(A)
F1: 5’-CACAGACTTCACTAGTGATGGAC-3’
R1: 3’-GTTTATCCGGACTCAGATACGAG-5’
5’ Untranslated region
Exon 1
Exon 11
3’ Untranslated region
F2: 5’-CACAGACTTTGCTAGTGATGGACC-3’
R2: 3’-GTTTATCCGGACTCGGGTACGAG-5’
(B)
ATG
Tat gene coding sequence
Exon 1
1 2 3 4 5 6 7 8 9 10
human ATG GAC CCA TAC ATG ATT CAG ATG AGC AGC
M D P Y M I Q M S S
Cynopterus sphinx ATG GAC --- --- --- --- --- --- --- AGC
M D - - - - - - - S
Rousettus leschenaultii ATG GAC --- --- --- --- --- --- --- AGC
M D - - - - - - - S
Eonycteris spelaea ATG GAC --- --- --- --- --- --- --- AGC
M D - - - - - - - S
Pteropus vampyrus ATG GAC --- --- --- --- --- --- --- AGC
M D - - - - - - - S