



Dear Customer,

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Genomic DNA oligonucleotide sequences

Adapters¹

5' P-GATCGGAAGAGCTCGTATGCCGTCTTCTGCTTG

5' ACACTCTTTCCCTACACGACGCTCTTCCGATCT

PCR Primers¹

5' AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCT

5' CAAGCAGAAGACGGCATAACGAGCTCTTCCGATCT

Genomic DNA Sequencing Primer

5' ACACTCTTTCCCTACACGACGCTCTTCCGATCT

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 Adapters¹

5' P-GATCGGAAGAGCACACGTCT

5' ACACTCTTTCCCTACACGACGCTCTTCCGATCT

Multiplexing PCR Primer 1.0¹

5' AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCT

Multiplexing PCR Primer 2.0¹

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 1

CAAGCAGAAGACGGCATACGAGATCGTGATGTGACTGGAGTTC

PCR Primer Index 2

CAAGCAGAAGACGGCATACGAGATACATCGGTGACTGGAGTTC

PCR Primer Index 3

CAAGCAGAAGACGGCATACGAGATGCCTAAGTGACTGGAGTTC

PCR Primer Index 4

CAAGCAGAAGACGGCATACGAGATTGGTCAGTGACTGGAGTTC

PCR Primer Index 5

CAAGCAGAAGACGGCATACGAGATCACTGTGTGACTGGAGTTC

PCR Primer Index 6

CAAGCAGAAGACGGCATACGAGATATTGGCGTGACTGGAGTTC

PCR Primer Index 7

CAAGCAGAAGACGGCATACGAGATGATCTGGTGACTGGAGTTC

PCR Primer Index 8

CAAGCAGAAGACGGCATACGAGATTCAAGTGTGACTGGAGTTC

PCR Primer Index 9

CAAGCAGAAGACGGCATACGAGATCTGATCGTGACTGGAGTTC

PCR Primer Index 10

CAAGCAGAAGACGGCATACGAGATAAGCTAGTGACTGGAGTTC

PCR Primer Index 11

CAAGCAGAAGACGGCATACGAGATGTAGCCGTGACTGGAGTTC

PCR Primer Index 12

CAAGCAGAAGACGGCATACGAGATTACAAGGTGACTGGAGTTC

Paired End DNA oligonucleotide sequences

PE Adapters¹

5' P-GATCGGAAGAGCGGTTCAGCAGGAATGCCGAG

5' ACACTCTTTCCCTACACGACGCTCTTCCGATCT

PE PCR Primer 1.0¹

5' AATGATACGGCGACCACCGAGATCTACACTCTTTCCCTACACGACGCTCTTCCGATCT

PE PCR Primer 2.0¹

5' CAAGCAGAAGACGGCATAACGAGATCGGTCTCGGCATTCCCTGCTGAACCGCTCTTCCGATCT

PE Read 1 Sequencing Primer

5' ACACTCTTTCCCTACACGACGCTCTTCCGATCT

PE Read 2 Sequencing Primer

5' CGGTCTCGGCATTCCCTGCTGAACCGCTCTTCCGATCT

DpnII gene expression oligonucleotide sequences**Gex Adapter 1**

5' P-GATCGTCGGACTGTAGAACTCTGAAC

5' ACAGGTTTCAGAGTTCTACAGTCCGAC

Gex Adapter 2

5' CAAGCAGAAGACGGCATAACGANN

5' P-TCGTATGCCGTCTTCTGCTTG

Gex PCR Primer 1

5' CAAGCAGAAGACGGCATAACGA

Gex PCR Primer 2

5' AATGATACGGCGACCACCGACAGGTTTCAGAGTTCTACAGTCCGA

Gex Sequencing Primer

5' CGACAGGTTTCAGAGTTCTACAGTCCGACGATC

NlaIII gene expression oligonucleotide sequences**Gex Adapter 1**

5' P-TCGGACTGTAGAACTCTGAAC

5' ACAGGTTTCAGAGTTCTACAGTCCGACATG

Gex Adapter 2

5' CAAGCAGAAGACGGCATAACGANN

5' P-TCGTATGCCGTCTTCTGCTTG

Gex PCR Primer 1

5' CAAGCAGAAGACGGCATAACGA

Gex PCR Primer 2

5' AATGATACGGCGACCACCGACAGGTTTCAGAGTTCTACAGTCCGA

Gex Sequencing Primer

5' CCGACAGGTTTCAGAGTTCTACAGTCCGACATG

Small RNA oligonucleotide sequences**RT Primer**

5' CAAGCAGAAGACGGCATAACGA

5' RNA Adapter

5' GUUCAGAGUUCUACAGUCCGACGAUC

3' RNA Adapter

5' P-UCGUAUGCCGUCUUCUGCUUGUIdT

Small RNA PCR Primer 1

5' CAAGCAGAAGACGGCATAACGA

Small RNA PCR Primer 2

5 ' AATGATACGGCGACCACCGACAGGTTTCAGAGTTCTACAGTCCGA

Small RNA Sequencing Primer

5 ' CGACAGGTTTCAGAGTTCTACAGTCCGACGATC

Please contact us if you have any questions.

Sincerely,

Customer Support - Illumina Inc.

858-202-4566