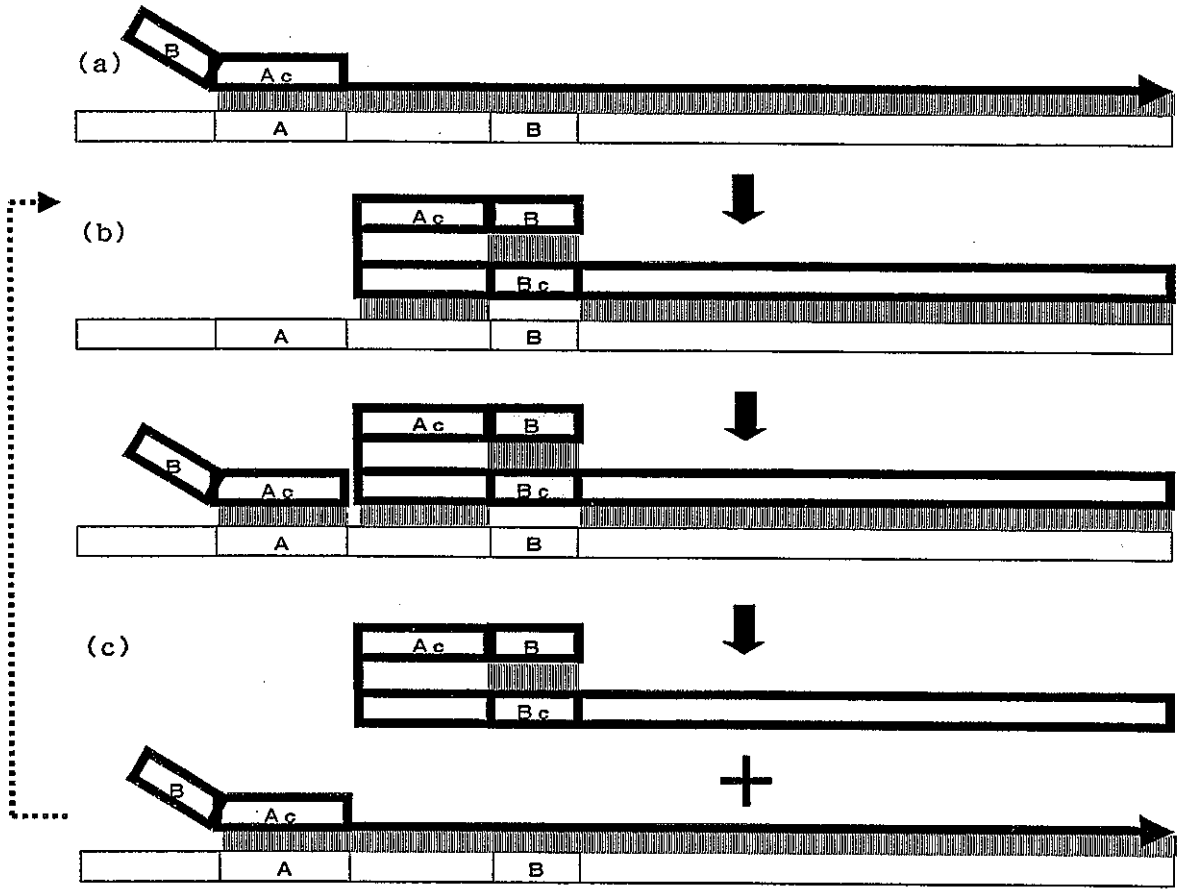


FIG. 1


11 agcatcctcattttatgtccaacatcagagacttaatactgaacaaatgccacataaaggtaatgactgt
3'-END REGION sY153L COMMON TO RESPECTIVE SENSE PRIMERS
sY153Lp13−0 PRIMER 5'-END REGION
sY153Lp13−5 PRIMER 5'-END REGION
sY153Lp13−10 PRIMER 5'-END REGION
sY153Lp13−15 PRIMER 5'-END REGION
sY153Lp10 PRIMER 5'-END REGION
sY153Lp13 PRIMER 5'-END REGION
sY153Lp16 PRIMER 5'-END REGION
sY153Lp22 PRIMER 5'-END REGION
sY153Lp25 PRIMER 5'-END REGION
sY153Lp28 PRIMER 5'-END REGION
81 tgaagaagatttaacttaacatcttgcagcatcactaagaactcgctttatactcagtgcttttgggttg
sY153Rp13-0 PRIMER 5'-END REGION
3'-END REGION sY153R COMMON TO RESPECTIVE REVERSE PRIMERS
sY153Rp13-5 PRIMER 5'-END REGION
sY153Rp13-10 PRIMER 5'-END REGION
sY153Rp13-15 PRIMER 5'-END REGION
sY153Rp10 PRIMER 5'-END REGION
sY153Rp13 PRIMER 5'-END REGION
sY153Rp16 PRIMER 5'-END REGION
sY153Rp22 PRIMER 5'-END REGION
sY153Rp25 PRIMER 5'-END REGION
sY153Rp28 PRIMER 5'-END REGION

FIG. 2

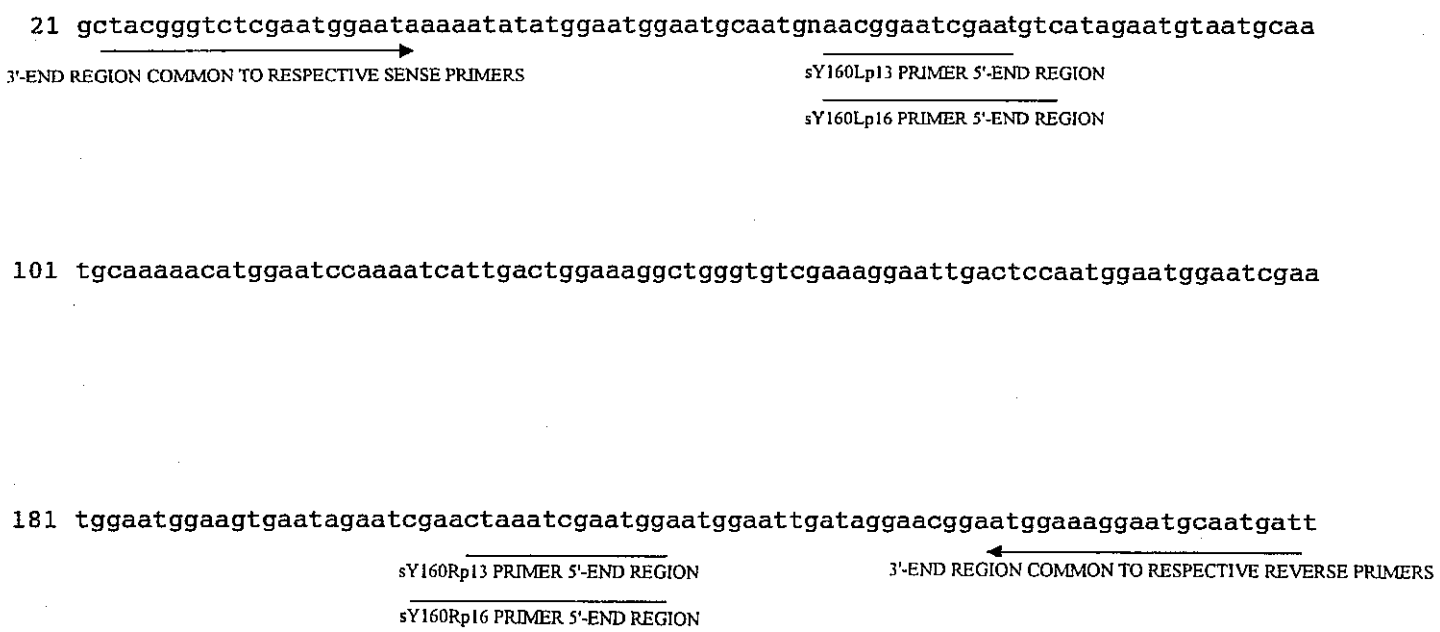

21 gctacgggtctcgaatggaataaaaatatatggaatggaatgcaatgnaacggaatcgaatgtcatagaatgtaatgcaa
3'-END REGION COMMON TO RESPECTIVE SENSE PRIMERS
sY160Lp13 PRIMER 5'-END REGION
sY160Lp16 PRIMER 5'-END REGION
101 tgcaaaaacatggaatccaaaatcattgactggaaaggctgggtgtcgaaaggaattgactccaatggaatggaatcgaa
181 tggaatggaagtgaatagaatcgaactaaatcgaatggaatggaattgataggaacggaatggaaaggaatgcaatgatt
sY160Rp13 PRIMER 5'-END REGION
sY160Rp16 PRIMER 5'-END REGION
3'-END REGION COMMON TO RESPECTIVE REVERSE PRIMERS

FIG. 3

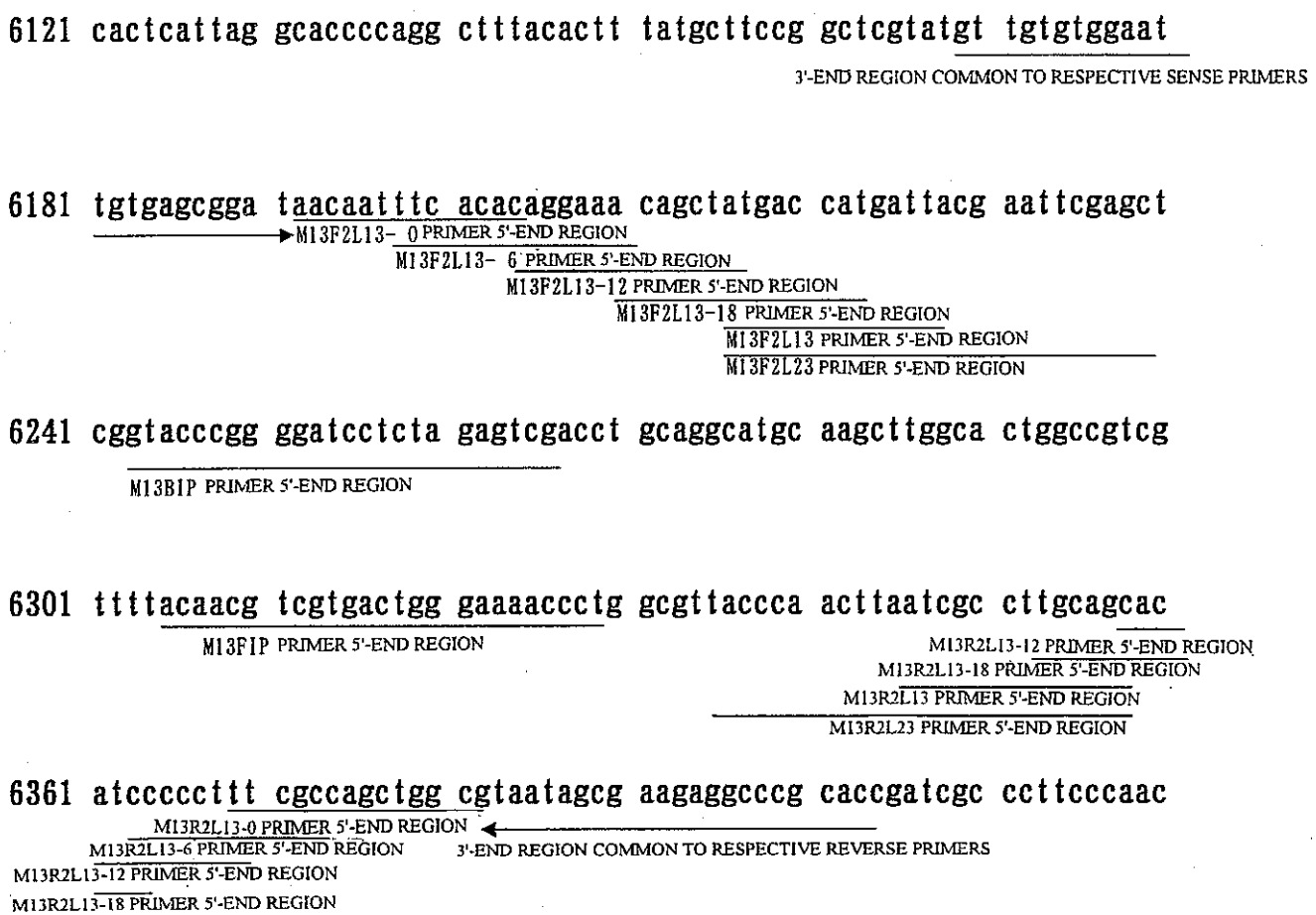

6121 cactcattag gcaccccagg ctttacactt tatgcttccg gctcgtatgt tgtgtggaat
3'-END REGION COMMON TO RESPECTIVE SENSE PRIMERS
6181 tgtgagcgga taacaatttc acacaggaaa cagctatgac catgattacg aattcgagct
M13F2L13- 0 PRIMER 5'-END REGION
M13F2L13- 6 PRIMER 5'-END REGION
M13F2L13-12 PRIMER 5'-END REGION
M13F2L13-18 PRIMER 5'-END REGION
M13F2L13 PRIMER 5'-END REGION
M13F2L23 PRIMER 5'-END REGION
6241 cggtacccgg ggatcctcta gagtcgacct gcaggcatgc aagcttggca ctggccgtcg
M13BIP PRIMER 5'-END REGION
6301 ttttacaacg tcgtgactgg gaaaaccctg gcgttaccca acttaatcgc cttgcagcac
M13FIP PRIMER 5'-END REGION
M13R2L13-12 PRIMER 5'-END REGION
M13R2L13-18 PRIMER 5'-END REGION
M13R2L13 PRIMER 5'-END REGION
M13R2L23 PRIMER 5'-END REGION
6361 atccccctttt cgccagctgg cgtaatagcg aagaggcccg caccgatcgc ccttcccaac
M13R2L13-0 PRIMER 5'-END REGION
M13R2L13-6 PRIMER 5'-END REGION
3'-END REGION COMMON TO RESPECTIVE REVERSE PRIMERS
M13R2L13-12 PRIMER 5'-END REGION
M13R2L13-18 PRIMER 5'-END REGION

FIG. 4

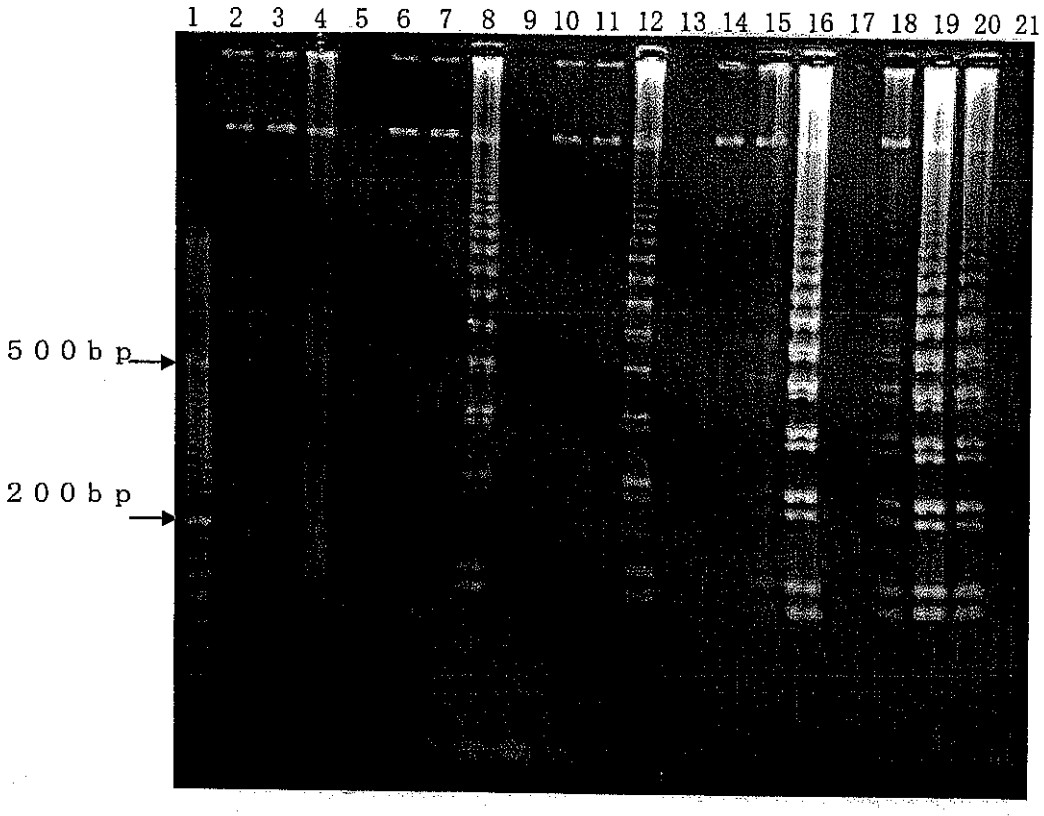


FIG. 5

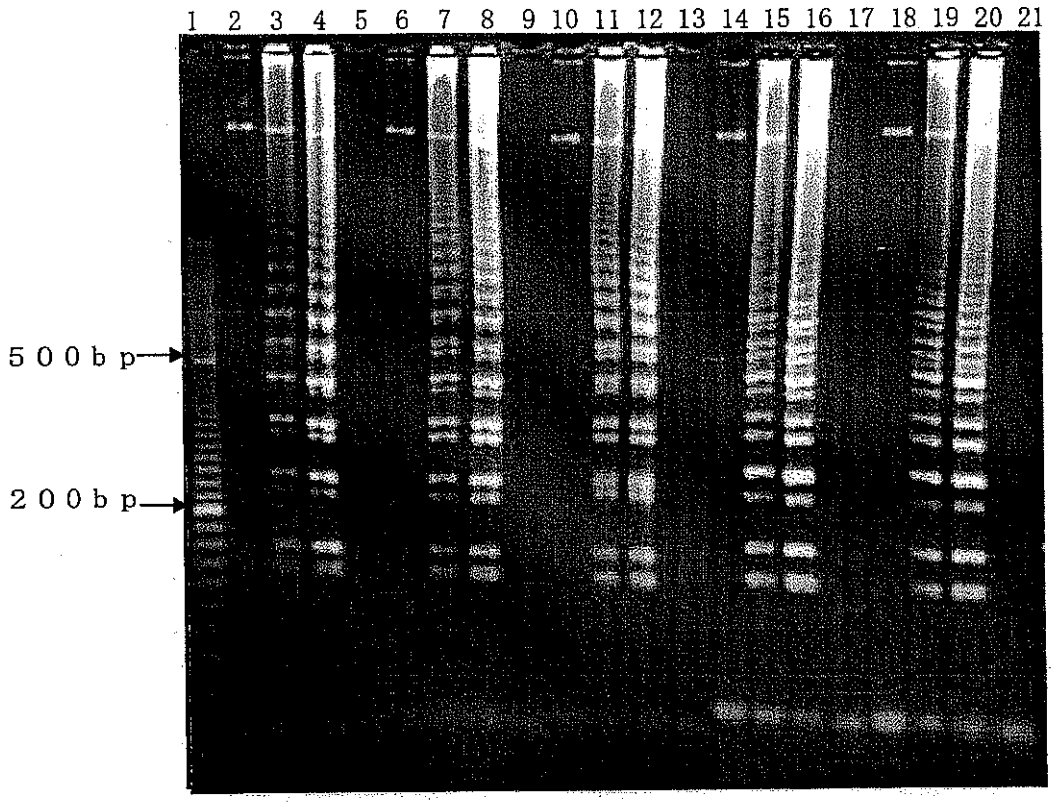


FIG. 6

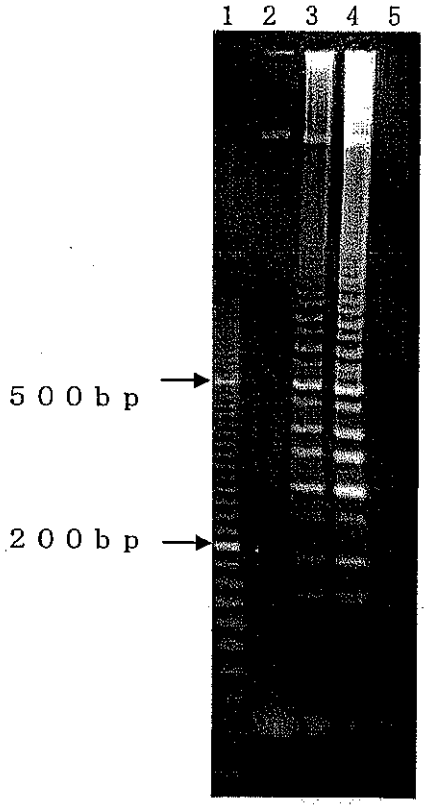


FIG. 7

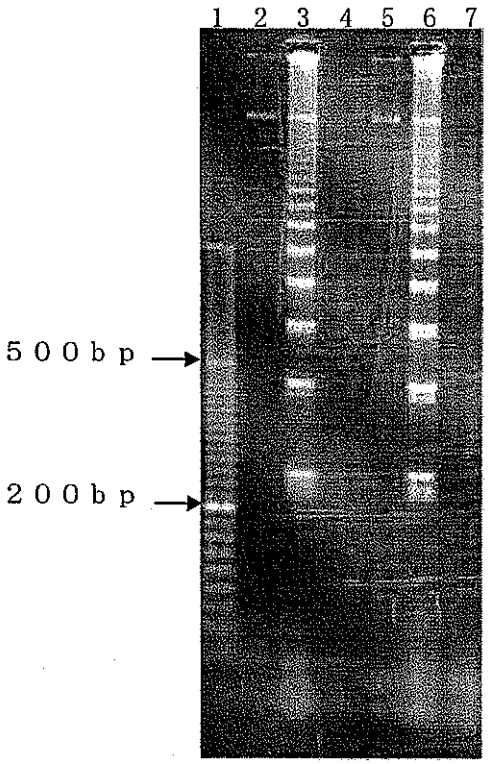


FIG. 8

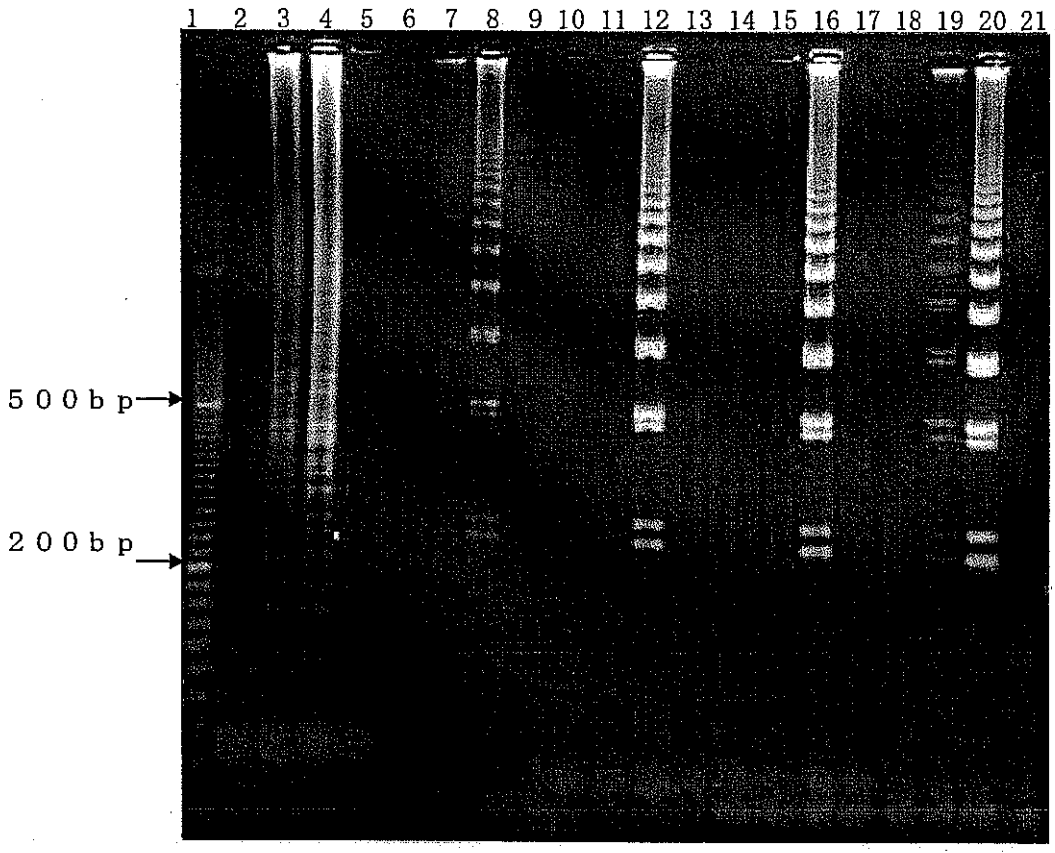


FIG. 9

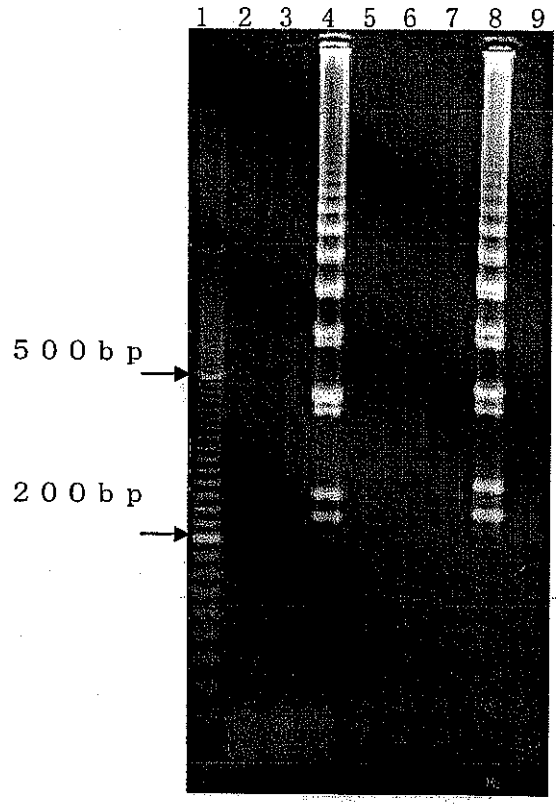
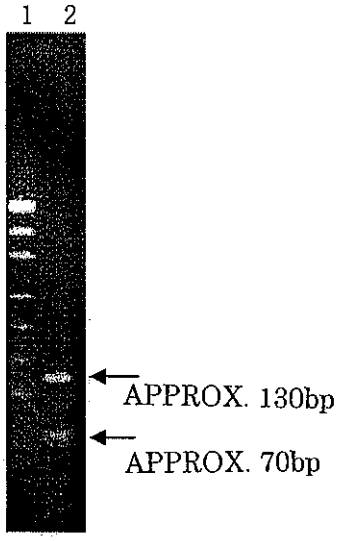
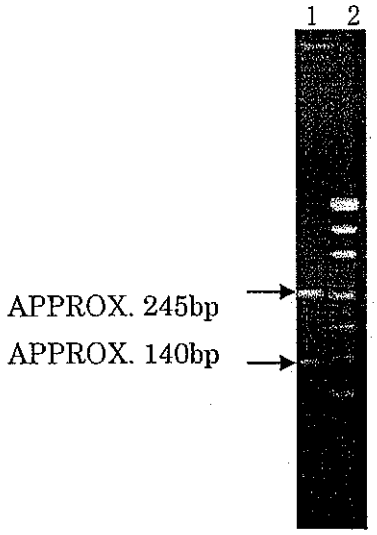


FIG. 10



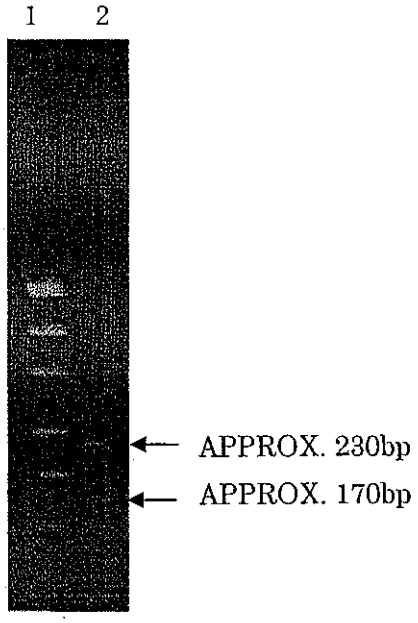
LANE 1: DNA SIZE MARKER (pUC19-HpaII)
LANE 2: AMPLIFICATION PRODUCTS OF HUMAN STS DYS237 TREATED WITH RESTRICTION ENZYMES

FIG. 11



LANE 1: AMPLIFICATION PRODUCTS OF sY160 TREATED WITH RESTRICTION ENZYMES
LANE 2: DNA SIZE MARKER (pUC19-HpaII)

FIG. 12



LANE 1: DNA SIZE MARKER (pUC19-HpaII)
LANE 2: AMPLIFICATION PRODUCTS OF M13mp18 TREATED WITH RESTRICTION ENZYMES

FIG. 13

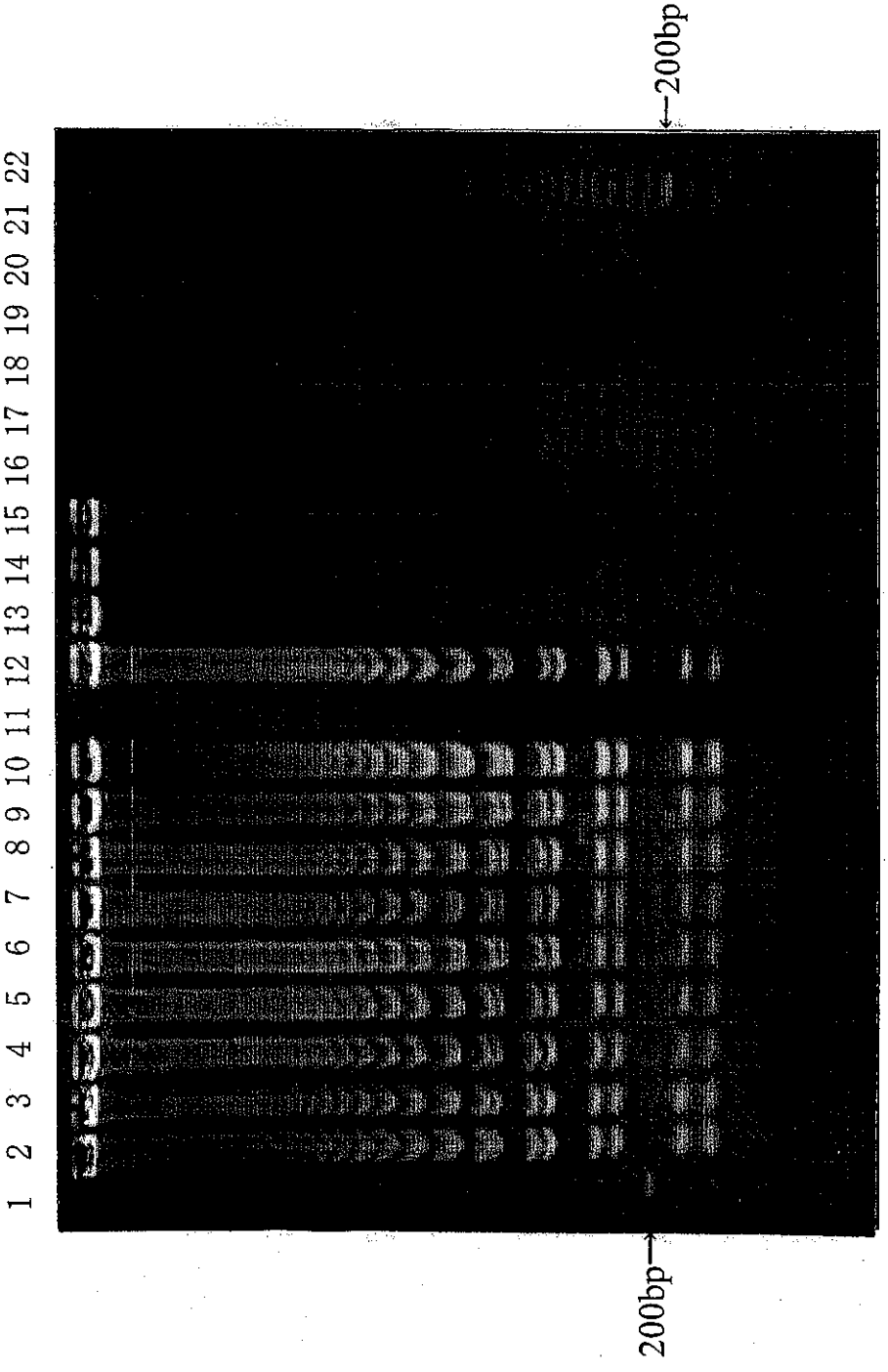


FIG. 14