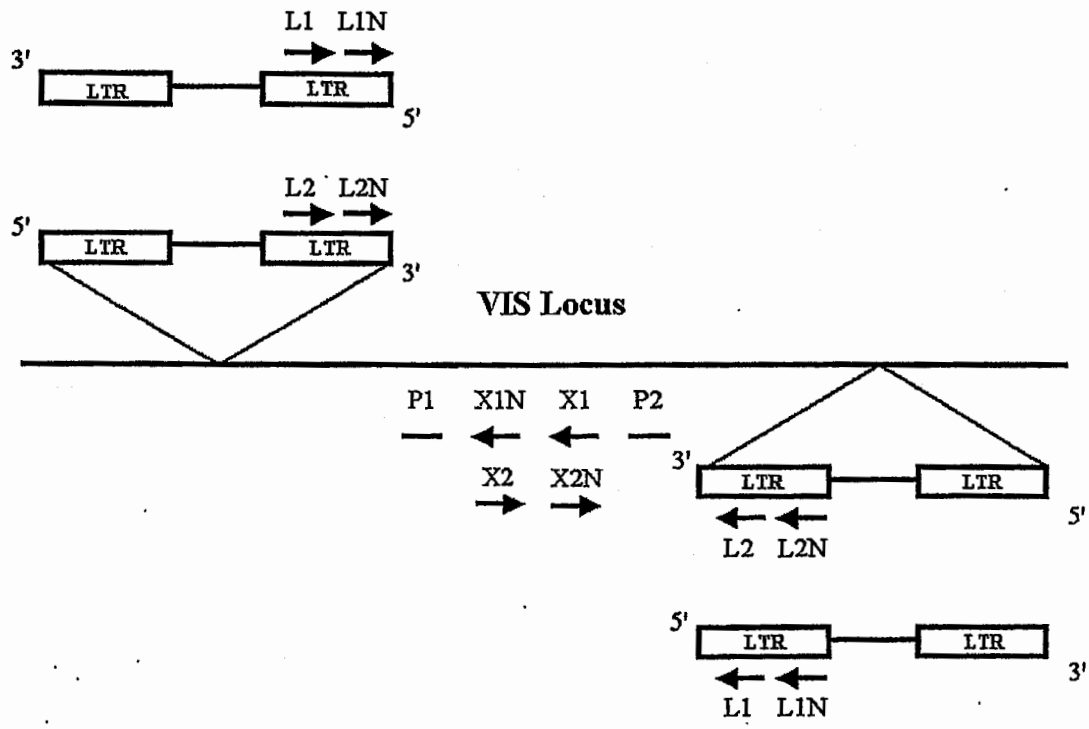

L1 L1N
3'
LTR
LTR
5'
L2 L2N
5'
LTR
LTR
3'
VIS Locus
P1 X1N X1 P2
X2 X2N
3'
LTR
LTR
5'
L2 L2N
5'
LTR
LTR
3'
L1 L1N

Figure 1

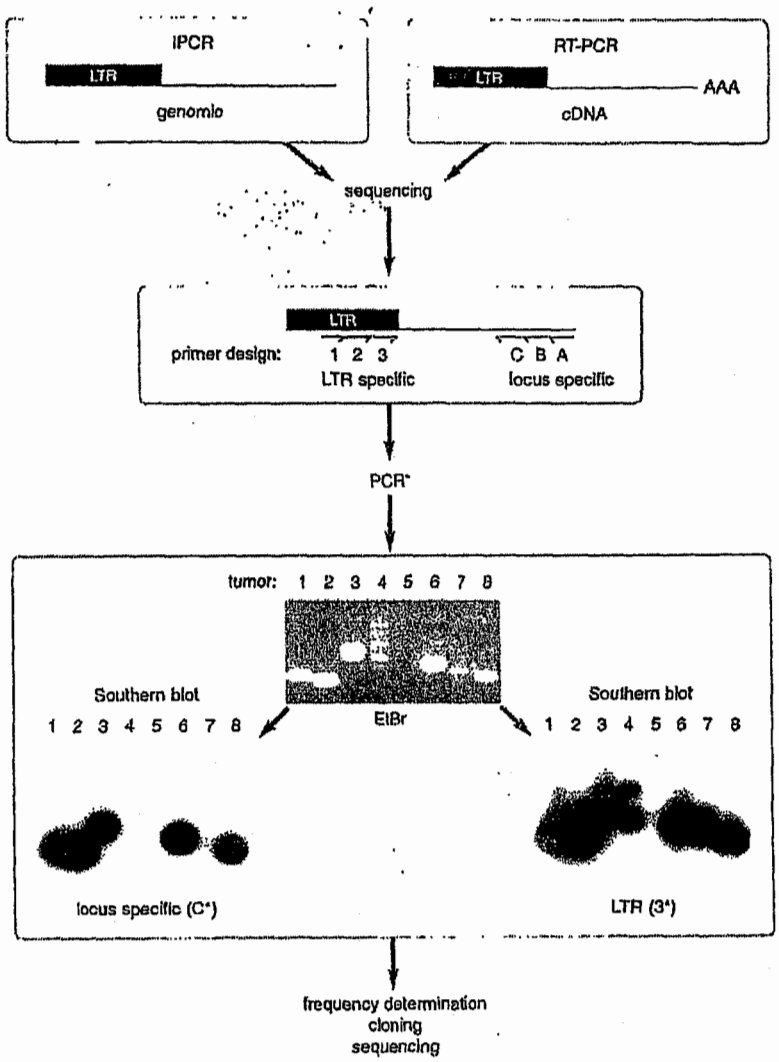

IPCR
LTR
genomic
RT-PCR
LTR
AAA
cDNA
sequencing
LTR
primer design:
1 2 3
LTR specific
C B A
locus specific
PCR*
tumor: 1 2 3 4 5 6 7 8
Southern blot
1 2 3 4 5 6 7 8
EtBr
Southern blot
1 2 3 4 5 6 7 8
locus specific (C*)
LTR (3*)
frequency determination
cloning
sequencing

Figure 2