One to E502–E505. Added adapters for TruSight RNA Pan-Cancer, TruSeq DNA Methylation, and TruSeq Ribo Profile. Added MiniSeq where appropriate for reverse complement sequences. Added introduction, which explains when the reverse complement is required in the sample sheet.
Document # 100000002694 v00	October 2015	Added information for the following TruSight kits: TruSight Cardio, TruSight Myeloid Sequencing Panel, TruSight One, TruSight Rapid Capture, TruSight Tumor 15, and TruSight Tumor 26. Created a TruSeq Amplicon section for TruSeq Custom Amplicon 1.5, TruSeq Amplicon Cancer Panel, and TruSeq Custom Amplicon Low Input. Marked obsolete kits as obsolete. Grouped legacy kit information in new section titled Legacy Kits. Reformatted and reorganized the contents, and assigned document # 1000000002694.



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