

# NGS UDI Primer Set 96\_2

u7-Sequence (5'-3'):

CAAGCAGAAGACGGCATACGAGAT(u7)GTGACTGGAGTTCAGACGTGTGCTCTTCCGATC\*T

u5-Sequence (5'-3'):

AATGATACGGCGACCACCGAGATCTACAC(u5)ACACTCTTCCCTACACGACGCTCTTCCGATC\*T

Well	Name	u7-Index Sequence in Primer	Expected u7-Index Read	u5-Index Sequence in Primer	Expected u5-Index Read MiSeq®, NovaSeq®, HiSeq®2500, HiSeq2000	Expected u5-Index Read MiniSeq®, NextSeq®, HiSeq4000, HiSeq3000
A1	EF-UDP-097	AAGCACTG	CAGTGCTT	TCGTCTGA	TCGTCTGA	TCAGACGA
B1	EF-UDP-098	CATGGCTA	TAGCCATG	AGATACGG	AGATACGG	CCGTATCT
C1	EF-UDP-099	CTCCATGT	ACATGGAG	CCGCTTAA	CCGCTTAA	TTAAGCGG
D1	EF-UDP-100	GGAATTGC	GCAATTCC	AGCCGTAA	AGCCGTAA	TTACGGCT
E1	EF-UDP-101	ACACGGTT	AACCGTGT	CCACATTG	CCACATTG	CAATGTGG
F1	EF-UDP-102	CCTTGTAG	CTACAAGG	GCAATGAG	GCAATGAG	CTCATTGC
G1	EF-UDP-103	TCGAAGGT	ACCTTCGA	CGCCTTAT	CGCCTTAT	ATAAGGCG
H1	EF-UDP-104	CATGTTCC	GGAACATG	AACCAGAG	AACCAGAG	CTCTGGTT
A2	EF-UDP-105	GATACTGG	CCAGTATC	CACCAGTT	CACCAGTT	AACTGGTG
B2	EF-UDP-106	GGACTGTT	AACAGTCC	TTGCGAGA	TTGCGAGA	TCTCGCAA
C2	EF-UDP-107	GAATCCGA	TCGGATTC	ACAAGCTC	ACAAGCTC	GAGCTTGT
D2	EF-UDP-108	ACTCGTTG	CAACGAGT	GATAGCCA	GATAGCCA	TGGCTATC
E2	EF-UDP-109	AATACGCG	CGCGTATT	CAGAACTG	CAGAACTG	CAGTTCTG
F2	EF-UDP-110	GGATACCA	TGGTATCC	CAGATCCT	CAGATCCT	AGGATCTG
G2	EF-UDP-111	GTACCTTG	CAAGGTAC	ATCCTTCC	ATCCTTCC	GGAAGGAT
H2	EF-UDP-112	TGTACCGT	ACGGTACA	AGAAGCCT	AGAAGCCT	AGGCTTCT
A3	EF-UDP-113	AACGTGGA	TCCACGTT	CCTTCCAT	CCTTCCAT	ATGGAAGG
B3	EF-UDP-114	ACTGAGGT	ACCTCAGT	TAGAACGC	TAGAACGC	GCGTTCTA
C3	EF-UDP-115	TCTCGTGT	ACACGAGA	AACAGCGA	AACAGCGA	TCGCTGTT
D3	EF-UDP-116	CTACAGTG	CACTGTAG	ACCGGTTA	ACCGGTTA	TAACCGGT
E3	EF-UDP-117	TCTAACGC	GCGTTAGA	GATCAGAC	GATCAGAC	GTCTGATC
F3	EF-UDP-118	AAGGCGTT	AACGCCTT	CACGTCTA	CACGTCTA	TAGACGTG
G3	EF-UDP-119	GACATGGT	ACCATGTC	TCGAGAGT	TCGAGAGT	ACTCTCGA
H3	EF-UDP-120	GCAAGATC	GATCTTGC	ATACTGGC	ATACTGGC	GCCAGTAT
A4	EF-UDP-121	AGTTACGG	CCGTAACT	GGTTGAAC	GGTTGAAC	GTTCAACC
B4	EF-UDP-122	GCCTTGTT	AACAAGGC	CCTCGAAT	CCTCGAAT	ATTCGAGG
C4	EF-UDP-123	CGTTGCAA	TTGCAACG	TGGCTACA	TGGCTACA	TGTAGCCA
D4	EF-UDP-124	CCTGATTG	CAATCAGG	CAGGTAAG	CAGGTAAG	CTTACCTG
E4	EF-UDP-125	AGGTGTAC	GTACACCT	GTAAGCAC	GTAAGCAC	GTGCTTAC
F4	EF-UDP-126	CTAACTCG	CGAGTTAG	AACACGCT	AACACGCT	AGCGTGTT
G4	EF-UDP-127	ATGCCTGT	ACAGGCAT	TTACCGAC	TTACCGAC	GTCCGTAA
H4	EF-UDP-128	CATGGAAC	GTTCCATG	ACCGCTAT	ACCGCTAT	ATAGCGGT
A5	EF-UDP-129	GAATCGTG	CACGATTC	CATGAGCA	CATGAGCA	TGCTCATG
B5	EF-UDP-130	TCTGAGAG	CTCTCAGA	TGACCGTT	TGACCGTT	AACGGTCA
C5	EF-UDP-131	CCTTCGTT	GAACGAAG	ACACTCTG	ACACTCTG	CAGAGTGT
D5	EF-UDP-132	ACGTGATG	CATCACGT	GAGCAATC	GAGCAATC	GATTGCTC
E5	EF-UDP-133	TTACCGAG	CTCGGTAA	CAATGCGA	CAATGCGA	TCCGATTG
F5	EF-UDP-134	CTACTTGG	CCAAGTAG	CAACTTGG	CAACTTGG	CCAAGTTG
G5	EF-UDP-135	TGTACACC	GGTGTACA	TCTAGGAG	TCTAGGAG	CTCCTAGA
H5	EF-UDP-136	TTGACAGG	CCTGTCAA	CCAAGGTT	CCAAGGTT	AACCTTGG
A6	EF-UDP-137	CACGTTGT	ACAACGTG	CTGGTCAT	CTGGTCAT	ATGACCAG
B6	EF-UDP-138	ATGGTCCA	TGGACCAT	ACCATAGG	ACCATAGG	CCTATGGT

C6	EF-UDP-139	ACCATGTG	CACATGGT	GCCTTAAC	GCCTTAAC	GTTAAGGC
D6	EF-UDP-140	GGCAAGTT	AACTTGCC	TATGGCAC	TATGGCAC	GTGCCATA
E6	EF-UDP-141	AGATGAGG	CCTCATCT	ACGAATCC	ACGAATCC	GGATTTCGT
F6	EF-UDP-142	CGTGTACT	AGTACACG	TCACTCGA	TCACTCGA	TCGAGTGA
G6	EF-UDP-143	TAGGTAGG	CCTACCTA	CAGACGTT	CAGACGTT	AACGTCTG
H6	EF-UDP-144	CCTACTGA	TCAGTAGG	GTCAACAG	GTCAACAG	GTCTTTGAC
A7	EF-UDP-145	ACGATGAC	GTCATCGT	AGAGTCCA	AGAGTCCA	TGGACTCT
B7	EF-UDP-146	TACGCCTT	AAGGCGTA	GCTCAGTT	GCTCAGTT	AACTGAGC
C7	EF-UDP-147	GAAGGTTT	GAACCTTC	CAGGTTCA	CAGGTTCA	TGAACCTG
D7	EF-UDP-148	GAAGAGGT	ACCTCTTC	GAACGGTT	GAACGGTT	AACCGTTC
E7	EF-UDP-149	CAATCGAC	GTCGATTG	ACTACGGT	ACTACGGT	ACCGTAGT
F7	EF-UDP-150	TCCGTATG	CATACGGA	GTCTGAGT	GTCTGAGT	ACTCAGAC
G7	EF-UDP-151	GGTCAGAT	ATCTGACC	ACGCAGTA	ACGCAGTA	TACTGCGT
H7	EF-UDP-152	TATCGGTC	GACCGATA	GTAGCGTA	GTAGCGTA	TACGCTAC
A8	EF-UDP-153	ACATCCTG	CAGGATGT	AACGTAGC	AACGTAGC	GCTACGTT
B8	EF-UDP-154	ACTCCATC	GATGGAGT	TATGCGGT	TATGCGGT	ACCGCATA
C8	EF-UDP-155	TATGGCAG	CTGCCATA	AGAAGGAC	AGAAGGAC	GTCCTTCT
D8	EF-UDP-156	TCCTACCT	AGGTAGGA	ATGAGTGC	ATGAGTGC	GCACTCAT
E8	EF-UDP-157	CCGACTAT	ATAGTCGG	GGAATGTC	GGAATGTC	GACATTCC
F8	EF-UDP-158	TGATCGGA	TCCGATCA	CTCGTTCT	CTCGTTCT	AGAACGAG
G8	EF-UDP-159	GACAAGAG	CTCTTGTC	CCTTAGGT	CCTTAGGT	ACCTAAGG
H8	EF-UDP-160	AATGCCTC	GAGGCATT	GACTACGA	GACTACGA	TCGTAGTC
A9	EF-UDP-161	TAGTTGCG	CGCAACTA	AGGCAATG	AGGCAATG	CATTGCCT
B9	EF-UDP-162	CGTATTTC	CGAATACG	ATCCGTTG	ATCCGTTG	CAACGGAT
C9	EF-UDP-163	AGAATGCC	GGCATTCT	TTCGGCTA	TTCGGCTA	TAGCCGAA
D9	EF-UDP-164	GTCCACAT	ATGTGGAC	ACGTATGG	ACGTATGG	CCATACGT
E9	EF-UDP-165	ACCTGGAA	TTCCAGGT	CGGAGTAT	CGGAGTAT	ATACTCCG
F9	EF-UDP-166	GCATGTCT	AGACATGC	TCCAAC TG	TCCAAC TG	CAGTTGGA
G9	EF-UDP-167	TGATGTCC	GGACATCA	ACAGCAAG	ACAGCAAG	CTTGCTGT
H9	EF-UDP-168	TACACGCT	AGCGTGTA	TTGAGCTC	TTGAGCTC	GAGCTCAA
A10	EF-UDP-169	GAAGTACC	GGTACTTC	CCGGAATA	CCGGAATA	TATTCCGG
B10	EF-UDP-170	TCTGCTCT	AGAGCAGA	CGATTCTG	CGATTCTG	CAGAATCG
C10	EF-UDP-171	AGCTCCTA	TAGGAGCT	GCCTATGT	GCCTATGT	ACATAGGC
D10	EF-UDP-172	TAACGAGG	CCTCGTTA	CGTGTGAT	CGTGTGAT	ATCACACG
E10	EF-UDP-173	GACGATCT	AGATCGTC	AGACGCTA	AGACGCTA	TAGCGTCT
F10	EF-UDP-174	TTGATCCG	CGGATCAA	GGATGTAG	GGATGTAG	CTACATCC
G10	EF-UDP-175	ATGCACGA	TCGTGCAT	ACCGAATG	ACCGAATG	CATTCCGGT
H10	EF-UDP-176	GTATGCTG	CAGCATAC	GGAGGAAT	GGAGGAAT	ATTCTCTCC
A11	EF-UDP-177	TGTGAAGC	GCTTCACA	CATCCAAG	CATCCAAG	CTTGATG
B11	EF-UDP-178	CTCGTCTT	AAGACGAG	TGCAAGAC	TGCAAGAC	GTCTTGCA
C11	EF-UDP-179	AACCGAAG	CTTCGGTT	AGTCAGGT	AGTCAGGT	ACCTGACT
D11	EF-UDP-180	CGATGCTT	AAGCATCG	GATTGTCC	GATTGTCC	GGACAATC
E11	EF-UDP-181	AGCTTGAG	CTCAAGCT	CTGACTAC	CTGACTAC	GTAGTCAG
F11	EF-UDP-182	GTCACTGT	ACAGTGAC	AAGCGACT	AAGCGACT	AGTCGCTT
G11	EF-UDP-183	ATGTAGCG	CGCTACAT	TCCTGGTA	TCCTGGTA	TACCAGGA
H11	EF-UDP-184	AAGAAGGC	GCCTTCTT	AAGTCCTC	AAGTCCTC	GAGGACTT
A12	EF-UDP-185	AACGACGT	ACGTCGTT	AGCCTATC	AGCCTATC	GATAGGCT
B12	EF-UDP-186	AGACCGTA	TACGGTCT	GACACAGT	GACACAGT	ACTGTGTC
C12	EF-UDP-187	GGATCTTC	GAAGATCC	CTGTACCA	CTGTACCA	TGGTACAG
D12	EF-UDP-188	GTTAGACG	GTTAGACG	TACTCCAG	TACTCCAG	CTGGAGTA
E12	EF-UDP-189	GGTCTTAG	CTAAGACC	ACAGAGGT	ACAGAGGT	ACCTCTGT
F12	EF-UDP-190	CGTTATGC	GCATAACG	GGTAACGT	GGTAACGT	ACGTTACC
G12	EF-UDP-191	CTGTTAGG	CCTAACAG	ATGGCGAT	ATGGCGAT	ATCGCCAT
H12	EF-UDP-192	AAGTCCGT	ACGGACTT	TCACCTAG	TCACCTAG	CTAGGTGA