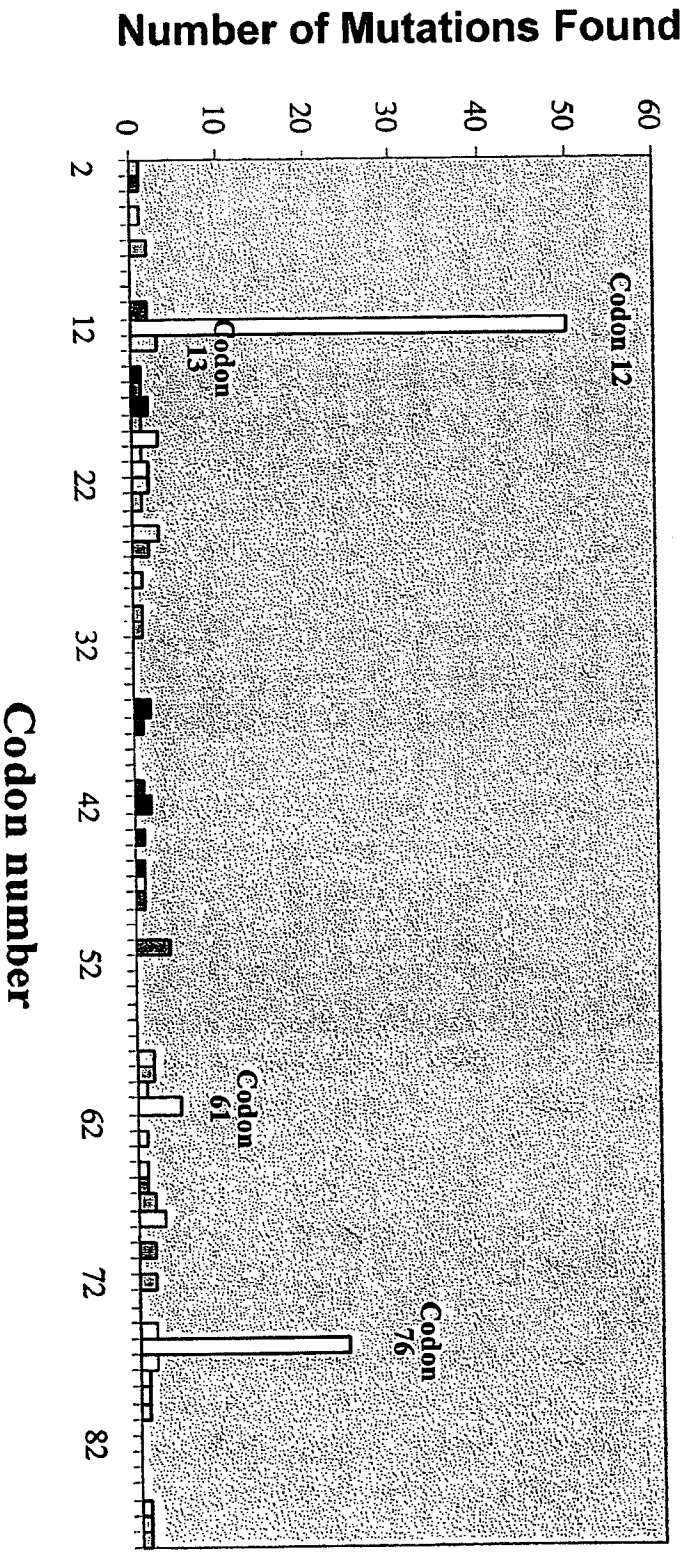

Detection of *ras* mutations in Phase 1 trial biopsy samples (amino acids 2-91)

FIG. 1

FIG. 2A

Negative

BALB/3T3 cells - untransfected

FIG. 2B

Positive

BALB/3T3 cells - G12V + E76G Ras transfected

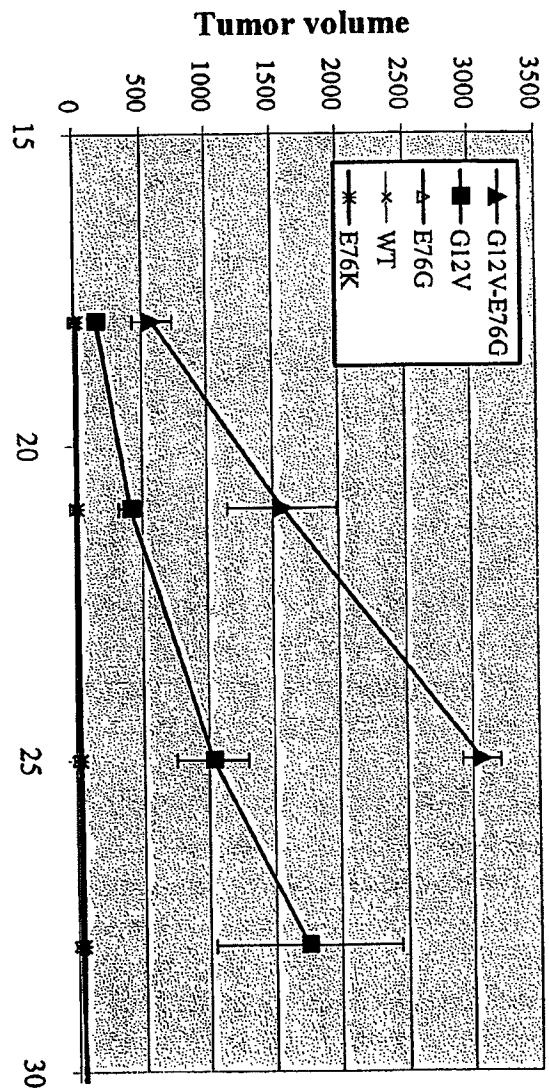
Tumor volume
3500
3000
2500
2000
1500
1000
500
0
15
20
25
30
Days after injection
G12V-E76G
G12V
E76G
WT
E76K

FIG. 3A

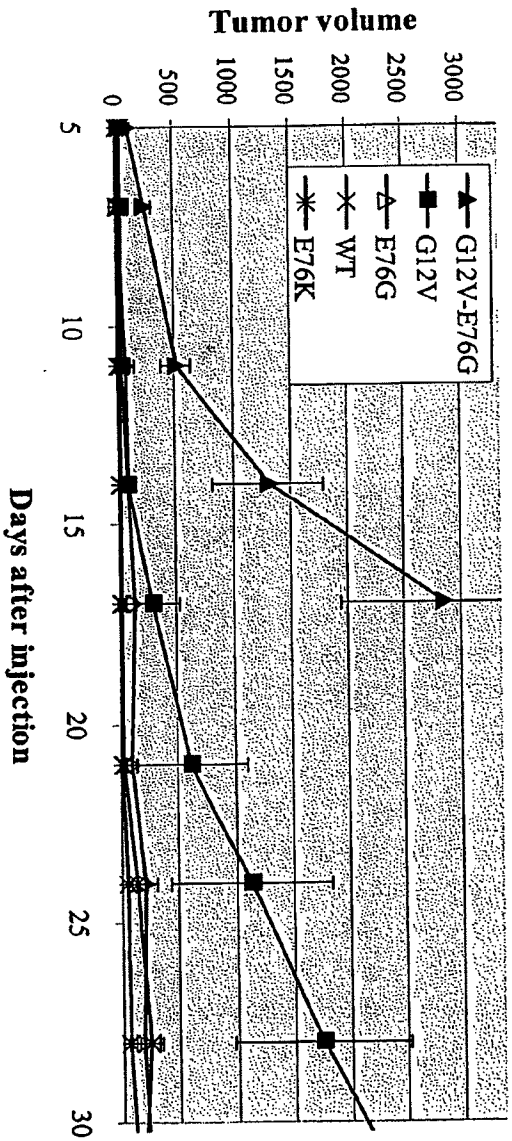
Tumor volume
3000
2500
2000
1500
1000
500
0
5
10
15
20
25
30
Days after injection
G12V-E76G
G12V
E76G
WT
E76K

FIG. 3B

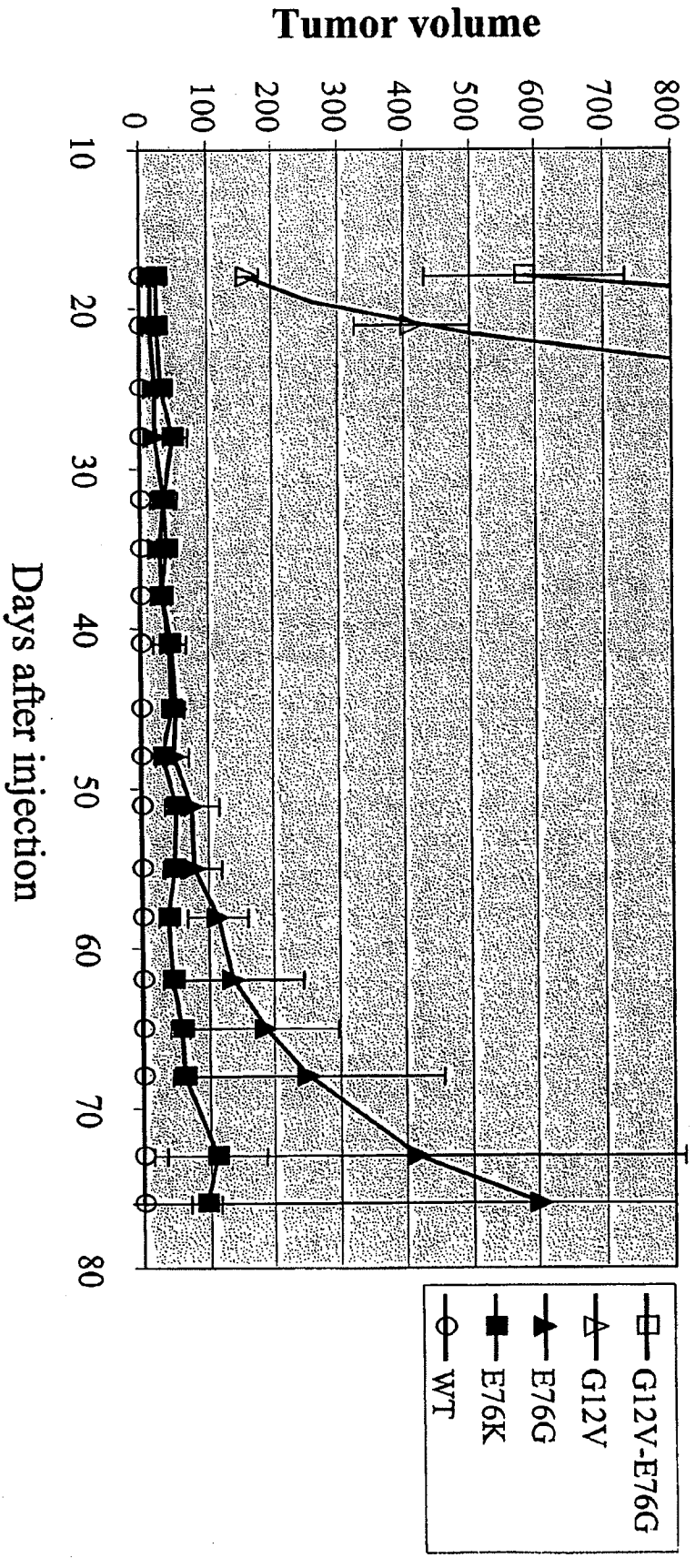
Tumor volume
800
700
600
500
400
300
200
100
0
10
20
30
40
50
60
70
80
Days after injection
G12V-E76G
G12V
E76G
E76K
WT

FIG. 3C

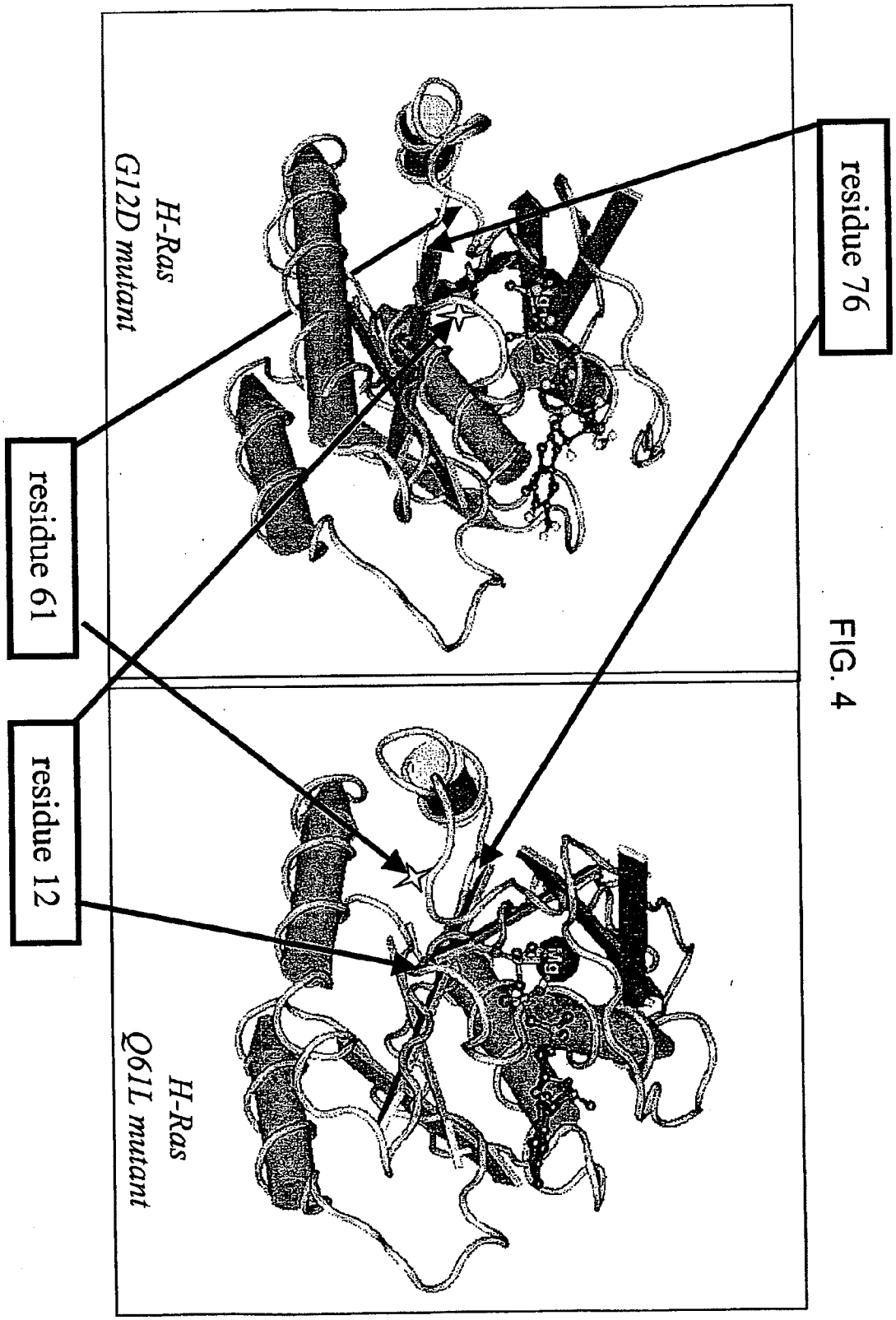
residue 76
residue 61
residue 12
H-Ras
G12D mutant
H-Ras
Q61L mutant

FIG. 4