

PCR

Taq PCR

ADNA(2.5ng/ul)	1ul
Primer1	2ul
Primer2	2ul
2×PCR Mix	25ul
ddH ₂ O	20ul

Procedure

94°C	3min		
94°C	30sec	}	30cycles
55-68°C	30sec		
72°C	1-2min		
72°C	10min		

KOD PCR

dNTPs	10ul
2×PCR buffer for KOD FX	25ul
Primer1(10uM)	1.5ul
Primer2(10uM)	1.5ul
KOD FX enzyme	1ul
Genome(plasmid orλDNA)	200ng(50ng or 50ng)
ddH ₂ O	Add to 50ul

Procedure

94°C	2min		
98°C	10sec	}	30cycles
55°C	30sec		
68°C	1min		
68°C	7min		