Name	Well Position
Tagmentation_Primers_i5	Tube
	Tube
	Tube
	Tube
Tagmentation_Primers_i7	A1
	B1
	C1
	D1
	E1
	F1
	G1
	H1
	A2
	B2
	C2
	D2
	E2
	F2
	G2
	H2
	A3
	B3
	C3
	D3
	E3
	F3
	G3
	H3
	A4
	B4
	C4
	D4
	E4
	F4
	G4
	H4
	A5
	B5
	C5
	D5
	E5
	F5
	G5

H5
A6
B6
C6
D6
E6
F6
G6
H6
A7
B7
C7
D7
E7
F7
G7
H7
A8
B8
C8
D8
E8
F8
G8
H8
A9
B9
C9
D9
E9
F9
G9
H9
A10
B10
C10
D10
E10
F10
G10
H10
A11
B11
C11
D11

E11
F11
G11
H11
A12
B12
C12
D12
E12
F12
G12
H12

IDT-8nt-NXT Primer Mix-Plate_2

IDT-8nt-NXT Primer Mix-Plate_3

IDT-8nt-NXT Primer Mix-Plate_4

Primer Name
i5_1
i5_2
i5_3
i5_4
i7_1
i7_2
i7_3
i7_4
i7_5
i7_6
i7_7
i7_8
i7_9
i7_10
i7_11
i7_12
i7_13
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i7_87
i7_88
i7_89
i7_90
i7_91
i7_92
i7_93
i7_94
i7_95
i7_96

Primer Sequence (5'->3')

AATGATACGGCGACCACCGAGATCTACACCTACTGTATCGTCGGCAGCG*T*C
AATGATACGGCGACCACCGAGATCTACACATGACTCGTCGTCGGCAGCG*T*C
AATGATACGGCGACCACCGAGATCTACACTACTGAGCTCGTCGGCAGCG*T*C
AATGATACGGCGACCACCGAGATCTACACTCTGACATTCGTCGGCAGCG*T*C

CAAGCAGAAGACGGCATACGAGATAACCGCGGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGGTTATAAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCCAAGTCCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTTGGACTTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCAGTGGATGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTGACAAGCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCTAGCTTGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTCGATCCAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCCTGAACTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTTCAGGTCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAGTAGAGAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGACGAGAGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAGACTTGGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGAGTCCAAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCTTAAGCCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTCCGGATTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCTGTATTAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTCACGCCGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATACTTACATGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGTCCGTGCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAAGGTACCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGGAACGTTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAATTCTGCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGGCCTCATGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATATCTTAGTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGCTCCGACGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATATACCAAGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGCGTTGGAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCTTCACGGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTCCTGTAAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAGAATGCCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGAGGCATTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCCTCGGTAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTTCTAACGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATATGAGGCTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGCAGAATCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCACTACGAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTGTCGTAGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATACCACTTAGTCTCGTGGGCTC*G*G

CAAGCAGAAGACGGCATACGAGATGTTGTCCGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATATCCATATGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGCTTGCGCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAGTATCTTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGACGCTCCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCATGCCATGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTGCATTGCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATATTGGAACGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGCCAAGGTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCGAGATATGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTAGAGCGCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAACCTGTTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGGTTCACCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCATTGTTGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTGCCACCAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCTCTGCCTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTCTCATTCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATACGCCGCAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGTATTATGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGATAGATCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAGCGAGCTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCAGTTCCGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTGACCTTAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCTAGGCAAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTCGAATGGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCTTAGTGTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTCCGACACGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAACAGGAAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGGTGAAGGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCCTGTGGCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTTCACAATGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATACACGAGTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGTGTAGACGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGTTAATTGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATACCGGCCAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGGAGTACTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAAGACGTCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGTCTCGCAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATACTCTATGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGCGCCTGTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATATATTCACGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCTACAGTTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTCGTGACCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGGAAGCAGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAAGGATGAGTCTCGTGGGCTC*G*G

CAAGCAGAAGACGGCATACGAGATTATAACCTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCGCGGTTCGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTTGGTGAGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCCAACAGAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGTGCGATAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATACATAGCGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGAACATACGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAGGTGCGTGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATTATGAGTAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATCGCAGACGGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATGATATCGAGTCTCGTGGGCTC*G*G
CAAGCAGAAGACGGCATACGAGATAGCGCTAGGTCTCGTGGGCTC*G*G

Index Adapter Seq (5'->3')	Index Expected Seq (5'->3') [HiSeq 3000/400
CTACTGTA	TACAGTAG
ATGACTCG	CGAGTCAT
TACTGAGC	GCTCAGTA
TCTGACAT	ATGTCAGA
AACCGCGG	CCGCGGTT
GGTTATAA	TTATAACC
CCAAGTCC	GGACTTGG
TTGGACTT	AAGTCCAA
CAGTGGAT	ATCCACTG
TGACAAGC	GCTTGTCA
CTAGCTTG	CAAGCTAG
TCGATCCA	TGGATCGA
CCTGAACT	AGTTCAGG
TTCAGGTC	GACCTGAA
AGTAGAGA	TCTCTACT
GACGAGAG	CTCTCGTC
AGACTTGG	CCAAGTCT
GAGTCCAA	TTGGACTC
CTTAAGCC	GGCTTAAG
TCCGGATT	AATCCGGA
CTGTATTA	TAATACAG
TCACGCCG	CGGCGTGA
ACTTACAT	ATGTAAGT
GTCCGTGC	GCACGGAC
AAGGTACC	GGTACCTT
GGAACGTT	AACGTTCC
AATTCTGC	GCAGAATT
GGCCTCAT	ATGAGGCC
ATCTTAGT	ACTAAGAT
GCTCCGAC	GTCGGAGC
ATACCAAG	CTTGGTAT
GCGTTGGA	TCCAACGC
CTTCACGG	CCGTGAAG
TCCTGTAA	TTACAGGA
AGAATGCC	GGCATTCT
GAGGCATT	AATGCCTC
CCTCGGTA	TACCGAGG
TTCTAACG	CGTTAGAA
ATGAGGCT	AGCCTCAT
GCAGAATC	GATTCTGC
CACTACGA	TCGTAGTG
TGTCGTAG	CTACGACA
ACCACTTA	TAAGTGGT

GTTGTCCG	CGGACAAC
ATCCATAT	ATATGGAT
GCTTGCGC	GCGCAAGC
AGTATCTT	AAGATACT
GACGCTCC	GGAGCGTC
CATGCCAT	ATGGCATG
TGCATTGC	GCAATGCA
ATTGGAAC	GTTCCAAT
GCCAAGGT	ACCTTGGC
CGAGATAT	ATATCTCG
TAGAGCGC	GCGCTCTA
AACCTGTT	AACAGGTT
GGTTCACC	GGTGAACC
CATTGTTG	CAACAATG
TGCCACCA	TGGTGGCA
CTCTGCCT	AGGCAGAG
TCTCATTC	GAATGAGA
ACGCCGCA	TGCGGCGT
GTATTATG	CATAATAC
GATAGATC	GATCTATC
AGCGAGCT	AGCTCGCT
CAGTTCCG	CGGAACTG
TGACCTTA	TAAGGTCA
CTAGGCAA	TTGCCTAG
TCGAATGG	CCATTCGA
CTTAGTGT	ACACTAAG
TCCGACAC	GTGTCGGA
AACAGGAA	TTCCTGTT
GGTGAAGG	CCTTCACC
CCTGTGGC	GCCACAGG
TTCACAAT	ATTGTGAA
ACACGAGT	ACTCGTGT
GTGTAGAC	GTCTACAC
GTTAATTG	CAATTAAC
ACCGGCCA	TGGCCGGT
GGAGTACT	AGTACTCC
AAGACGTC	GACGTCTT
GTCTCGCA	TGCGAGAC
ACTCTATG	CATAGAGT
GCGCCTGT	ACAGGCGC
ATATTCAC	GTGAATAT
CTACAGTT	AACTGTAG
TCGTGACC	GGTCACGA
GGAAGCAG	CTGCTTCC
AAGGATGA	TCATCCTT

TATAACCT	AGGTTATA
CGCGGTTC	GAACCGCG
TTGGTGAG	CTCACCAA
CCAACAGA	TCTGTTGG
GTGCGATA	TATCGCAC
ACATAGCG	CGCTATGT
GAACATAC	GTATGTTC
AGGTGCGT	ACGCACCT
TATGAGTA	TACTCATA
CGCAGACG	CGTCTGCG
GATATCGA	TCGATATC
AGCGCTAG	CTAGCGCT

0/X, NextSeq 500/550, MiniSeq, iSeq)