

D501-508 Adapters

5' AATGATACGGCGACCACCGAGATCTACACT**TATAGCCT**ACACTCTTCCCTACACGAC**GCTCTTCCGATC** T
P5 i5

D701-712 Adapters

5' **GATCGGAAGAGC**ACACGTCTGAACTCCAGTCAC**AATACTCG**ATCTCGTATGCCGTCTTCTGCTTG
i7 complementary P7



5' AATGATACGGCGACCACCGAGATCTACACT**TATAGCCT (i5)**ACACTCTTCCCTACACGAC**GCTCTTCCGATC**
GTTCTGCTTCTGCCGTATGCTCTA**GCTCATT (i7)**CACTGACCTCAAGTCTGCACACGAGAAGGCTAG 5'

DNA insert



AATGATACGGCGACCACCGAGATCTACACTATAGCCT (i15) ACACCTCTTCCCTACACGACGCTCTTCCGATCTNNNN.....NNNA
GTTTCGTCTTCTGCCGTATGCTCTAGCTCATTA (i7) CACTGACCTCAAGTCTGCACACGAGAAGGCTAGNNNN.....NNN

Figure 2 Dual-Indexed Single-Read Sequencing

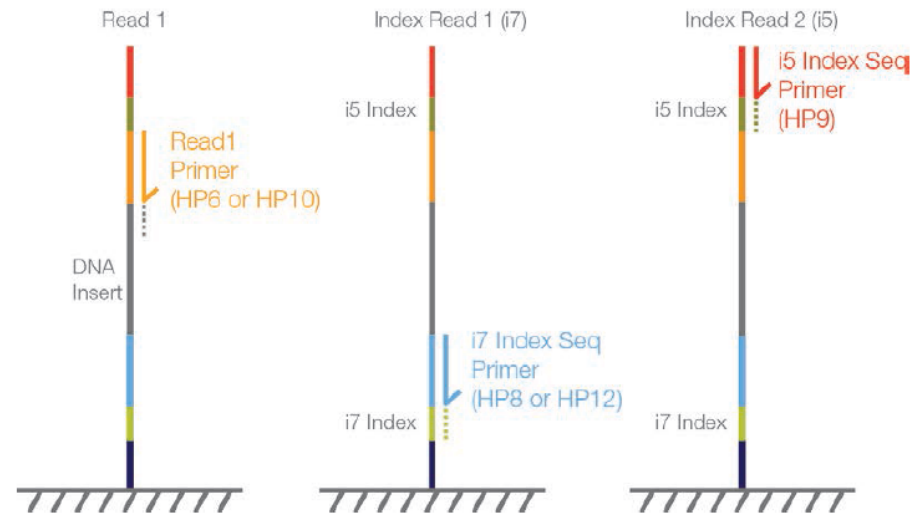


Figure 3 Dual-Indexed Paired-End Sequencing

