iNext Library Method

Fragmented DNA sample
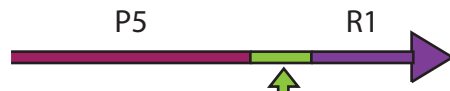
DNA
5′ 3′
3′ 5′

C/G overhangs not shown

Ligate stubby Y-yoke adapters

DNA
P
P

Limited cycle PCR

P5   R1
i5 index
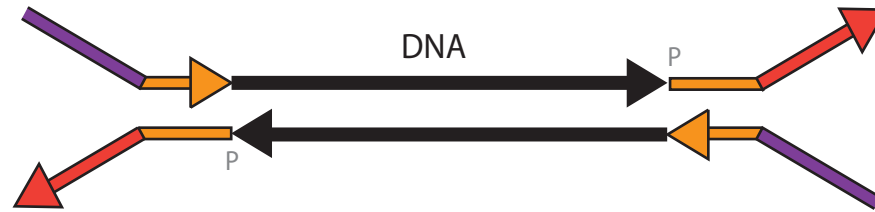
iNext5 primer

iNext7 primer

R2   P7
i7 index

Full-length & double indexed

P5   DNA
P7

Read 1 primer binding site

Complementary y-yoke sites

Read 2 primer binding site