Double Index 2-Step Library Method

Input DNA sample

1) Attach application-specific stubs

2) Use limited cycle PCR to add indexes and extend adapters

Full-length & double indexed

5′ — DNA → 3′
3′ ← — 5′

DNA

P5_i5_R1 primer

P7_i7_R2 primer

P5 — R1
i5 index

R2 — P7
i7 index

P5 — i5 index — DNA — P7
P7