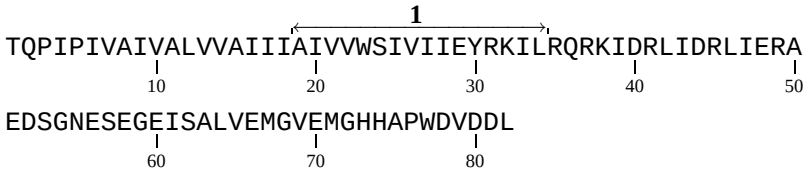
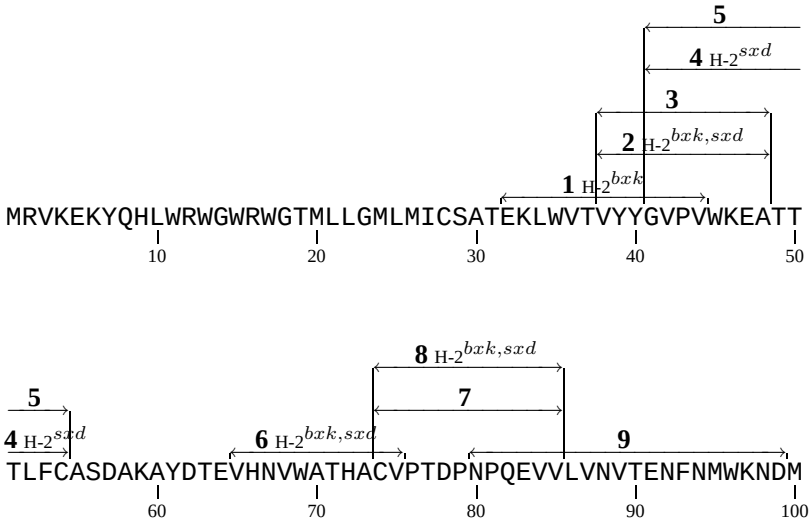
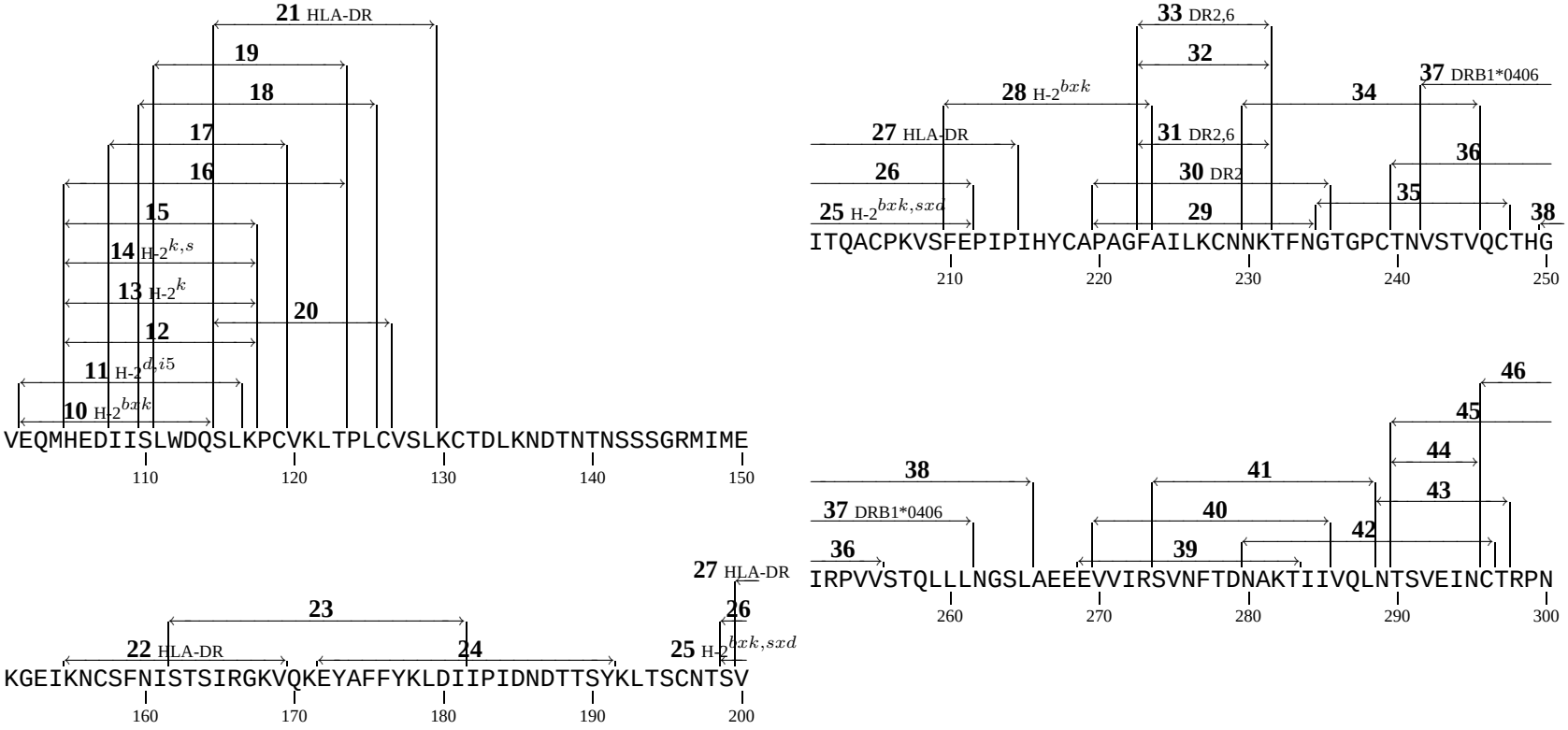
Vpu Helper Map

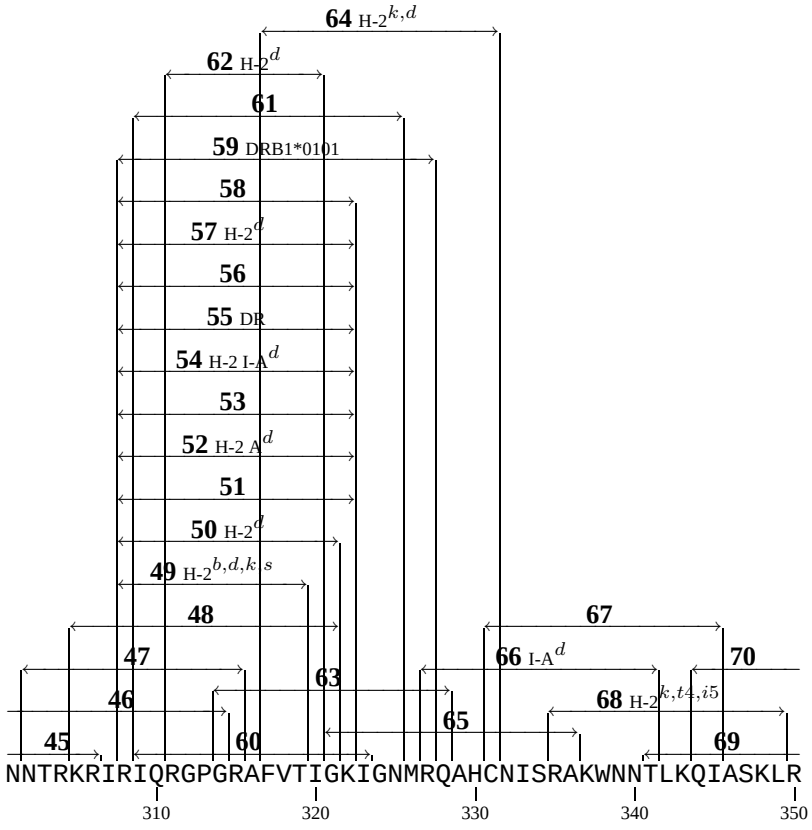


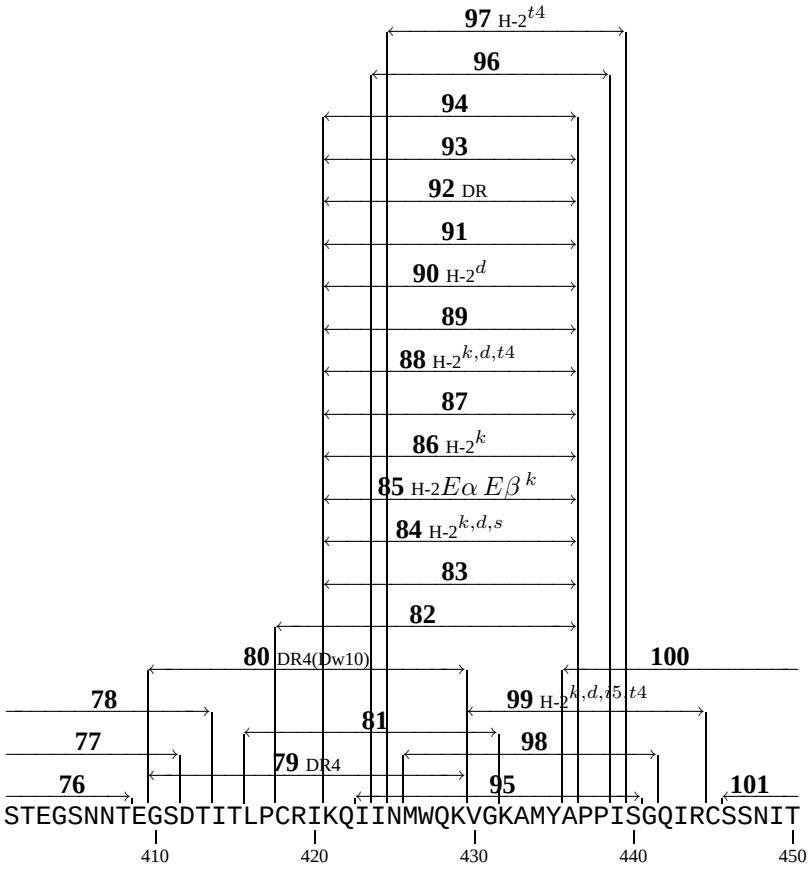
gp160 Helper Map

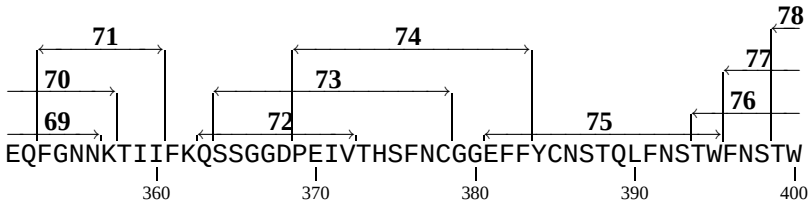


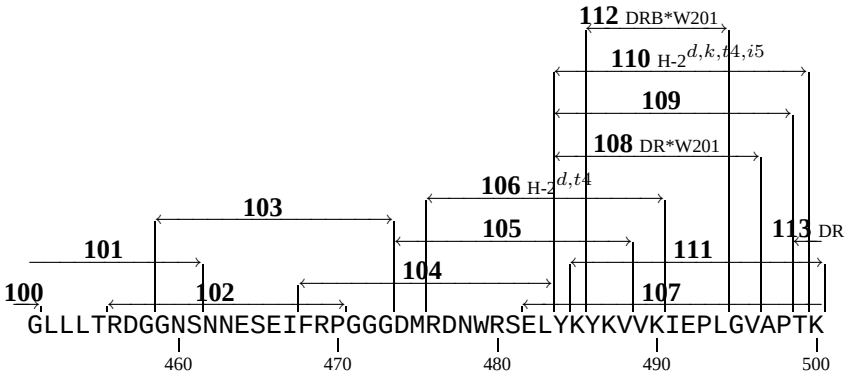

21 HLA-DR
19
18
17
16
15
14 H-2^{k,s}
13 H-2^{k}
20
12
11 H-2^{d,i5}
10 H-2^{bxk}
VEQMHEDIISLWDQSLKPCVKLTPLCVSLKCTDLKNDTNTNSSSGRMIME
110
120
130
140
150
33 DR2,6
32
37 DRB1*0406
28 H-2^{bxk}
34
27 HLA-DR
31 DR2,6
36
26
30 DR2
35
25 H-2^{bxk,sxd}
29
38
ITQACPKVSFEPIPIHYCAPAGFAILKCNNKTFNGTGPCTNVSTVQCTHG
210
220
230
240
250
46
45
44
38
41
43
37 DRB1*0406
40
42
36
39
IRPVVSTQLLLNGSLAEEEVVIRSVNFTDNAKTIIVQLNTSVEINCTRPN
260
270
280
290
300
27 HLA-DR
23
26
22 HLA-DR
24
25 H-2^{bxk,sxd}
KGEIKNCSFNISTSIRGKVQKEYAFFYKLDIIPIDNDTTSYKLTSCNTSV
160
170
180
190
200

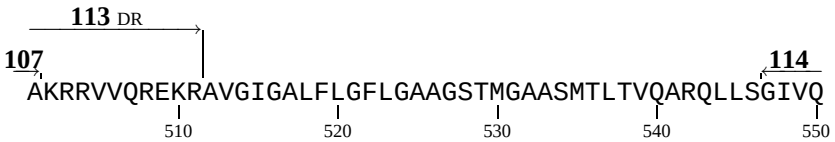
HIV Helper-T Cell Protein Maps

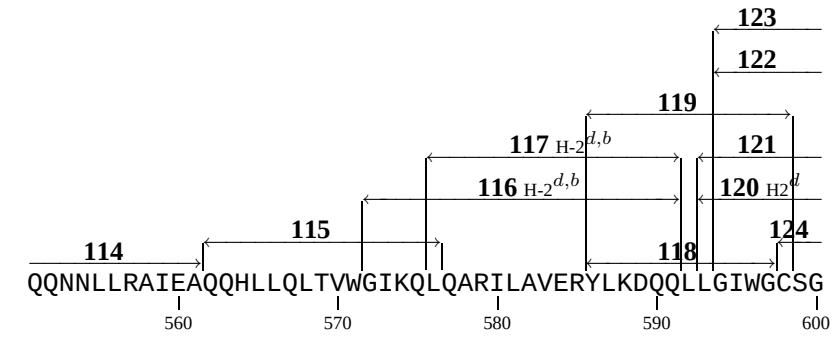


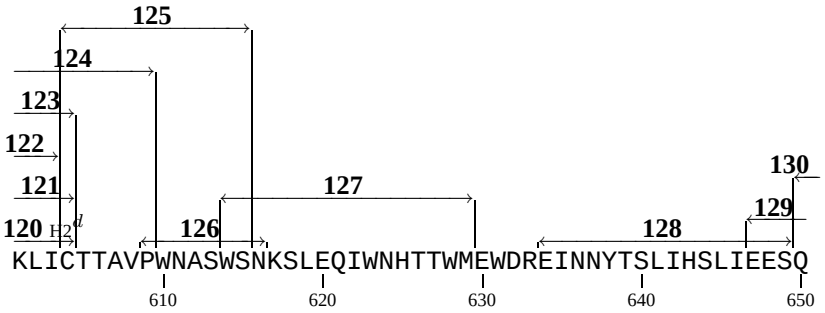


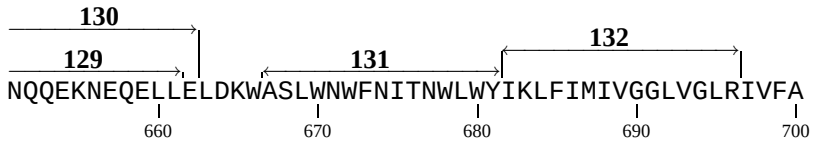


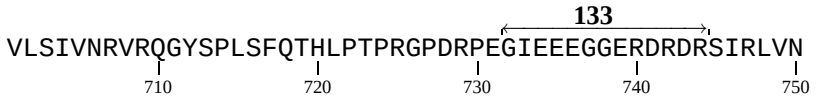

112 DRB*W201
110 H-2d,k,t4,i5
109
108 DR*W201
106 H-2d,t4
103
105
113 DR
101
111
104
100
102
107
GLLLTRDGGNSNNESEIFRPGGGDMRDNWRSELYKYKVVKIEPLGVAPTK
460
470
480
490
500

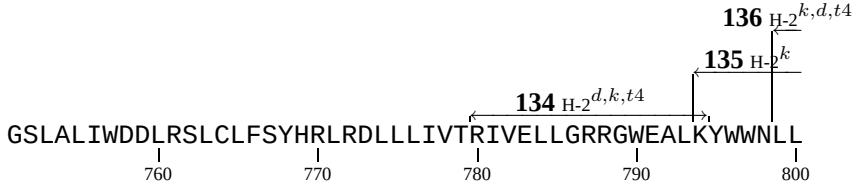

113 DR
107
114
AKRRVVQREKRAVGIGALFLGFLGAAGSTMGAASMTLTVQARQLLSGIVQ
510
520
530
540
550

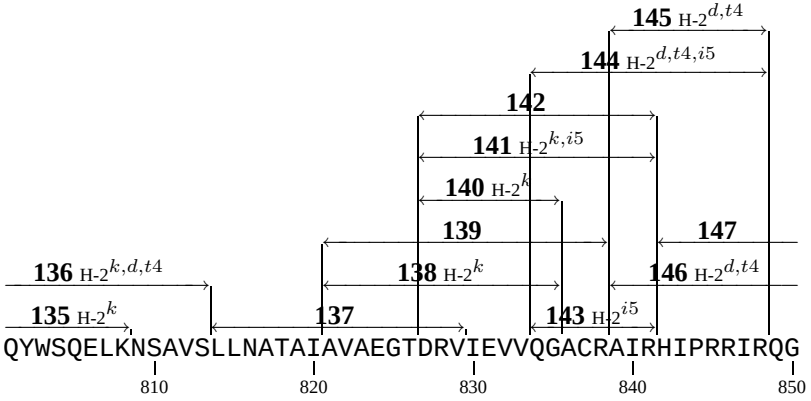

123
122
119
117 H-2d,b
121
116 H-2d,b
120 H2d
115
114
124
118
QQNNLLRAIEAQQHLLQLTVWGIKQLQARILAVERYLKDQQLLGIWGCSG
560
570
580
590
600

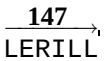
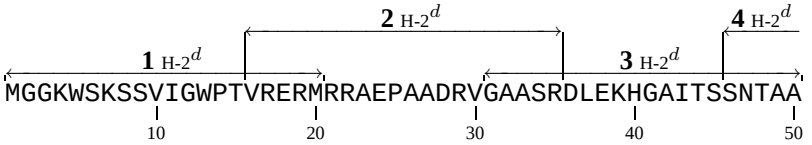
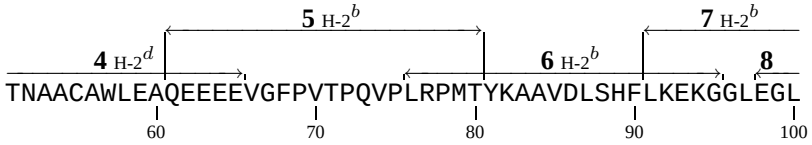
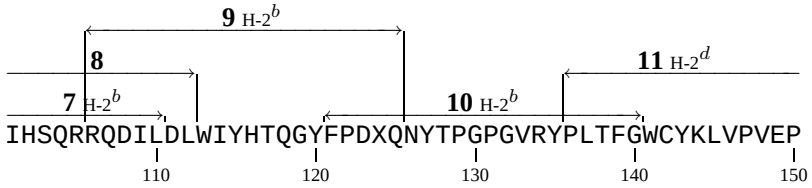
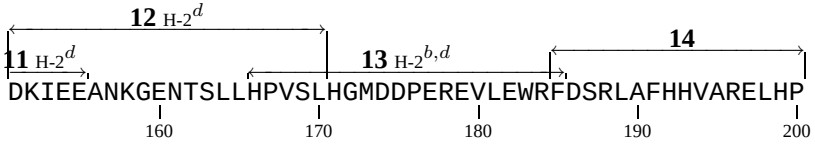

125
124
123
122
121
120 H2d
127
130
129
126
128
KLICTTAVPWNASWSNKSLEQIWNHTTWMEWDREINNYTSLIHSLIEESQ
610
620
630
640
650


130
129
131
132
NQQEKNEQELLELDKWASLWNWFNITNWLWYIKLFIMIVGGLVGLRIVFA
660
670
680
690
700


133
VLSIVNRVRQGYSPLSFQTHLPTPRGPDRPEGIEEEGGERDRDRSIRLVN
710
720
730
740
750


136 H-2k,d,t4
135 H-2k
134 H-2d,k,t4
GSLALIWDDLRSLCLFSYHRLRDLLLIVTRIVELLGRRGWEALKYWWNLL
760
770
780
790
800





Nef Helper Map