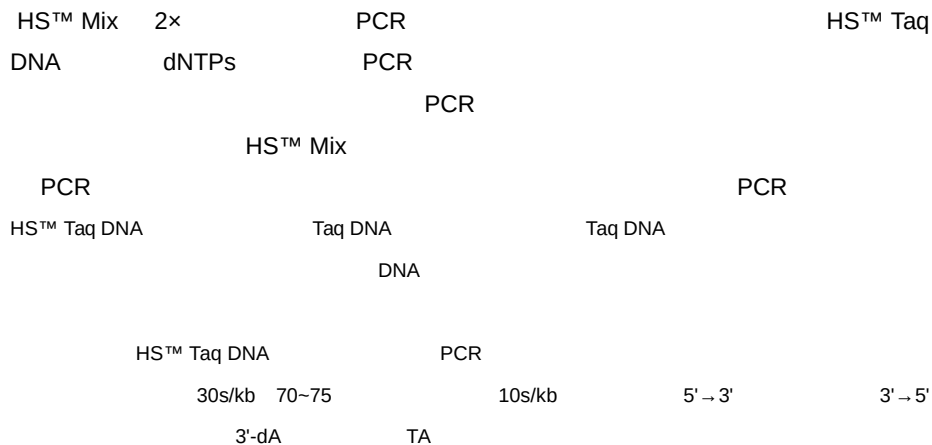


PCR

DNA



		(50 μl reaction volume)	(50 μl reaction volume)
1	2× HS TM 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	

2× HS TM Mix	1 ml	1 ml× 5
	1 ml	1 ml× 5

PCR

-20 2

[2]

30s/kb

10s/kb

1

2

DNA

1: 10000

3

c 9 300' 000' 000'

>

0 0-