



## AMPLIFICATION CONDITIONS

### **KlenTherm™ Taq DNA Polymerase**

10x reaction buffer	3 µl
50 mM MgCl <sub>2</sub>	2.1 µl
dNTP mix10 (end concentration 200 µM)	0.6 µl
human genomic DANN (300-600 ng)	1 µl
forward primer (25 pM)	2 µl
reverse primer (25 pM)	2 µl
KlenTherm™ (10 units/µl)	0.5 µl
H <sub>2</sub> O	18.8 µl
<b>TOTAL</b>	<b>30 µl</b>

58°C	30 sec
72°C	2 min
93°C	20 sec
30 cycles	

Fragment is about 1.5 kb.