

DIGESTION SCHEME:

Liquid (30 μ L)	Plug (150 μ L)
allele-sizing (p13E-11 and D4Z4)	
EcoRI/HindIII	EcoRI/HindIII
liquid	plug
x μ L DNA (5 μ g)	-
3 μ L B	15 μ L B
1 μ L spermidine	5 μ L spermidine
1.5 μ L (15U) EcoRI	3 μ L (30U) EcoRI
1.5 μ L (15U) HindIII	3 μ L (30U) HindIII
- DTT	1.5 μ L DTT (0,1M)
23-x μ L H ₂ O	122.5 μ L H ₂ O
EcoRI/BlnI	EcoRI/BlnI
liquid	plug
x μ L DNA (5 μ g)	-
3 μ L H or K	15 μ L H
1 μ L spermidine	5 μ L spermidine
1.5 μ L (15U) EcoRI	3 μ L (30U) EcoRI
1.5 μ L (15U) BlnI	2 μ L (20U) BlnI
- DTT	1.5 μ L DTT (0,1M)
23-x μ L H ₂ O	123.5 μ L H ₂ O
Xapl	Xapl
liquid	plug
x μ L DNA (5 μ g)	-
3 μ L Y ^{Tango}	15 μ L Y ^{Tango}
1 μ L spermidine	5 μ L spermidine
2 μ L (20U) Xapl	2 μ L (20U) Xapl
- DTT	1.5 μ L DTT (0,1M)
24-x μ L H ₂ O	126.5 μ L H ₂ O
allele-typing (4qA/4qB)	
HindIII	HindIII
liquid	plug
x μ L DNA (5 μ g)	-
3 μ L B	15 μ L B
1 μ L spermidine	5 μ L spermidine
2 μ L (20U) HindIII	3 μ L (30U) HindIII
- DTT	1.5 μ L DTT (0,1M)
24-x μ L H ₂ O	125.5 μ L H ₂ O
chromosome assignment 4q or 10q (p13E-11, B31 and D4Z4)	
NotI	NotI
not suitable for liquid DNA	plug
	-
	15 μ L H
	5 μ L spermidine
	2 μ L (20U) NotI
	1.5 μ L DTT (0,1M)
	126.5 μ L H ₂ O