

p2p7p1p6 CTL Map

AEAMSQVTNSATIMMQRGNFRNQKIVKCFNCGKEGHTARNCRAPRKKGC
 10 20 30 40 50

p2 <- start
 p2 end p7 start <>

WKCCKEGHQMKDCTERQANFLGKIWP SYKGRPGNFLQSRPEPTAPPEESF
 60 70 80 90 100
 1 A2 2 A2
 p7 end p1 start <> p1 p6 start end

RSQVETTTTPPKQEPIDKELYPLTSLRSLFGNDPSSQ
 110 120 130
 3 B7
 p6 end ->

RT CTL Map

PISPIETVPVKLKP GMDGPKVKQWPLTTEKIKALVEICTEMEKEGKISKI
 10 20 30 40 50
 1 A2, B61 2 B*0801 3 B8 4 A*0301 5 A*0201 6 A2 7 broad 8 B*5101 9 B51

GPENPNTVPVFAIKKKDSTKWRKLVDFRELNKRRTQDFWEVQLGIPHPAGL
 60 70 80 90 100
 7 broad 10 A3 11 Cw4

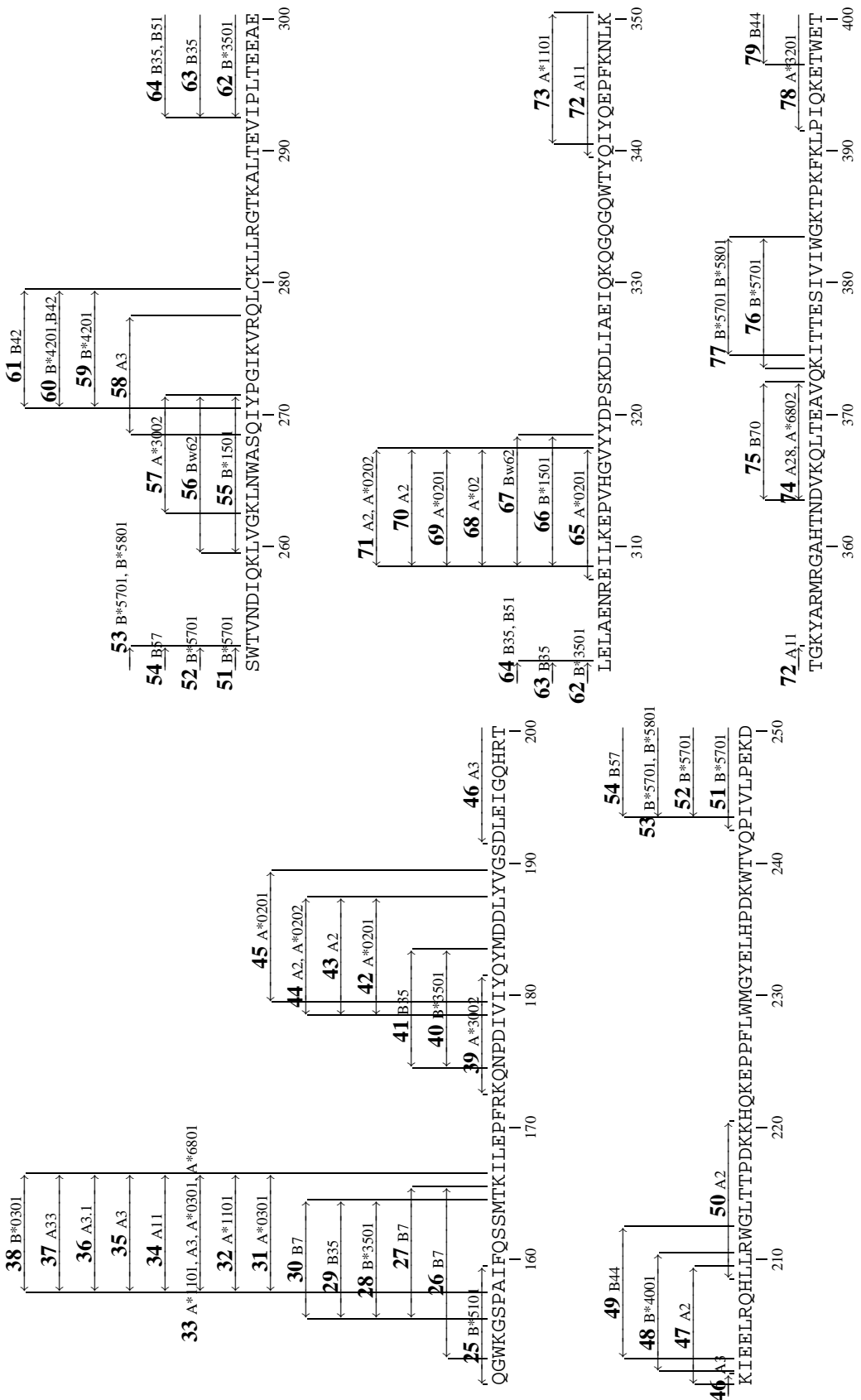
Protease CTL Map

PQVTLWQRPLVTIKIGGQKKEALLDTGADDITVLEEMSLPGRWPKMIGGI
 10 20 30 40 50
 GGFIKVRQYDQILLIEICGHKAIGTVLVGPTPVNIIGRNLLTQIGCTLNF
 60 70 80 90

KKKKSVTVLVDVGDAYFVSVPLDEDFRKYTAFTIP SINNETPGIRYQYNVLP
 110 120 130 140 150
 10 A2 11 Cw4 12 Cw4 13 B*350 14 B35 15 Cw4 16 A*0201 17 A2 18 B*5101, B24 19 B*350 20 B*501, B35 21 B35 22 A2 23 B*5101 24 B51



HIV CTL Protein Maps



CTL