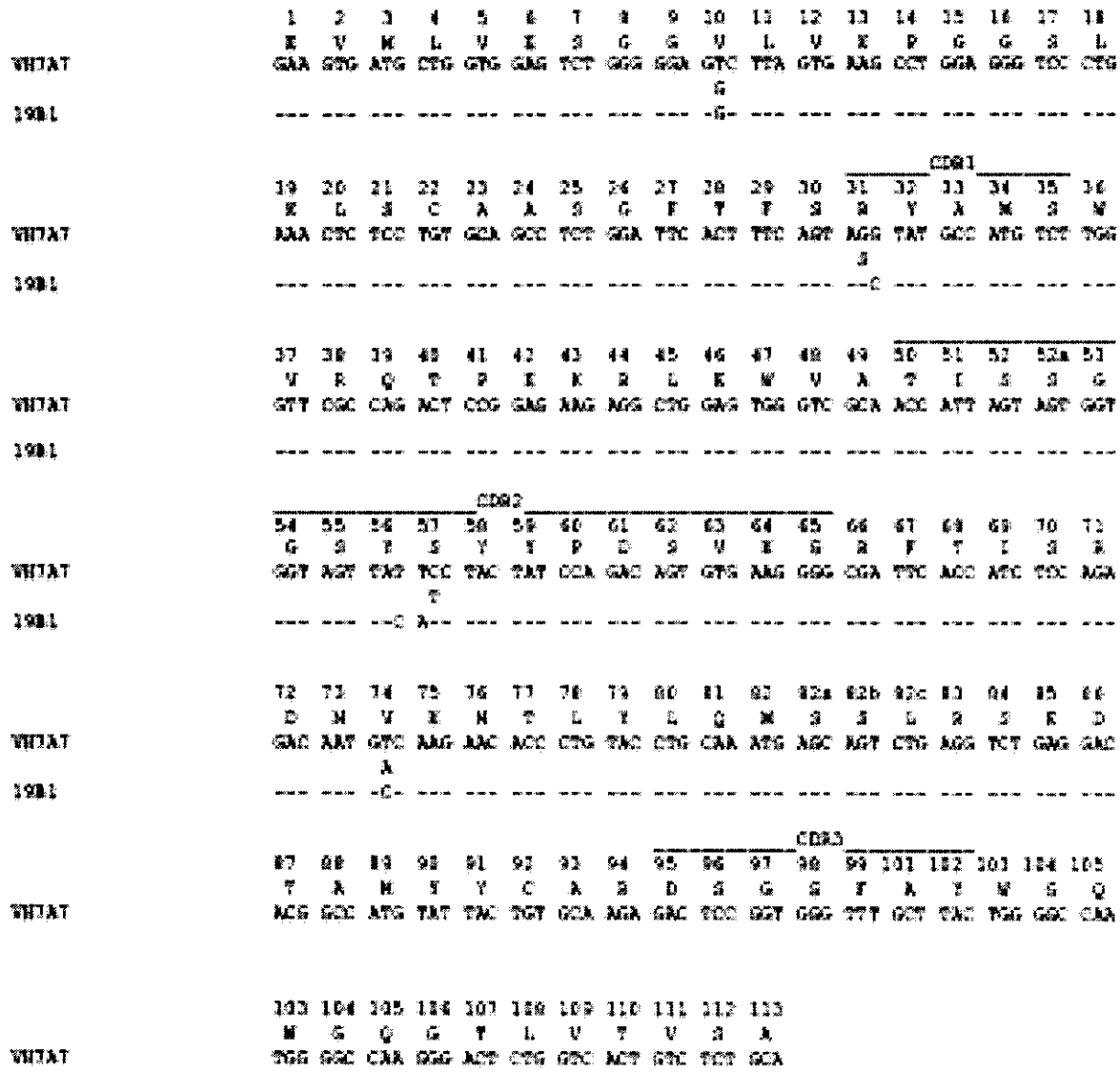


Figure1

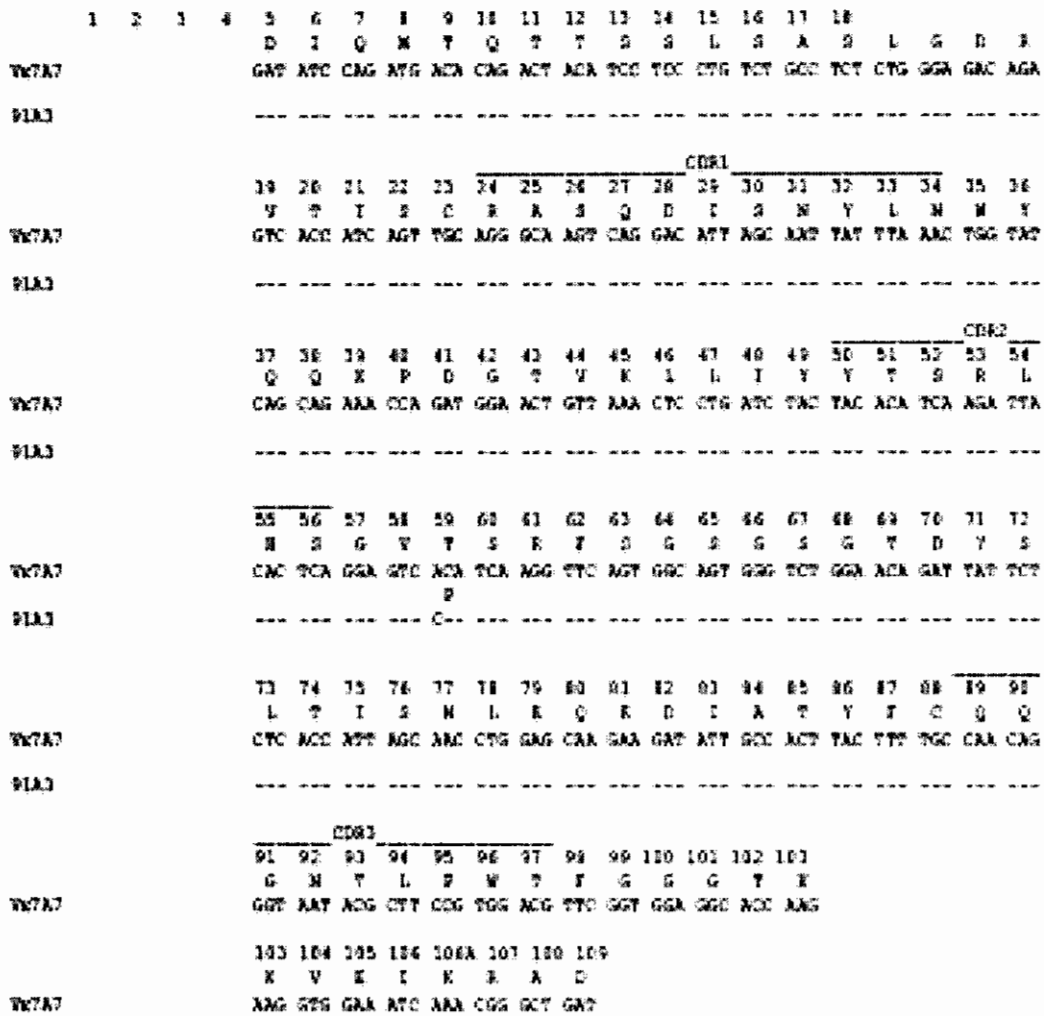

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18
D I Q M T Q T T S S L S A S L G D R
VK7A7 GAT ATC CAG ATG ACA CAG ACT ACA TCC TCC CTG TCT GCC TCT CTG GGA GAC AGA
91A3 --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
CDR1
19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36
V T I S C R A S Q D I S N Y L N W Y
VK7A7 GTC ACC ATC AGT TGC AGG GCA AGT CAG GAC ATT AGC AAT TAT TTA AAC TGG TAT
91A3 --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
CDR2
37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54
Q Q K P D G T V K L L I Y Y T S R L
VK7A7 CAG CAG AAA CCA GAT GGA ACT GTT AAA CTC CTG ATC TAC TAC ACA TCA AGA TTA
91A3 --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72
H S G V P S R F S G S G S G T D Y S
VK7A7 CAC TCA GGA GTC CCA TCA AGG TTC AGT GGC AGT GGG TCT GGA ACA GAT TAT TCT
P
91A3 --- --- --- --- C-- --- --- --- --- --- --- --- --- --- --- --- ---
73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90
L T I S N L E Q E D I A T Y F C Q Q
VK7A7 CTC ACC ATT AGC AAC CTG GAG CAA GAA GAT ATT GCC ACT TAC TTT TGC CAA CAG
91A3 --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---
CDR3
91 92 93 94 95 96 97 98 99 100 101 102 103
G N T L P W T F G G G T K
VK7A7 GGT AAT ACG CTT CCG TGG ACG TTC GGT GGA GGC ACC AAG
103 104 105 106 106A 107 108 109
K V E I K R A D
VK7A7 AAG GTG GAA ATC AAA CGG GCT GAT

Figure 2

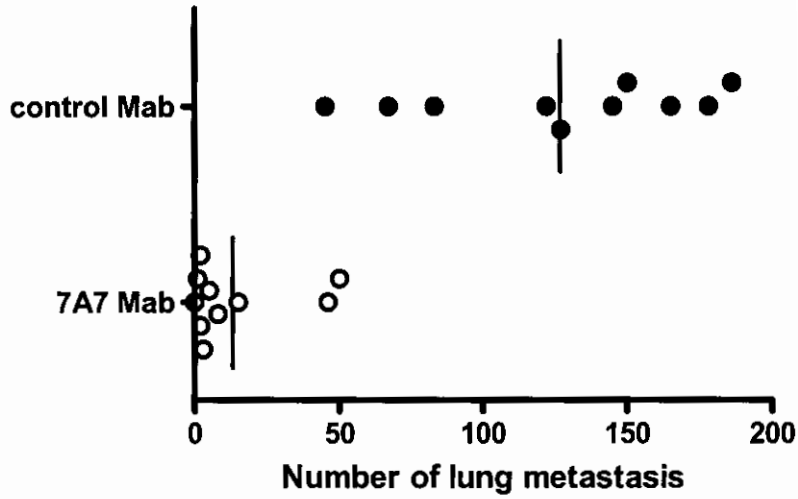


Figure 3

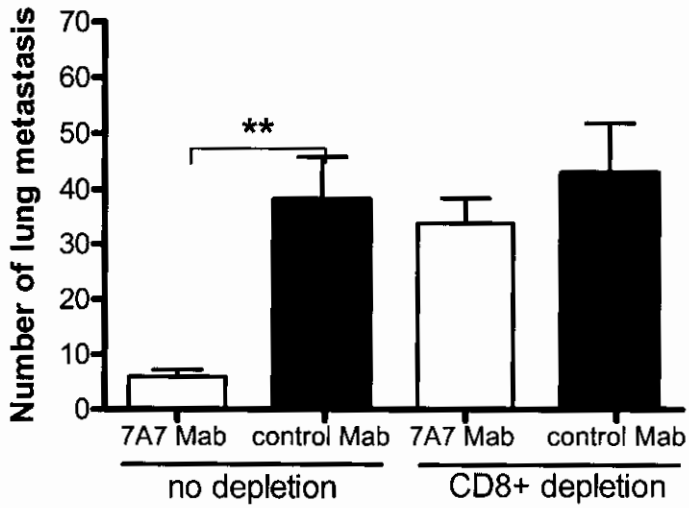


Figure 4

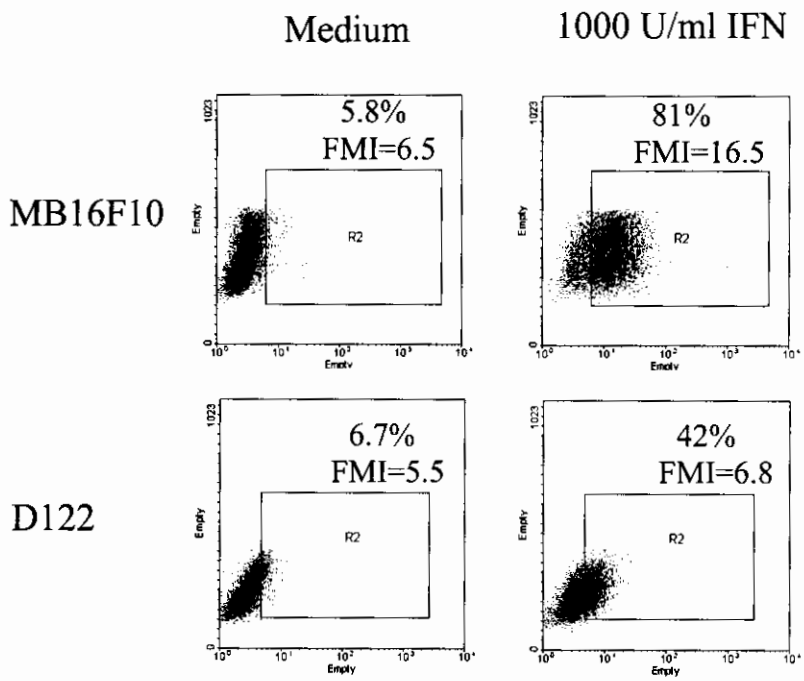


Figure 5

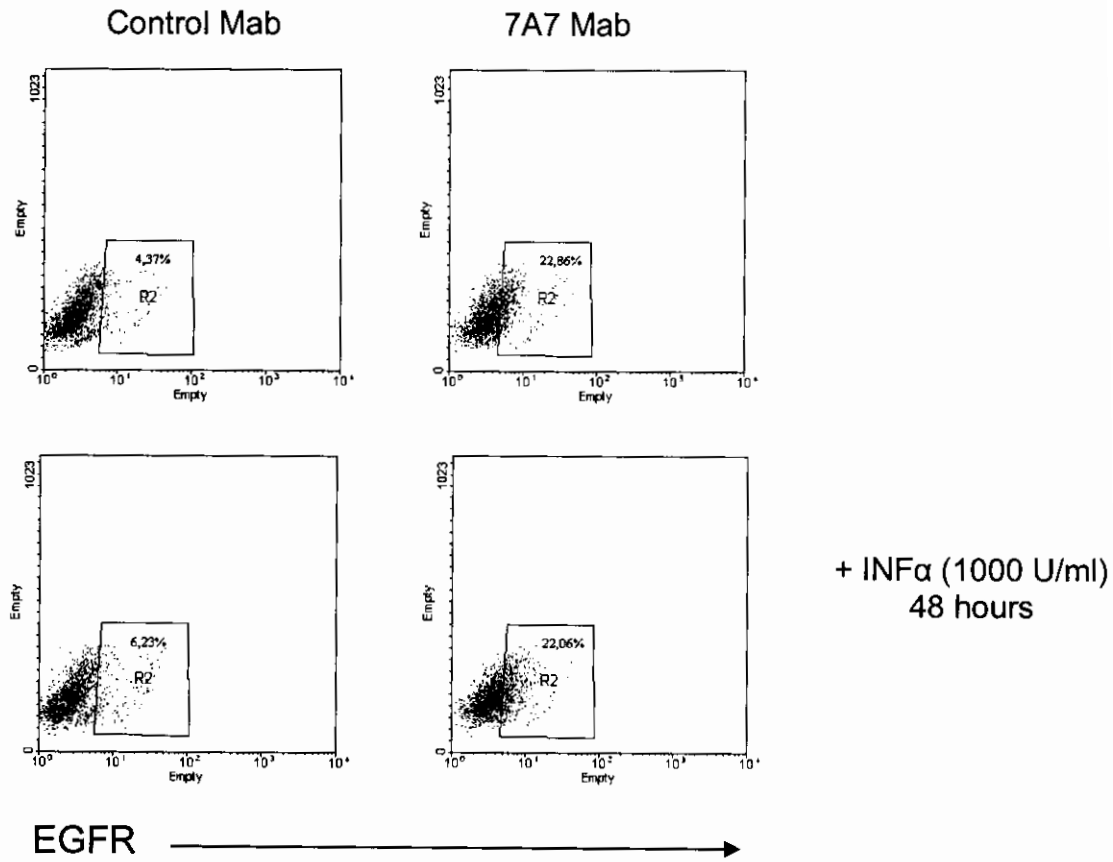


Figure 6

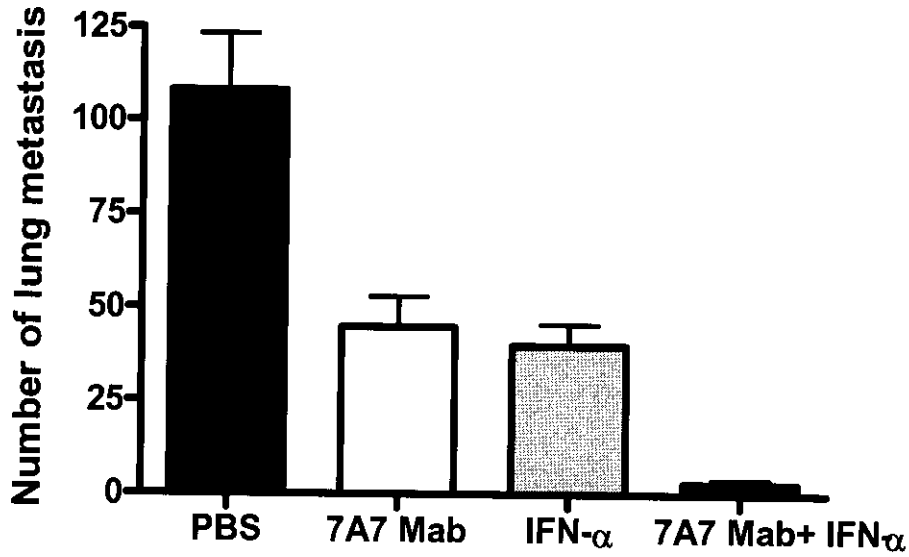

Number of lung metastasis
125
100
75
50
25
0
PBS
7A7 Mab
IFN-α
7A7 Mab+ IFNα

Figure 7