Dear Customer,

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**Genomic DNA oligonucleotide sequences**

**Adapters**

5' P-GATCGGAAGAGCTCGTATGCCGTCTTCTGCTTG  
5' ACACTCTTTCCCTACACGACGCTCTTCCGATCTCT

**PCR Primers**

5' AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGAGCTCTTCCGATCT  
5' CAAGCAGAAGACGGCATACGAGCTCTTCCGATCT

**Genomic DNA Sequencing Primer**

5' ACACTCTTTCCCTACACGAGCTCTTCCGATCT

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1 The genomic DNA adapters and PCR primers are additionally modified, treated and purified in a proprietary manner. We cannot guarantee efficient cluster generation or sequencing if customer does not use adapters and PCR primers purchased from Illumina in the genomic DNA sample prep kit.
### Multiplexing DNA oligonucleotide sequences

**Multiplexing Adapters**

5'  P-GATCGGAAGAGCACACGTCT
5'  ACACCTCTTTCCCTACACGACGCTCTTCCGATCT

**Multiplexing PCR Primer 1.0**

5'  AATGATACGCACAGCTATACACTCTTTCCCTACACGACGCTCTTCCGATCT

**Multiplexing PCR Primer 2.0**

5'  GTGACCTGGAGTTTACACGACGCTCTTCCGATCT

**Multiplexing Read 1 Sequencing Primer**

5'  ACACTCTTTCCCTACACGACGCTCTTCCGATCT

**Multiplexing Index Read Sequencing Primer**

5'  GATCGGAAGAGACACGTCTGAACTCCAGTCAC

**Multiplexing Read 2 Sequencing Primer**

5'  GTGACTGGAGTTCAGACGTGTGCTCTTCCGATCT

**PCR Primer Index 1**

CAAGCAGAAGACCCATACGAGATCTGATGTCGACTGGAGTTC

**PCR Primer Index 2**

CAAGCAGAAGACGGCATACGAGATACATCGGTGACTGGAGTTC

**PCR Primer Index 3**

CAAGCAGAAGACCCATACGAGATACATCGGTGACTGGAGTTC

**PCR Primer Index 4**

CAAGCAGAAGACGGCATACGAGATACATCGGTGACTGGAGTTC

**PCR Primer Index 5**

CAAGCAGAAGACCCATACGAGATACATCGGTGACTGGAGTTC

**PCR Primer Index 6**

CAAGCAGAAGACGGCATACGAGATACATCGGTGACTGGAGTTC

**PCR Primer Index 7**

CAAGCAGAAGACCCATACGAGATACATCGGTGACTGGAGTTC

**PCR Primer Index 8**

CAAGCAGAAGACGGCATACGAGATACATCGGTGACTGGAGTTC

**PCR Primer Index 9**

CAAGCAGAAGACCCATACGAGATACATCGGTGACTGGAGTTC

**PCR Primer Index 10**

CAAGCAGAAGACGGCATACGAGATACATCGGTGACTGGAGTTC

**PCR Primer Index 11**

CAAGCAGAAGACGGCATACGAGATACATCGGTGACTGGAGTTC

**PCR Primer Index 12**

CAAGCAGAAGACCCATACGAGATACATCGGTGACTGGAGTTC

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### Paired End DNA oligonucleotide sequences

**PE Adapters**

5'  P-GATCGGAAGAGCGGTTCAGCAGGAATGCCGAG
5'  ACACCTCTTTCCCTACACGACGCTCTTCCGATCT

**PE PCR Primer 1.0**

5'  AATGATACGCGACGAGCTACACTCTTTCCCTACACGACGCTCTTCCGATCT
PE PCR Primer 2.0
5' CAAGCAGAAGACGGCATACGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTTCCGATCT

PE Read 1 Sequencing Primer
5' ACACTCTTTCCCTACAGACGCTCTTCCGATCT

PE Read 2 Sequencing Primer
5' CGGTCTCGGCATTCTGCTGAACCGCTCTTCCGATCT

*PE PCR Primer 2.0*
5' CAAGCAGAAGACGGCATACGAGATCGGTCTCGGCATTCTGCTGAACCGCTCTTCCGATCT

**DpnII gene expression oligonucleotide sequences**

**Gex Adapter 1**
5' P-GATCGTCCGACTGTAAGACTCTGAAC
5' ACAGTTCAGAGTTCTACAGTGAC

**Gex Adapter 2**
5' CAAGCAGAAGACGGCATACGAG
5' P-TCGTATGCCGTCTTCTGCTTG

**Gex PCR Primer 1**
5' CAAGCAGAAGACGGCATACGA

**Gex PCR Primer 2**
5' AATGATACGGCGACCAGGCTAGTTCTACAGTGAC

**Gex Sequencing Primer**
5' CGACAGTTCAGAGTTCTACAGTGACATG

*NlaIII gene expression oligonucleotide sequences*

**Gex Adapter 1**
5' P-TCGGACTGTAAGACTCTGAAC
5' ACAGTTCAGAGTTCTACAGTGAC

**Gex Adapter 2**
5' CAAGCAGAAGACGGCATACGAG
5' P-TCGTATGCCGTCTTCTGCTTG

**Gex PCR Primer 1**
5' CAAGCAGAAGACGGCATACGA

**Gex PCR Primer 2**
5' AATGATACGGCGACCAGGCTAGTTCTACAGTGAC

**Gex Sequencing Primer**
5' CGACAGTTCAGAGTTCTACAGTGACATG

Small RNA oligonucleotide sequences

**RT Primer**
5' CAAGCAGAAGACGGCATACGA

**5' RNA Adapter**
5' GUUCAAGUUCUACAGUGCCGACGUAC

**3' RNA Adapter**
5' P-UCGUUAUGCAGUCUUUGCUUGCAGTT

**Small RNA PCR Primer 1**
5' CAAGCAGAAGACGGCATACGA
**Small RNA PCR Primer 2**
5′ AATGATACGCGACACCACGACACGGTTCAGAGTTCTACAGTCCGA

**Small RNA Sequencing Primer**
5′ CGACAGGTTTCAGGTCTACAGTCCGACGATC

Please contact us if you have any questions.
Sincerely,
Customer Support - Illumina Inc.
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