2-Steps PCR

YourOligo_Fw	TCGTCGGCAGCGTCAGATGTGTATAAGAGACAGNNNNNNNNNNNNNNNNNN	Tail = 33 nt
YourOligo_Re	GTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGNNNNNNNNNNNNNNNNNN	Tail = 34 nt

PCR2_P5_Fw	AATGATACGGCGACCACCGAGATCTACACXXXXXXXXXXTCGTCGGCAGCGTC	Length = 53 nt
PCR2_P7_Re	CAAGCAGAAGACGGCATACGAGATXXXXXXXXXXGTCTCGTGGGCTCGG	Length = 49 nt

1-Step PCR

1Step-Fw	AATGATACGGCGACCACCGAGATCTACACXXXXXXXXXXTCGTCGGCAGCGTCAGATGTGTATAAGAGACAGNNNNNNNNNNNNNNNNNN	Tail = 72 nt
1Step-Re	CAAGCAGAAGACGGCATACGAGATXXXXXXXXXXGTCTCGTGGGCTCGGAGATGTGTATAAGAGACAGNNNNNNNNNNNNNNNNNN	Tail = 68 nt