

Nde CA[^]TATG 37°C 5–15
 FauND
 Digest Green 100%
 Digest 5–15 DNA
 DNA DNA Klenow T4 DNA
 T4 DNA 100%
 Digest
 Green 1 2

	E1035-A	E1035-B
Nde	100 µL	300 µL
10X Digest Buffer	1 mL	1 mL
10X Green Buffer	1 mL	1 mL

-20°C

• 100%

• 100%

• 5 15

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• Southern

• (RFLP)

• SNP

• 1X Digest Buffer 1X Green Buffer

• 37°C

• 1 µL Nde

1 µg lambda DNA 5 min

1 µg DNA 5 min

0.2 µg PCR ≥ 60 min

1 µg DNA 30 min 5 µg DNA 3 h

65°C 5 min

Dam: -

Dcm: -

CpG: -

EcoKI: -

EcoBI: -

λ DNA	Φ X174	pBR322	pUC57	pUC18/19	pTZ19R/U	M13mp18/19
7	0	1	1	1	0	3

Total volume	20 μ L	20 μ L	30 μ L	40 μ L	50 μ L
:	20 μ L	3-5 min			

Component	DNA	PCR	DNA
Nuclease-free Water	15 μ L	17 μ L	30 μ L
10X Digest Buffer	2 μ L	2 μ L	5 μ L
10X Green Buffer			
DNA	2 μ L (up to 1 μ g)	10 μ L (~0.2 μ g)	10 μ L (5 μ g)
enzyme	1 μ L	1 μ L	5 μ L
Total volume	20 μ L	30 μ L	50 μ L

37°C 5 (DNA) 30 (DNA) $\geq$ 60 (PCR)
: 65°C 5 min

- 1/10
- 1 μ L
-

Component	20- μ L rxn	20- μ L rxn	30- μ L rxn	40- μ L rxn	50- μ L rxn
DNA	1 μ g	2 μ g	3 μ g	4 μ g	5 μ g
enzyme	1 μ L	2 μ L	3 μ L	4 μ L	5 μ L
10X Digest Buffer	2 μ L	2 μ L	3 μ L	4 μ L	5 μ L
10X Green Buffer					