

A. TAR REGION DNA

CAP →
 5' GGGTCTCTCT GGTTAGACCA GATCTGAGCC
 TGGGAGCTCT CTGGCTAACT AGGGAACCC 3'

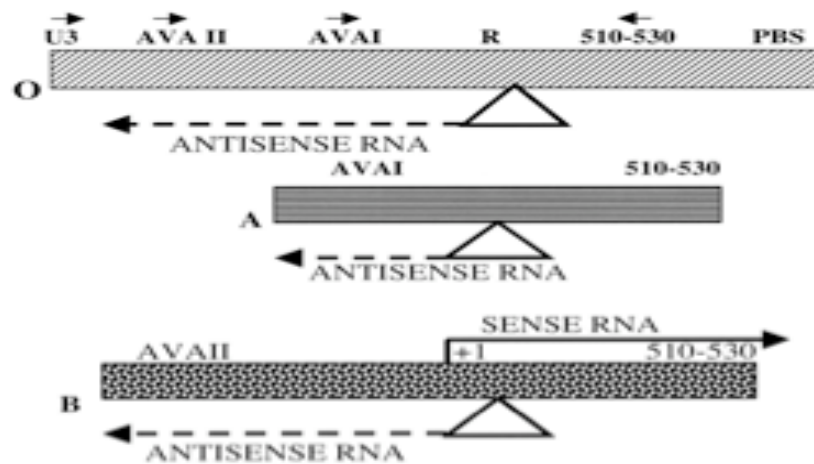
HIV-1 TAR DNA 5' TCTGGTTAGACCAGATCTGAGCCT 3'
 3' AGACCAATCTGGTCTAGACTCGGA 5'

HIV-1 TAR DNA 5' AGGCTCAGATCTGGTCTAACCAGA 3'
 (REVERSED) 3' TCCGAGTCTAGACCAGATTGGTCT 5'

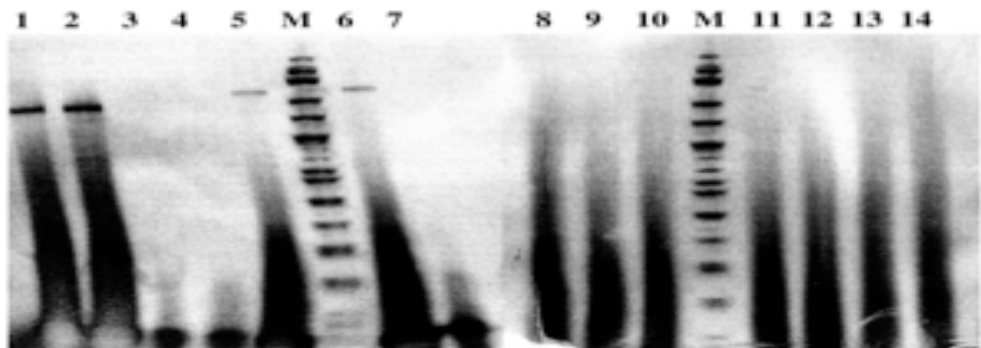
TdT INR 5' GCCCTCATTCTGGAGAC 3'

+1
 CONSENSUS INR 5' Py Py A N T/A Py Py 3'

B. POTENTIAL TRANSCRIPTS OFF HIV-1 LTR AND ANTISENSE INR



C.



NUCLEAR
EXTRACT

TEMPLATE A A O NT B B NT A A O NT B B NT
 PRIMER 5'AvaI 5'U3 5'AvaII 5'U3 3'510-530 3'510-530