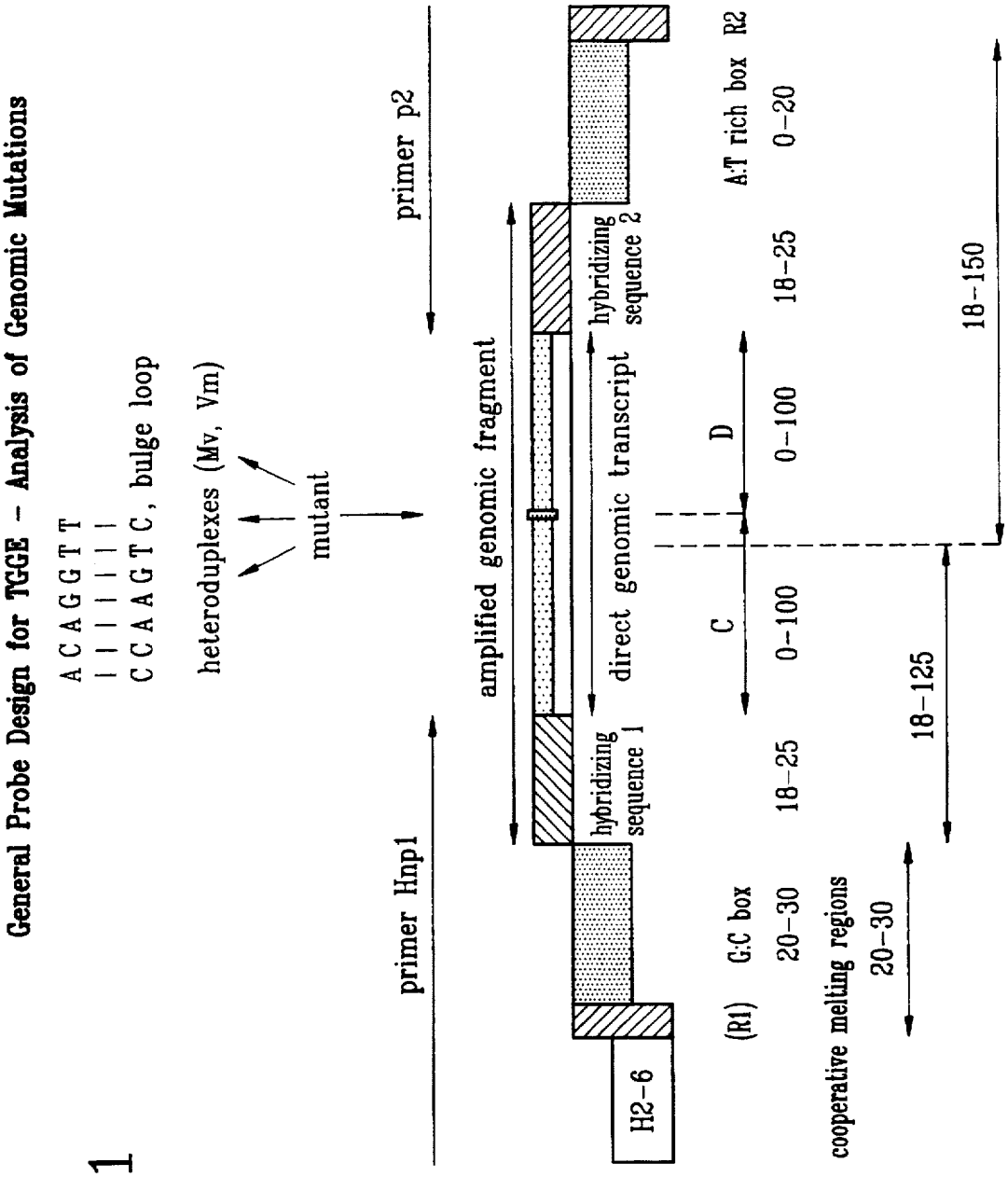
FIG. 1


General Probe Design for TGGE - Analysis of Genomic Mutations
A C A G G T T
C C A A G T C, bulge loop
heteroduplexes (Mv, Vm)
mutant
primer Hnp1
primer p2
amplified genomic fragment
hybridizing sequence 1
direct genomic transcript
hybridizing sequence 2
H2-6
(R1) G:C box
20-30
18-25
0-100
C
0-100
D
18-25
A:T rich box R2
0-20
cooperative melting regions
20-30
18-125
18-150