

NGS UDI Primer Set 96_1

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-001	ATCTTCGG	CCGAAGAT	AAGGAGAC	AAGGAGAC	GTCTCCTT
B1	EF-UDP-002	ATTCTGGC	GCCAGAAT	GTATCGAG	GTATCGAG	CTCGATAC
C1	EF-UDP-003	CAGGAGAT	ATCTCCTG	AGCTAAGC	AGCTAAGC	GCTTAGCT
D1	EF-UDP-004	CGGTCATA	TATGACCG	TACATCGG	TACATCGG	CCGATGTA
E1	EF-UDP-005	GAAGGAAG	CTTCCTTC	ATTCCGCT	ATTCCGCT	AGCGGAAT
F1	EF-UDP-006	GCACGTAA	TTACGTGC	TTCACGGA	TTCACGGA	TCCGTGAA
G1	EF-UDP-007	CCAATAGG	CCTATTGG	ACGCTTCT	ACGCTTCT	AGAAGCGT
H1	EF-UDP-008	CATGAGGA	TCCTCATG	GAACGTGA	GAACGTGA	TCACGTTC
A2	EF-UDP-009	CATCCTCT	AGAGGATG	GGACTACT	GGACTACT	AGTAGTCC
B2	EF-UDP-010	CTATCGCA	TGCGATAG	CCGATGTA	CCGATGTA	TACATCGG
C2	EF-UDP-011	CAGCGATT	AATCGCTG	GGATTAC	GGATTAC	GTGAATCC
D2	EF-UDP-012	TAGGATGC	GCATCCTA	AAGCTGGT	AAGCTGGT	ACCAGCTT
E2	EF-UDP-013	TCTCCGAT	ATCGGAGA	GATGCTAC	GATGCTAC	GTAGCATC
F2	EF-UDP-014	TCGGTTAC	GTAACCGA	ATCGTCTC	ATCGTCTC	GAGACGAT
G2	EF-UDP-015	CTTCTGAG	CTCAGAAG	TACTAGCG	TACTAGCG	CGCTAGTA
H2	EF-UDP-016	CCAGGATA	TATCCTGG	AAGTGCAG	AAGTGCAG	CTGCACTT
A3	EF-UDP-017	AGAGCCTT	AAGGCTCT	GGAAGAGA	GGAAGAGA	TCTCTTCC
B3	EF-UDP-018	CTTCCGTA	TACGGAAG	ATAGGTCC	ATAGGTCC	GGACCTAT
C3	EF-UDP-019	TGAGCTAG	CTAGCTCA	GATACCTG	GATACCTG	CAGGATATC
D3	EF-UDP-020	GCTGACTA	TAGTCAGC	CGATCGAT	CGATCGAT	ATCGATCG
E3	EF-UDP-021	GAACATCG	CGATGTTC	TAAGTGGC	TAAGTGGC	GCCACTTA
F3	EF-UDP-022	TGACTGAC	GTCAGTCA	ATGACAGG	ATGACAGG	CCTGTCAT
G3	EF-UDP-023	GACTTAGG	CCTAAGTC	TCGATGAC	TCGATGAC	GTCATCGA
H3	EF-UDP-024	GCTCTGTA	TACAGAGC	CTAGCAGT	CTAGCAGT	ACTGCTAG
A4	EF-UDP-025	AGGTCACT	AGTGACCT	TCATCTCC	TCATCTCC	GGAGATGA
B4	EF-UDP-026	GGTACTAC	GTAGTACC	CGACACTT	CGACACTT	AAGTGTCCG
C4	EF-UDP-027	CAAGGTCT	AGACCTTG	TCTAGTCC	TCTAGTCC	GGACTAGA
D4	EF-UDP-028	ATATGCGC	GCGCATAT	CTATGCCT	CTATGCCT	AGGCATAG
E4	EF-UDP-029	GAACGCTT	AAGCGTTC	GCCACTTA	GCCACTTA	TAAGTGGC
F4	EF-UDP-030	ACGGATTC	GAATCCGT	ACAGTTCG	ACAGTTCG	CGAAGCTGT
G4	EF-UDP-031	CGCAATCT	AGATTGCG	GGTCACTA	GGTCACTA	TAGTAGCC
H4	EF-UDP-032	AACTTGCC	GGCAAGTT	CCGTTATG	CCGTTATG	CATAACGG
A5	EF-UDP-033	GGCATACT	AGTATGCC	GGTACGAA	GGTACGAA	TTCGTACC
B5	EF-UDP-034	TCGTCTCA	TGAGACGA	ACTCGATC	ACTCGATC	GATCGAGT
C5	EF-UDP-035	GCGATAGT	ACTATCGC	GACGAACT	GACGAACT	AGTTCGTC
D5	EF-UDP-036	ATCCGGTA	TACCGGAT	CTTACAGC	CTTACAGC	GCTGTAAG
E5	EF-UDP-037	CGCTCTAT	ATAGAGCG	GCTACTCT	GCTACTCT	AGAGTAGC
F5	EF-UDP-038	TGTCCAGA	TCTGGACA	AACTCGGA	AACTCGGA	TCCGAGTT
G5	EF-UDP-039	TGCGAACT	AGTTCGCA	GTTAAGCG	GTTAAGCG	CGCTTAAC
H5	EF-UDP-040	GTAACGAC	GTCGTTAC	CAAGTCGT	CAAGTCGT	ACGACTTG
A6	EF-UDP-041	CGTCAATG	CATTGACG	GAGCTCTA	GAGCTCTA	TAGAGCTC
B6	EF-UDP-042	CTTGTCGA	TCGACAAG	AGGCTGAA	AGGCTGAA	TTCAGCCT

C6	EF-UDP-043	GATAGCGA	TCGCTATC	CTTGCTAG	CTTGCTAG	CTAGCAAG
D6	EF-UDP-044	GCTATCCT	AGGATAGC	TTCGAAGC	TTCGAAGC	GCTTCGAA
E6	EF-UDP-045	CGTGATCA	TGATCACG	ACTGCGAA	ACTGCGAA	TTCGCAGT
F6	EF-UDP-046	TCAGGCTT	AAGCCTGA	TAACGTCG	TAACGTCG	CGACGTTA
G6	EF-UDP-047	GAGATGTC	GACATCTC	AGAGACTC	AGAGACTC	GAGTCTCT
H6	EF-UDP-048	TTCTCTCG	CGAGAGAA	TACGACGT	TACGACGT	ACGTGCTA
A7	EF-UDP-049	GATTCAGC	GCTGAATC	AGGTTCCCT	AGGTTCCCT	AGGAACCT
B7	EF-UDP-050	CGGCTAAT	ATTAGCCG	GGCGAATA	GGCGAATA	TATTCGCC
C7	EF-UDP-051	ATTGAGCC	GGCTCAAT	CATCTGCT	CATCTGCT	AGCAGATG
D7	EF-UDP-052	CCTTCCTT	AAGGAAGG	GTCGAGAA	GTCGAGAA	TTCTCGAC
E7	EF-UDP-053	ATGACGTC	GACGTCAT	AATTCCGG	AATTCCGG	CCGGAATT
F7	EF-UDP-054	TTCCAAGG	CCTTGGAA	GAATGGCA	GAATGGCA	TGCCATTC
G7	EF-UDP-055	TGCGTAGA	TGCGTAGA	CTCGACTT	CTCGACTT	AAGTCCGAG
H7	EF-UDP-056	GTTGACCT	AGGTCAAC	TTCGTACG	TTCGTACG	CGTACGAA
A8	EF-UDP-057	TCAGATCC	GGATCTGA	CATTGCTC	CATTGCTC	GACGAATG
B8	EF-UDP-058	CTCAGAGT	ACTCTGAG	GCGTATCA	GCGTATCA	TGATACGC
C8	EF-UDP-059	CAGTCTTC	GAAGACTG	AGCTTCAG	AGCTTCAG	CTGAAGCT
D8	EF-UDP-060	TATCAGCG	CGCTGATA	GCATAGTC	GCATAGTC	GACTATGC
E8	EF-UDP-061	ATCTGTCC	GGACAGAT	AGTCGAAG	AGTCGAAG	CTTCGACT
F8	EF-UDP-062	CGCATGAT	ATCATGCG	TATCGCGA	TATCGCGA	TCGCGATA
G8	EF-UDP-063	CTGAGATC	GATCTCAG	CTCTATCG	CTCTATCG	CGATAGAG
H8	EF-UDP-064	CAAGCAGT	ACTGCTTG	TAGCAGGA	TAGCAGGA	TCCTGCTA
A9	EF-UDP-065	GAGCAGTA	TA CTGCTC	AGTGGCAA	AGTGGCAA	TTGCCACT
B9	EF-UDP-066	ATCTCGCT	AGCGAGAT	GAGAAGGT	GAGAAGGT	ACCTTCTC
C9	EF-UDP-067	GTCGAAGA	TCTTCGAC	ATGCGTCA	ATGCGTCA	TGACGCAT
D9	EF-UDP-068	CTAGGCAT	ATGCCTAG	TGCACTTG	TGCACTTG	CAAGTGCA
E9	EF-UDP-069	TCAAGGAC	GTCCTTGA	ACTTGGCT	ACTTGGCT	AGCCAAGT
F9	EF-UDP-070	CTGATCGT	ACGATCAG	TAGCTTCC	TAGCTTCC	GGAAGCTA
G9	EF-UDP-071	CATCGTGA	TCACGATG	CTGAACGT	CTGAACGT	ACGTTTCC
H9	EF-UDP-072	GATTACCG	CGGTAATC	TCCTGACT	TCCTGACT	AGTCAGGA
A10	EF-UDP-073	TTGCAGAC	TTGCAGAC	CCTAGAGA	CCTAGAGA	TCTCTAGG
B10	EF-UDP-074	ACATTGCG	CGCAATGT	GTGAGACT	GTGAGACT	AGTCTCAC
C10	EF-UDP-075	TCCTTAGC	GCTAAGGA	CGAAGTCA	CGAAGTCA	TGACTTCG
D10	EF-UDP-076	TCACTCTG	CAGAGTGA	TCCATTGC	TCCATTGC	GCAATGGA
E10	EF-UDP-077	AAGGCTGA	TCAGCCTT	CTCCTAGT	CTCCTAGT	ACTAGGAG
F10	EF-UDP-078	ATCCAGAG	CTCTGGAT	TGGAAGCA	TGGAAGCA	TGCTTCCA
G10	EF-UDP-079	AGGAGGAA	TTCTCTCT	CCAGTTGA	CCAGTTGA	TCAACTGG
H10	EF-UDP-080	TGAAGACG	CGTCTTCA	GTCCTAAG	GTCCTAAG	CTTAGGAC
A11	EF-UDP-081	GTAGAGCA	TGCTCTAC	AAGACCGT	AAGACCGT	ACGGTCTT
B11	EF-UDP-082	TCTAGCTG	CAGCTAGA	GTACGATC	GTACGATC	GATCGTAC
C11	EF-UDP-083	TCTTCTGC	GCAGAAGA	CATACTCG	CATACTCG	CGAGTATG
D11	EF-UDP-084	CACTAGCT	AGCTAGTG	TGCGTAAC	TGCGTAAC	GTTACGCA
E11	EF-UDP-085	TCGACATC	GATGTCGA	CGTAGATG	CGTAGATG	CATCTACG
F11	EF-UDP-086	GCATACAG	CTGTATGC	TAGTGCCA	TAGTGCCA	TGGCCTA
G11	EF-UDP-087	AGTCGACA	TGTCGACT	CGGCATTA	CGGCATTA	TAATGCCG
H11	EF-UDP-088	GATCCATG	CATGGATC	GATCCACT	GATCCACT	AGTGGATC
A12	EF-UDP-089	CCTTGATC	GATCAAGG	CGATTGGA	CGATTGGA	TCCAATCG
B12	EF-UDP-090	CCACTTCT	AGAAGTGG	GCTGTAAG	GCTGTAAG	CTTACAGC
C12	EF-UDP-091	GTA CTCTC	GAGAGTAC	CTAACCTG	CTAACCTG	CAGGTTAG
D12	EF-UDP-092	GAGATACG	CGTATCTC	GTCTCATC	GTCTCATC	GATGAGAC
E12	EF-UDP-093	ATGGCGAA	TTGCGCCAT	ATACGCAG	ATACGCAG	CTGCGTAT
F12	EF-UDP-094	TTCAGGAG	CTCCTGAA	AAGAGGCA	AAGAGGCA	TGCCTCTT
G12	EF-UDP-095	CTCATCAG	CTGATGAG	CGTCCATT	CGTCCATT	AATGGACG
H12	EF-UDP-096	TGCGCTTA	TAAGCGCA	GAAGTGCT	GAAGTGCT	AGCACTTC