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  61 gggacggccc gttttccgcc agctcgccgc tcgctatggc gtcgctcacc gtgaaggcct
 121 accttctggg caaggaggac gcggcgcgcg agatttcgcg cttcagcttc tgctgcagcc
 181 ccgagcctga ggcggaagcc gaggctgcgg cgggtccggg acgctgcgag cggctgctga
 241 gccgggtggc cgccctgttc cccgcgctgc ggcctggcgg cttccaggcg cactaccgcg
 301 atgaggacgg ggacttggtt gccttttcca gtgacgagga attgacaatg gccatgtcct
 361 acgtgaagga tgacatcttc cgaatctaca ttaaagagaa aaaagagtgc cggcgggacc
 421 accgccccac gtgtgctcag gaggcgcccc gcaacatggt gcacccgaat gtgatctgcg
 481 atggctgcaa tgggcctgtg gtaggaaccc gctacaagtg cagcgtctgc ccagactacg
 541 acttgtgtag cgtctgcgag ggaaagggct tgcaccgggg gcacaccaag ctcgcattcc
 601 ccagccgctt cgggcacctg tctgagggct tctcgcacag ccgctggctc cggaaggtga
 661 aacacggaca cttcgggtgg ccaggatggg aaatgggtcc accaggaaac tggagcccac
 721 gtcctcctcg tgcaggggag gcccgcctg gccccacggc agaatcagct tctggtccat
 781 cggaggatcc gagtgtgaat ttcctgaaga acgttgggga gagtgtggca gctgccctta
 841 gccctctggg cattgaagtt gatatcgatg tggagcacgg agggaaaaga agccgcctga
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 961 gctgctctga ccccagcaag ccgggtggga atgttgaggg cgccacgcag tctctggcgg
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1081 ataactgttc aggaggagat gatgactgga cccatctgtc ttcaaaagaa gtggacccgt
1141 ctacaggtga actccagtcc ctacagatgc cagaatccga agggccaagc tctctggacc
1201 cctcccagga gggacccaca gggctgaagg aagctgcctt gtacccacat ctcccgccag
1261 aggctgaccc gcggctgatt gagtccctct cccagatgct gtccatgggc ttctctgatg
1321 aaggcggctg gctcaccagg ctcctgcaga ccaagaacta tgacatcgga gcggctctgg
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2041 gtaaacaatc taatttaaatg gcatcagcac tttaaccaat gacgtttgca tagagagaaa
2101 tgattgacag taagtttatt gttaatggtt cttacagagt atctttaaaa gtgccttagg
2161 ggaaccctgt ccctcctaac aagtgtatct cgattaataa cctgccagtc ccagatcaca
2221 catcatcatc gaagtcttcc ccagttataa agaggtcaca tagtcgtgtg ggtcgaggat
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2341 tcttcccgca aggcctctca gacccagatg tgacggggtg tgtggcccga ggaagctgga
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2581 taacctgctg gatgggactc catagctcct tcccaggacc cctcagctcc ccggcactgc
2641 agtctgcaga gttctcctgg aggcaggggc tgctgccttg tttcaccttc catgtcaggc
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2761 ccaggaggac cgcctgcccc gcctgggcct tggctgggcc tctggttctg acactttctg
2821 ctggaagctg tcaggctggg acaggctttg attttgaggg ttagcaagac aaagcaaata
2881 aatgccttcc acctcaccgc aaaaaaaaaa aaaaaaaaaa aaa (SEQ ID NO: 1)
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FIG. 1

```
  1 maslsvkayl lgkedaarel rrfsfccspe peaeaeaaag pqpcerllsr vaalfpalrp
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121 mvhpnvicdg cngpvvgtry kcsvcpdydl csvceqkglh rghtklafps pfghleegfs
181 harwlrkvkh ghfgwpgwem gppgowsprp pragearpgp taesasqpse dpsvaflknv
241 geavaaalsp lgievdidve hggkrsrltp vepeasstee kassqpasco sdpskpggnv
301 egatqslaeq mrklaleseq rpeeqmesdn csggdddwth lsskevdpst gelqslgmpe
361 seqpsldps qegptglkea alyphippea dprlleslsq mlsmgfsdeg gwltrllqtk
421 nydigaaldt lqyskhpppl (SEQ ID NO: 2)
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FIG. 2

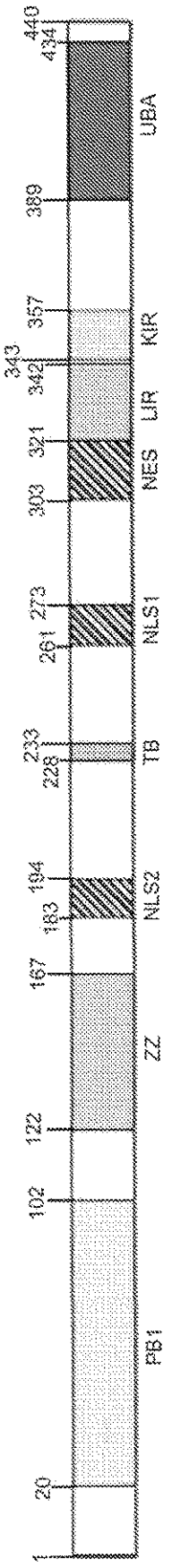

440
434
UBA
389
357
KIR
343
342
UIR
321
NES
303
273
NLS1
261
233
228
TB
194
NLS2
183
167
ZZ
122
102
PB1
20
1

FIG. 3

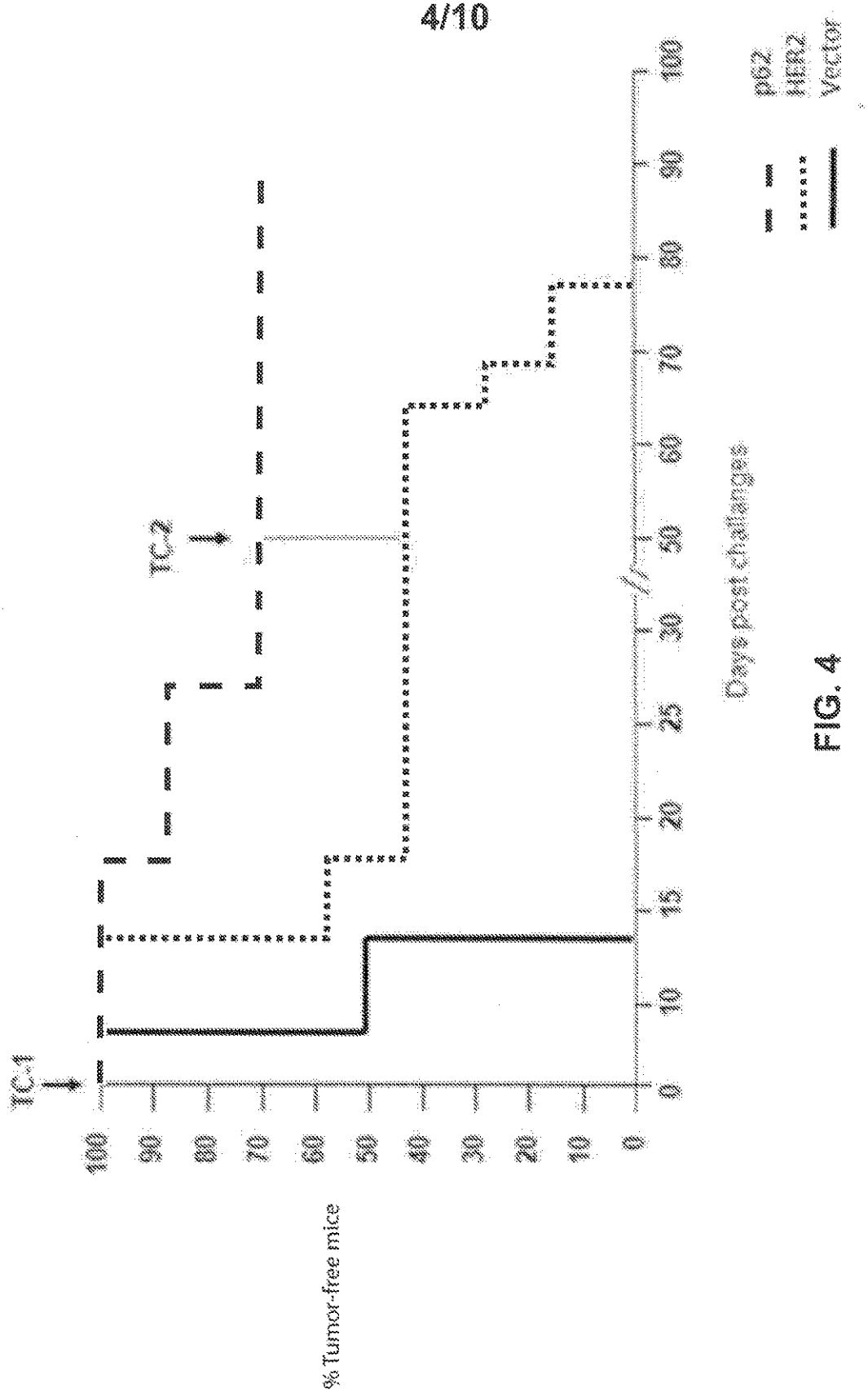

TC-1
TC-2
100
90
80
70
60
50
40
30
20
10
0
% Tumor-free mice
0
10
15
20
25
30
50
60
70
80
90
100
Days post challenges
p62
HER2
Vector

FIG. 4

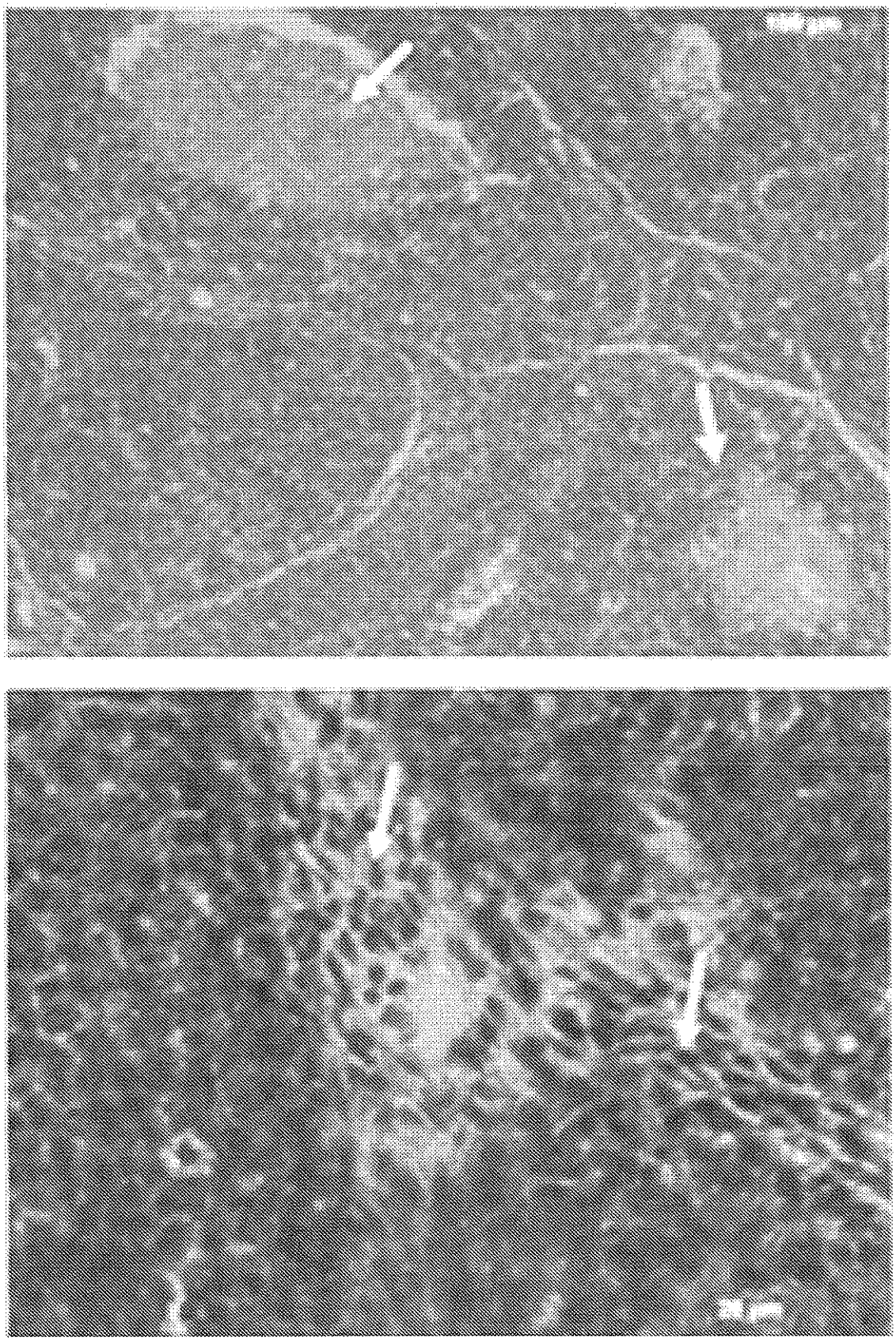


FIG. 5

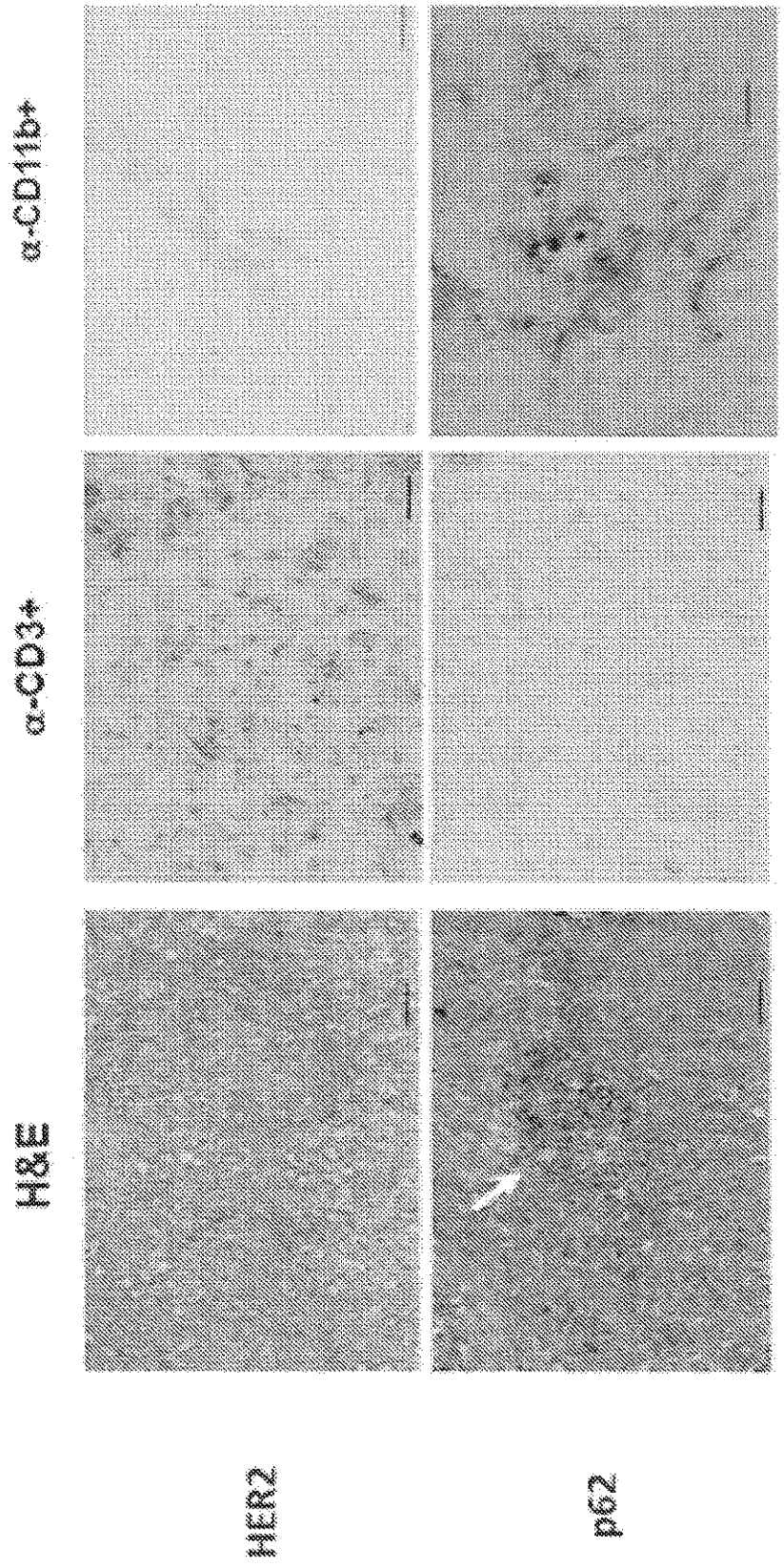


FIG. 6

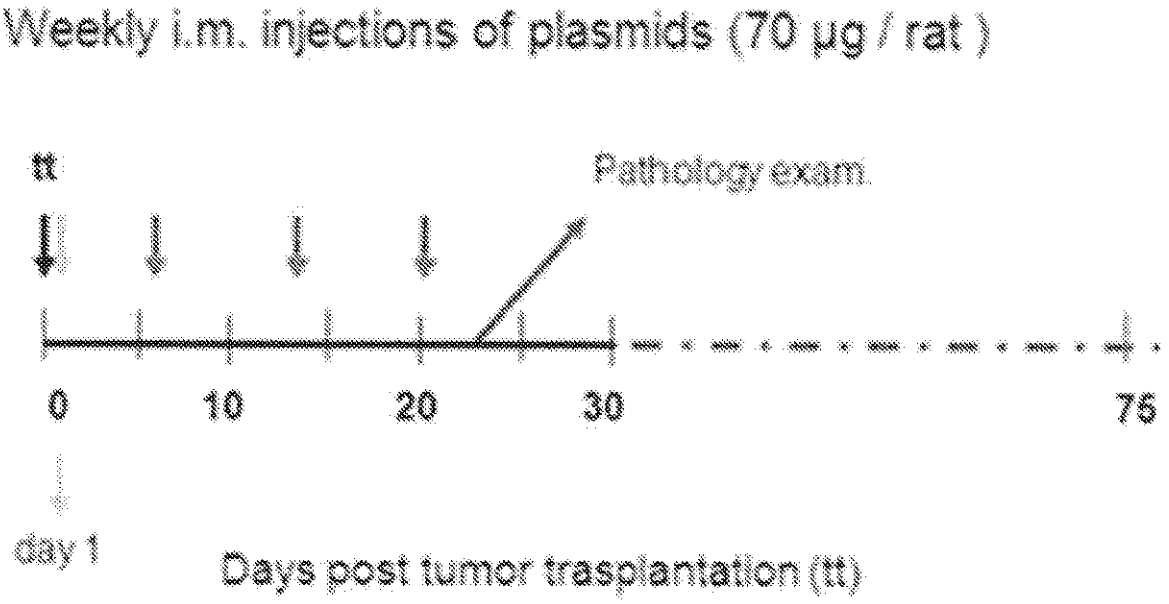

Weekly i.m. injections of plasmids (70 µg / rat)
tt
Pathology exam
0
10
20
30
75
day 1
Days post tumor trasplantation (tt)

FIG. 7

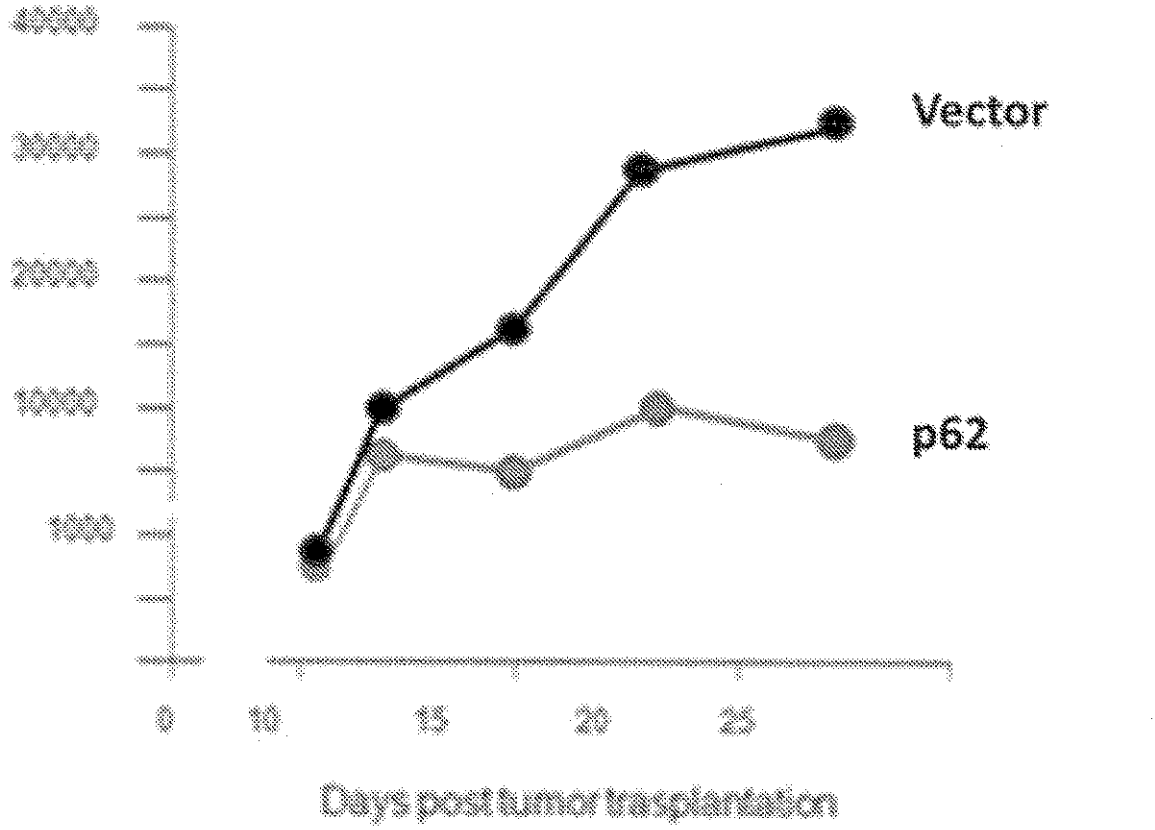
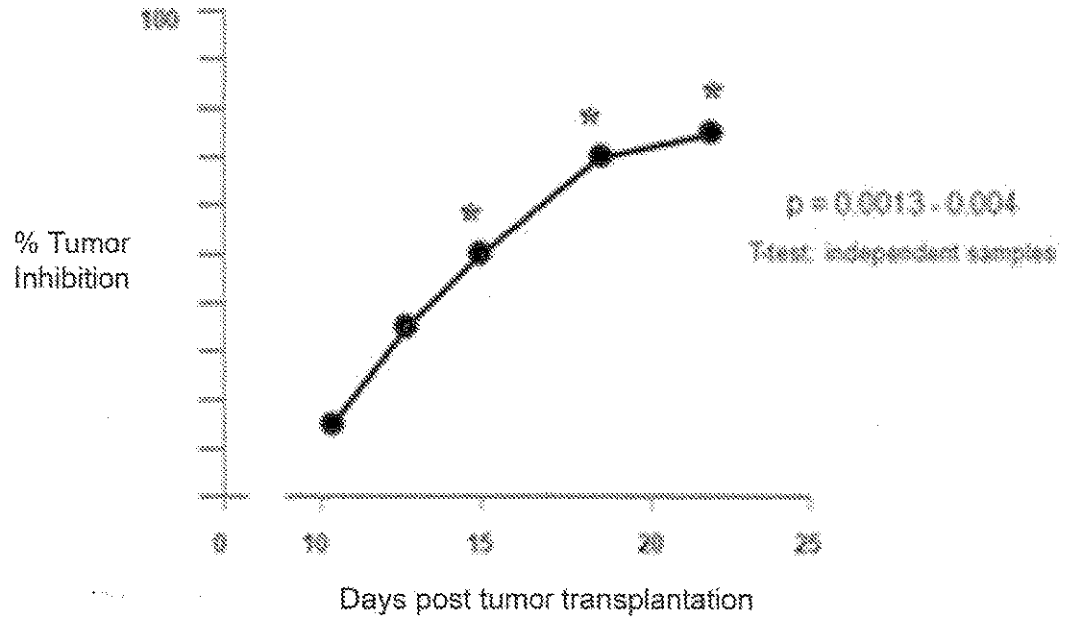

Vector
p62
0
10
15
20
25
Days post tumor trasplantation

FIG. 8



% Tumor inhibition = (Tumor Volume Control - Tumor Volume p62 Groups) / Tumor Volume Control x 100

FIG. 9

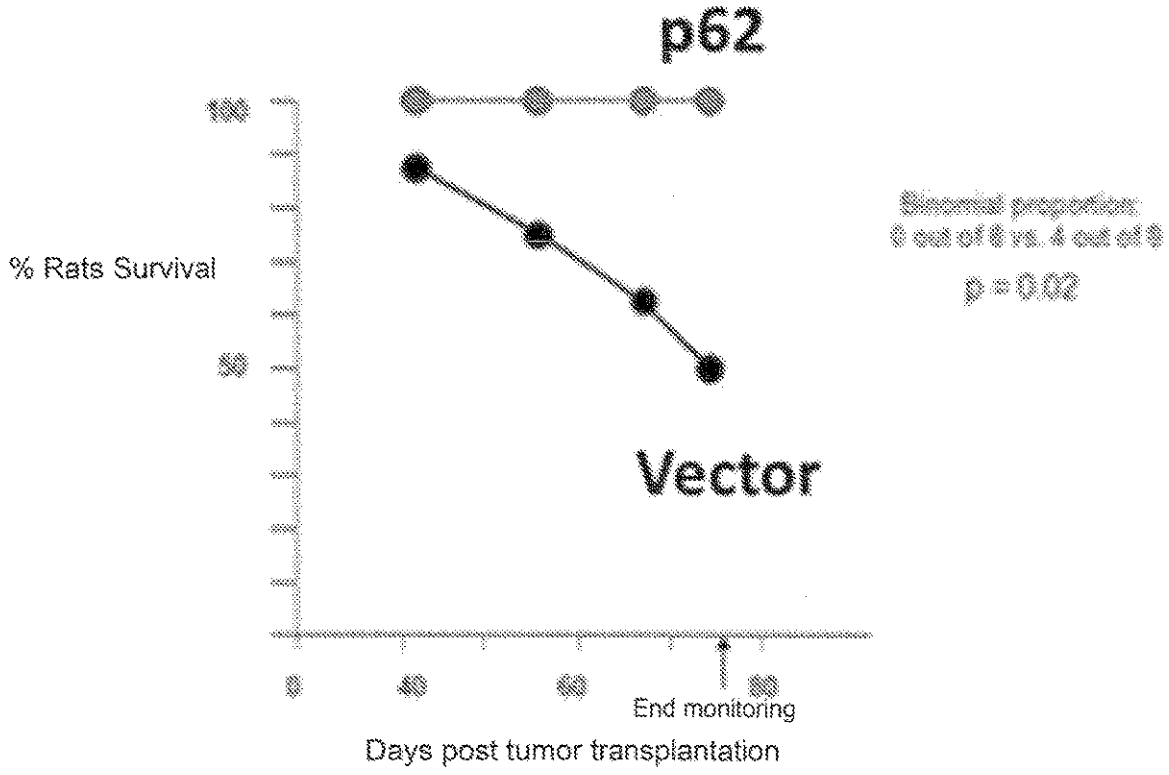


FIG. 10

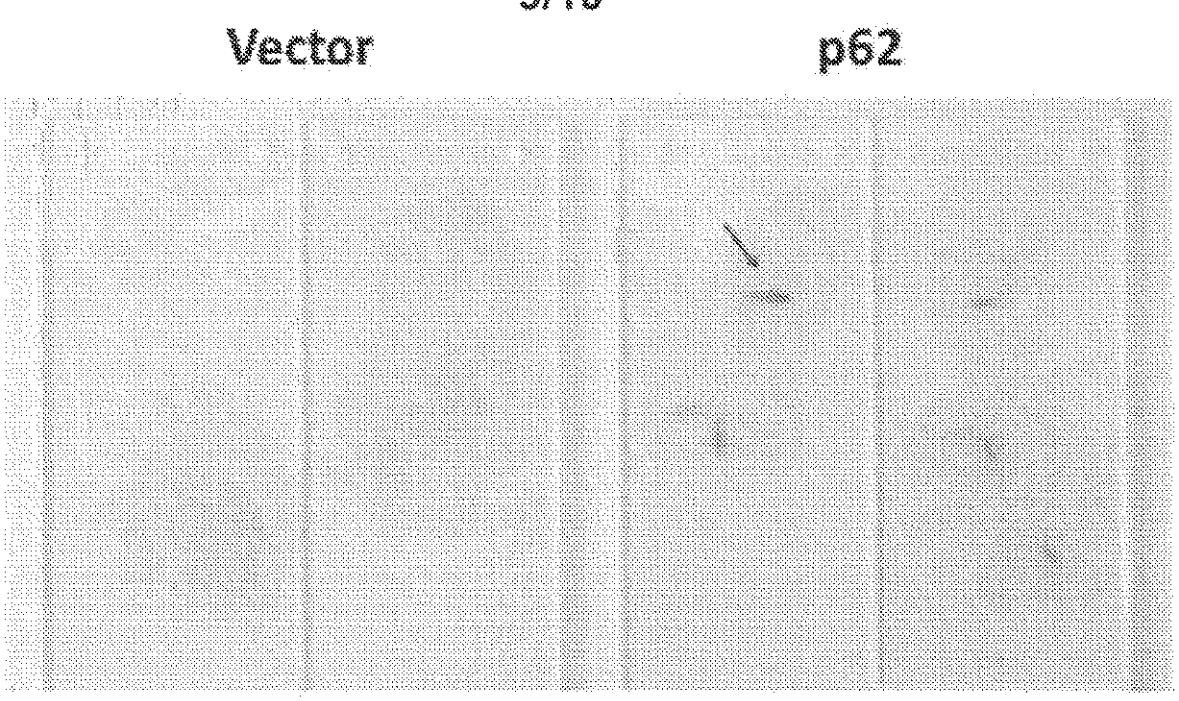


FIG. 11

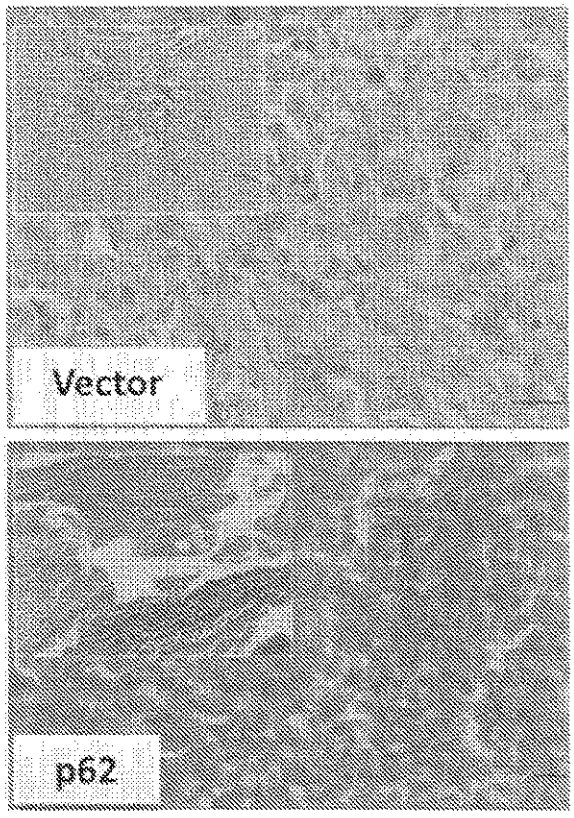


FIG. 12

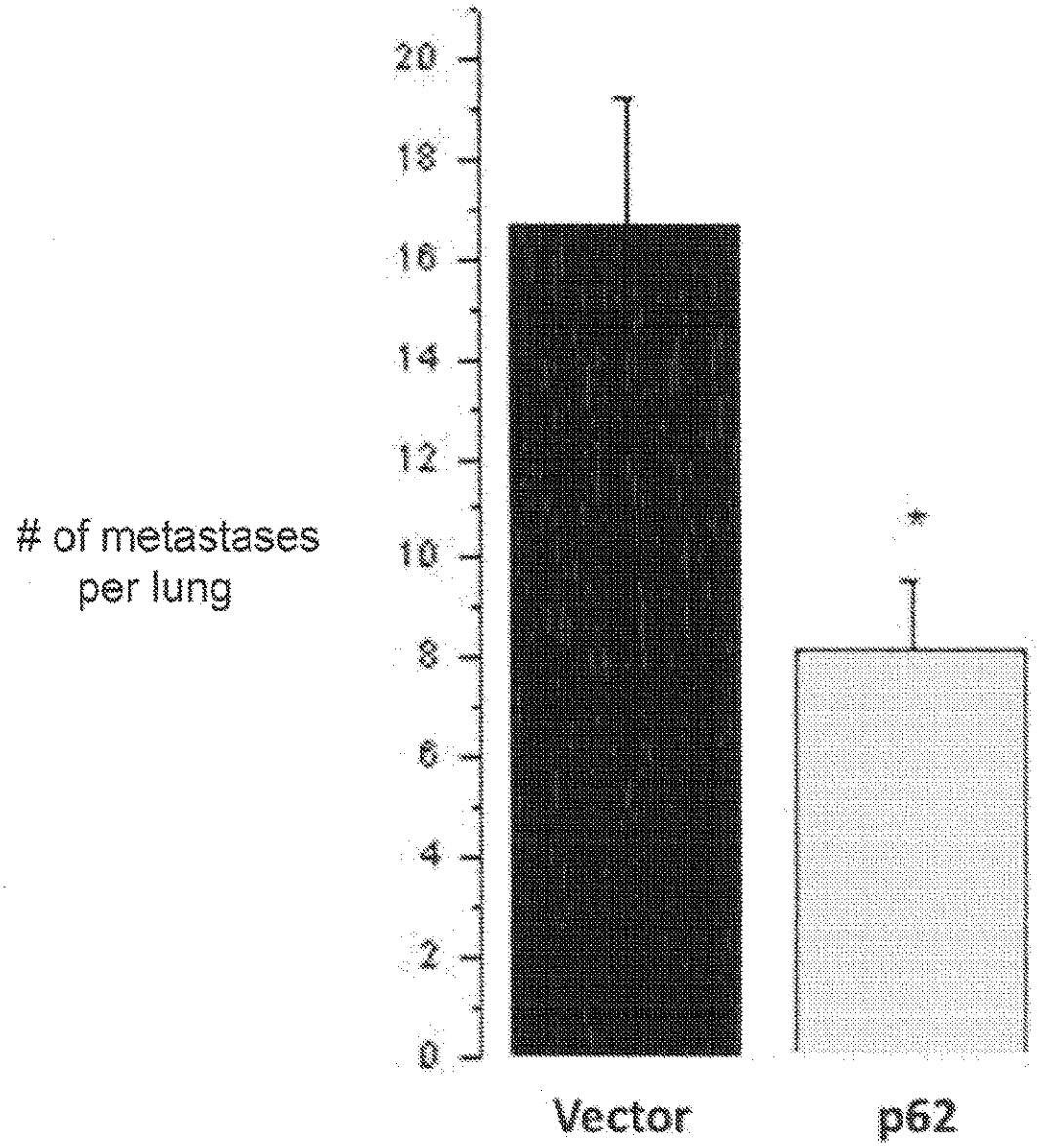


FIG. 13