PCR DNA

HS™ Mix 2× PCR HS™ Taq
DNA dNTPs PCR
PCR
HS™ Mix
PCR PCR
HS™ Taq DNA Taq DNA Taq DNA
DNA

ш HS™ Taq DNA PCR
30s/kb 70~75 10s/kb 5'→3' 3'→5'
3'-dA TA

2× HS™ Mix	1 ml	1 ml× 5
	1 ml	1 ml× 5

PCR

		(50 μl reaction volume)	(50 μl reaction volume)
1	2× HS™ Mix [1]	25 μl	1×
2	upstream primer (10 μM) [2]	2 μl	0.4 μM
3	downstream primer (10 μM) [2]	2 μl	0.4 μM
4	template DNA [3]	1-4 μl	<1μg
5	[4]	To 50 μl	-
optional	$MgCl_2$($MgSO_4$)/PCR Enhancer[5]	Variable	

[]

-20 2

[2] 30s/kb 10s/kb

1 2

DNA U ┼ 1: 1000