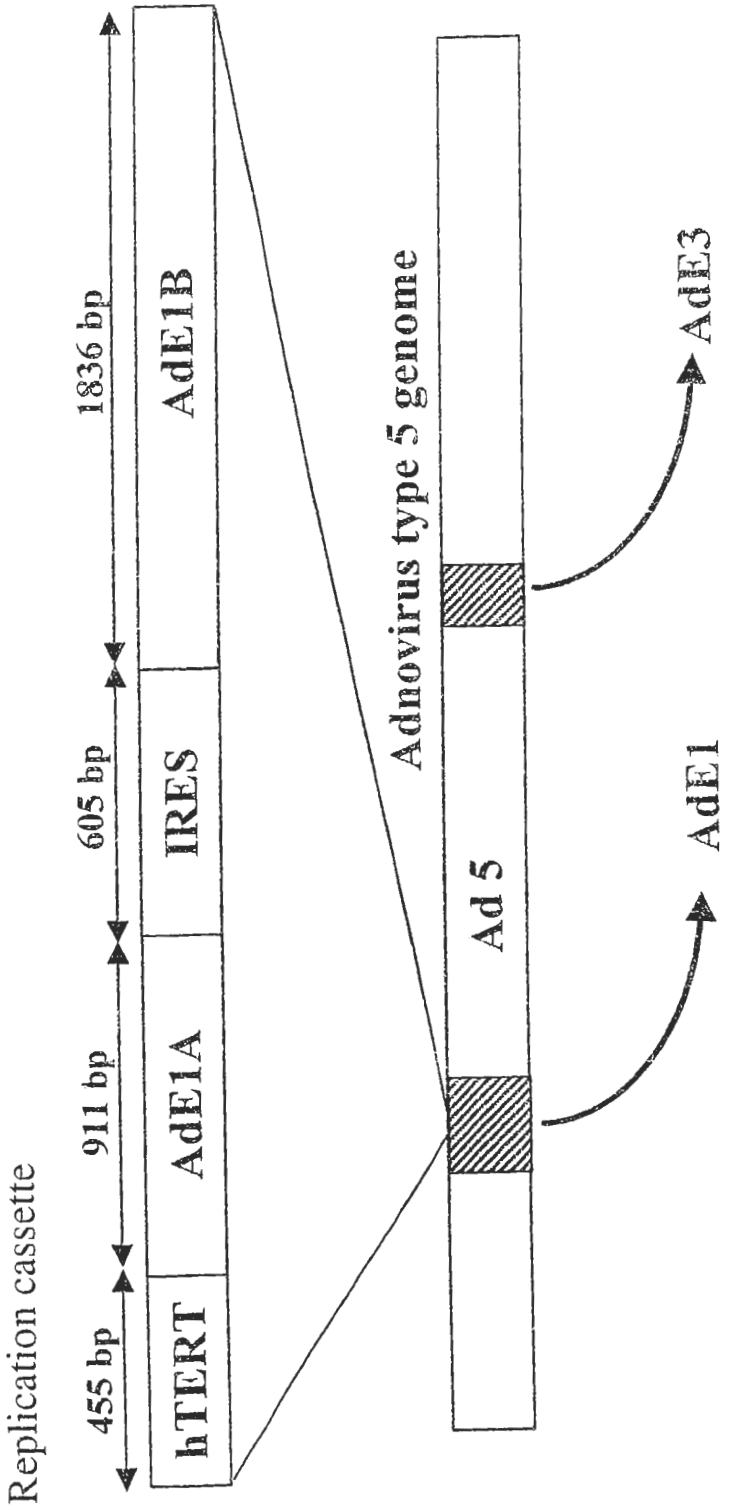
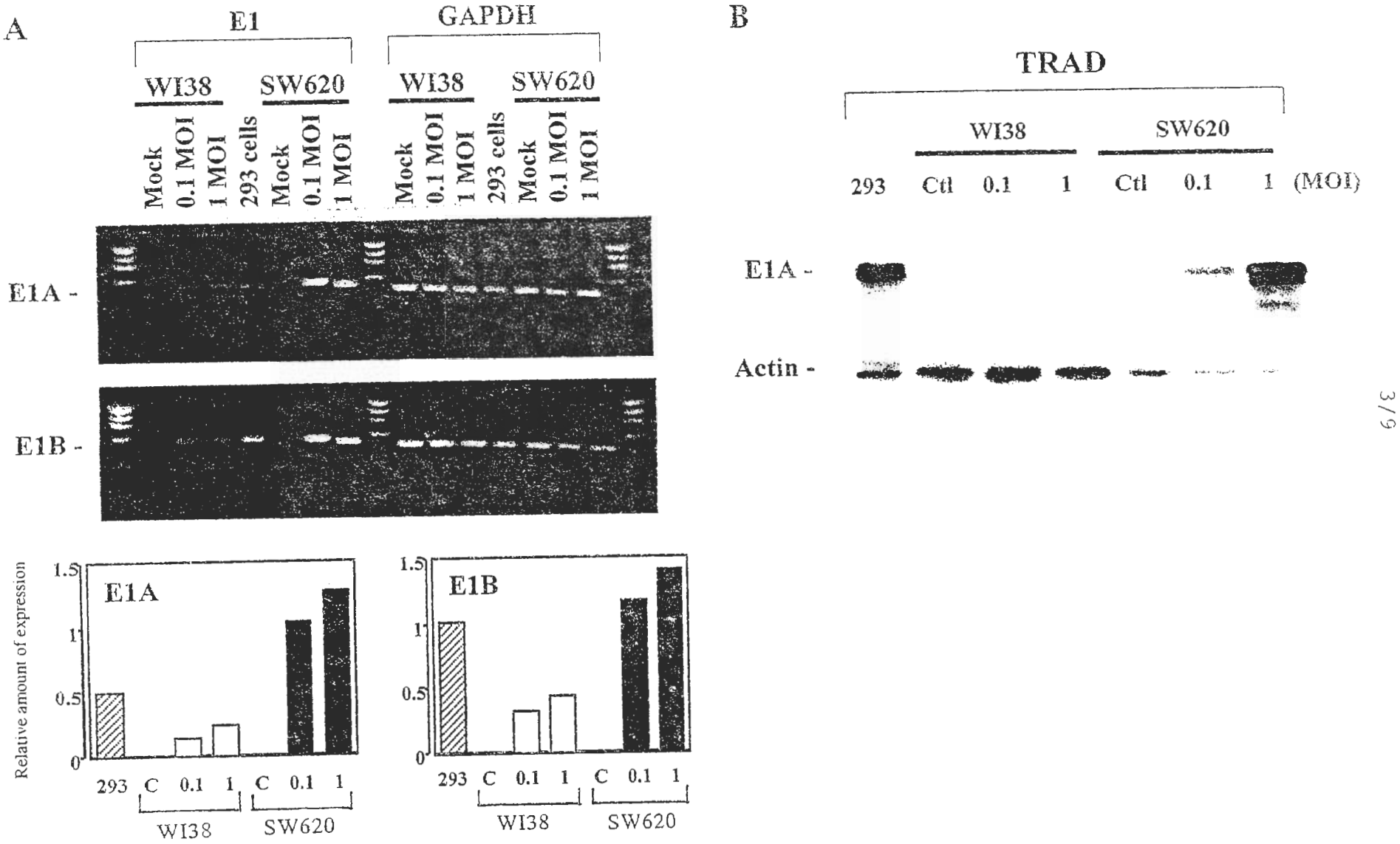
Fig. 1


Replication cassette
455 bp
911 bp
605 bp
1836 bp
hTERT
AdE1A
IRES
AdE1B
Adnovirus type 5 genome
Ad 5
AdE1
AdE3


Relative hTERT mRNA level
(A549 as 1.0)
1.2
1
0.8
0.6
0.4
0.2
0
A549
H226Br
HEK293
Sw620
Lovo
DLD-1
H1299
HuVEC(SV40)
WI38
NHLF

Fig. 2

Fig. 3



27 DEC 2006

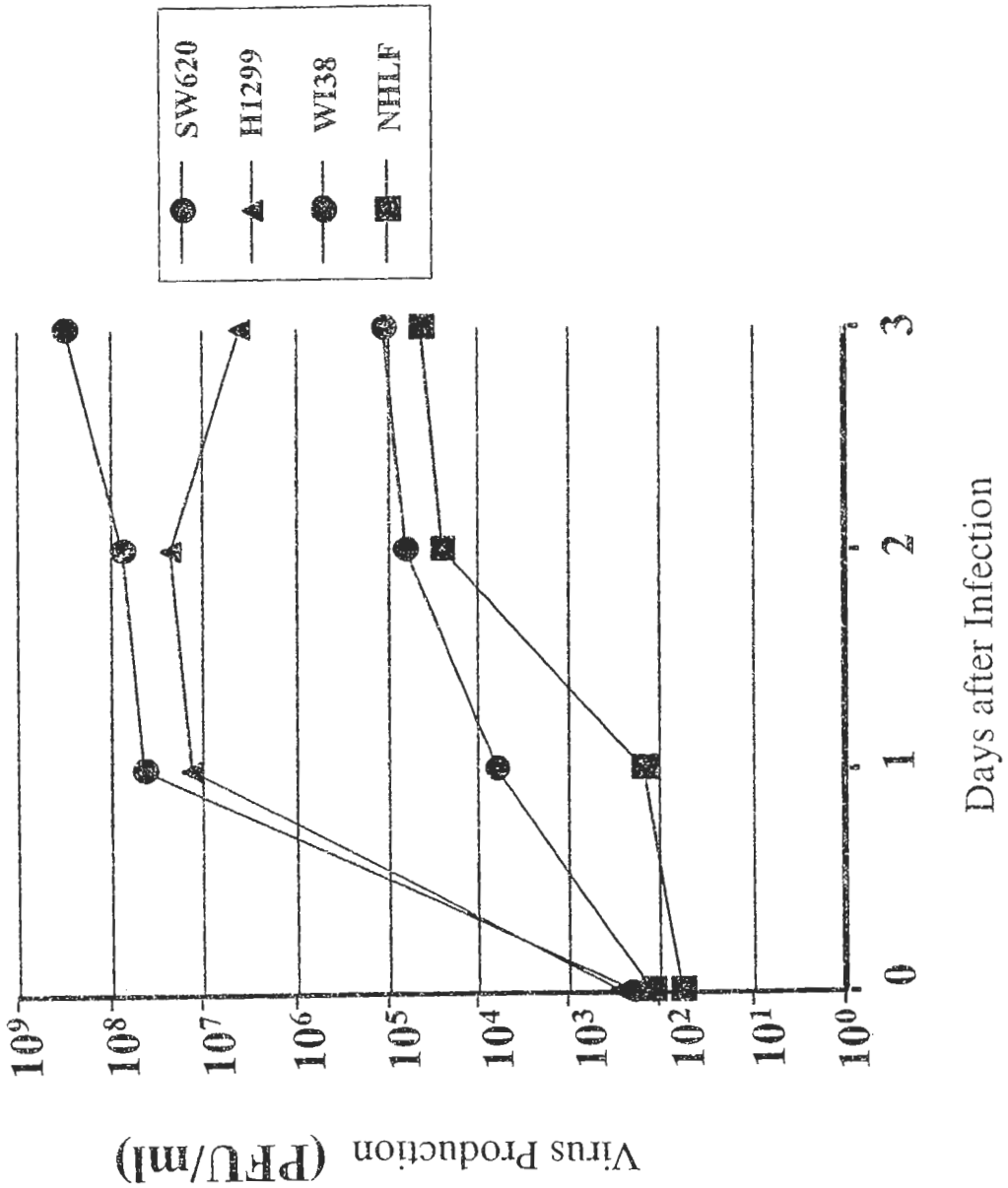

SW620
H1299
WI38
NHLF
Virus Production (PFU/ml)
10^9
10^8
10^7
10^6
10^5
10^4
10^3
10^2
10^1
10^0
0
1
2
3
Days after Infection

Fig. 4

Fig. 5

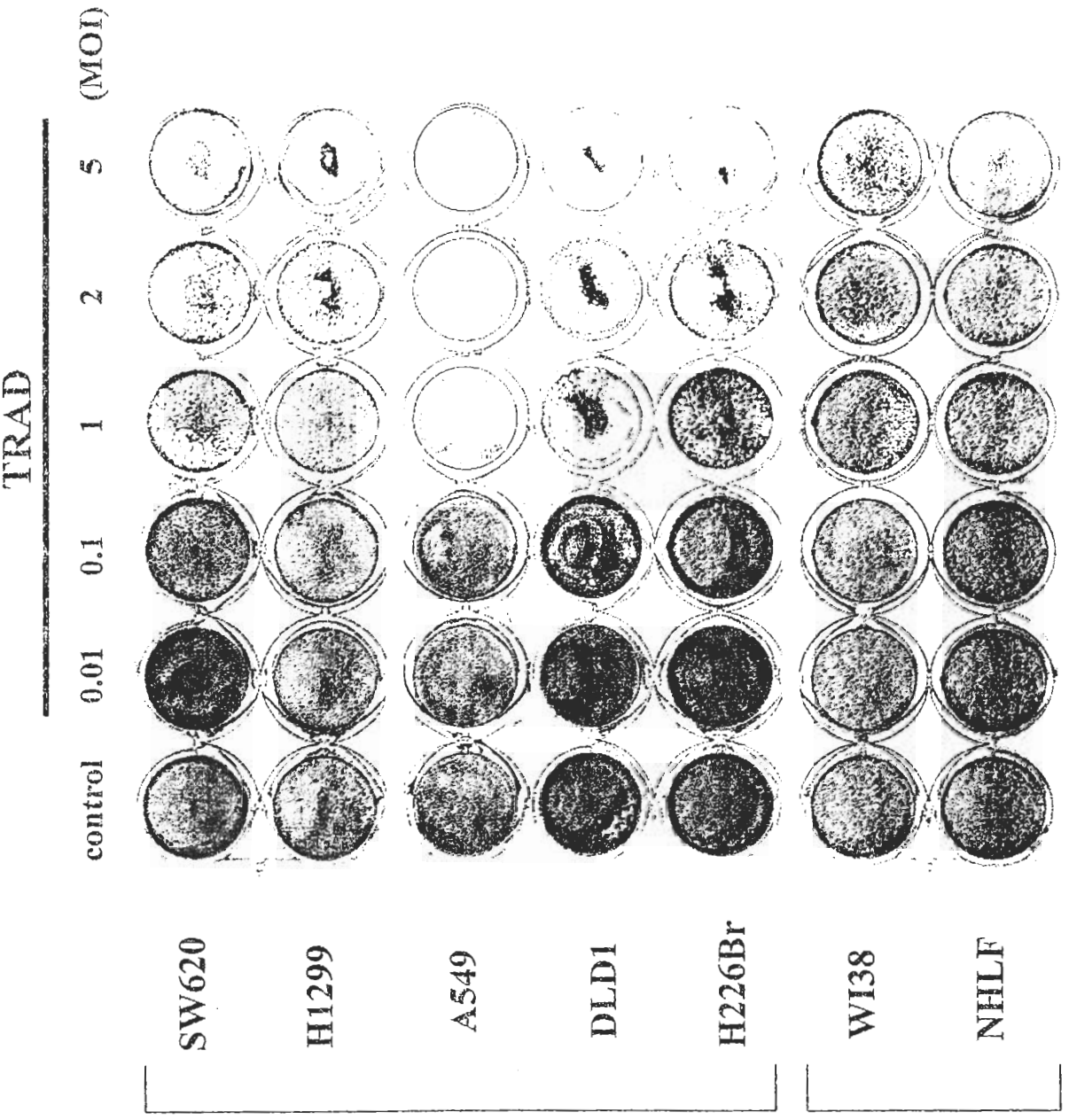

TRAD
control
0.01
0.1
1
2
5
(MOI)
SW620
H1299
A549
DLD1
H226Br
WI38
NHLF
Human Cancer Cells
Normal Cells

Fig. 6

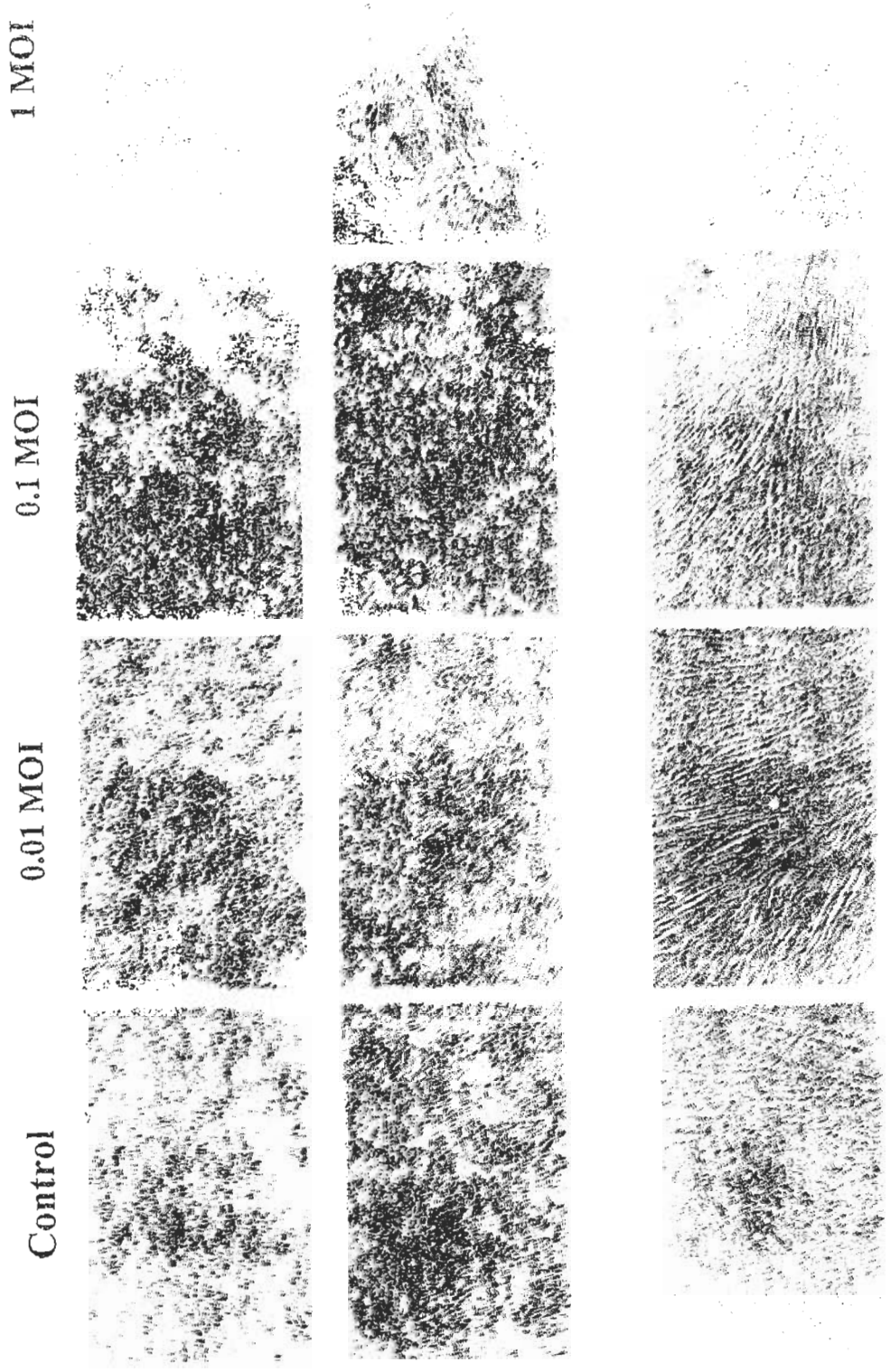
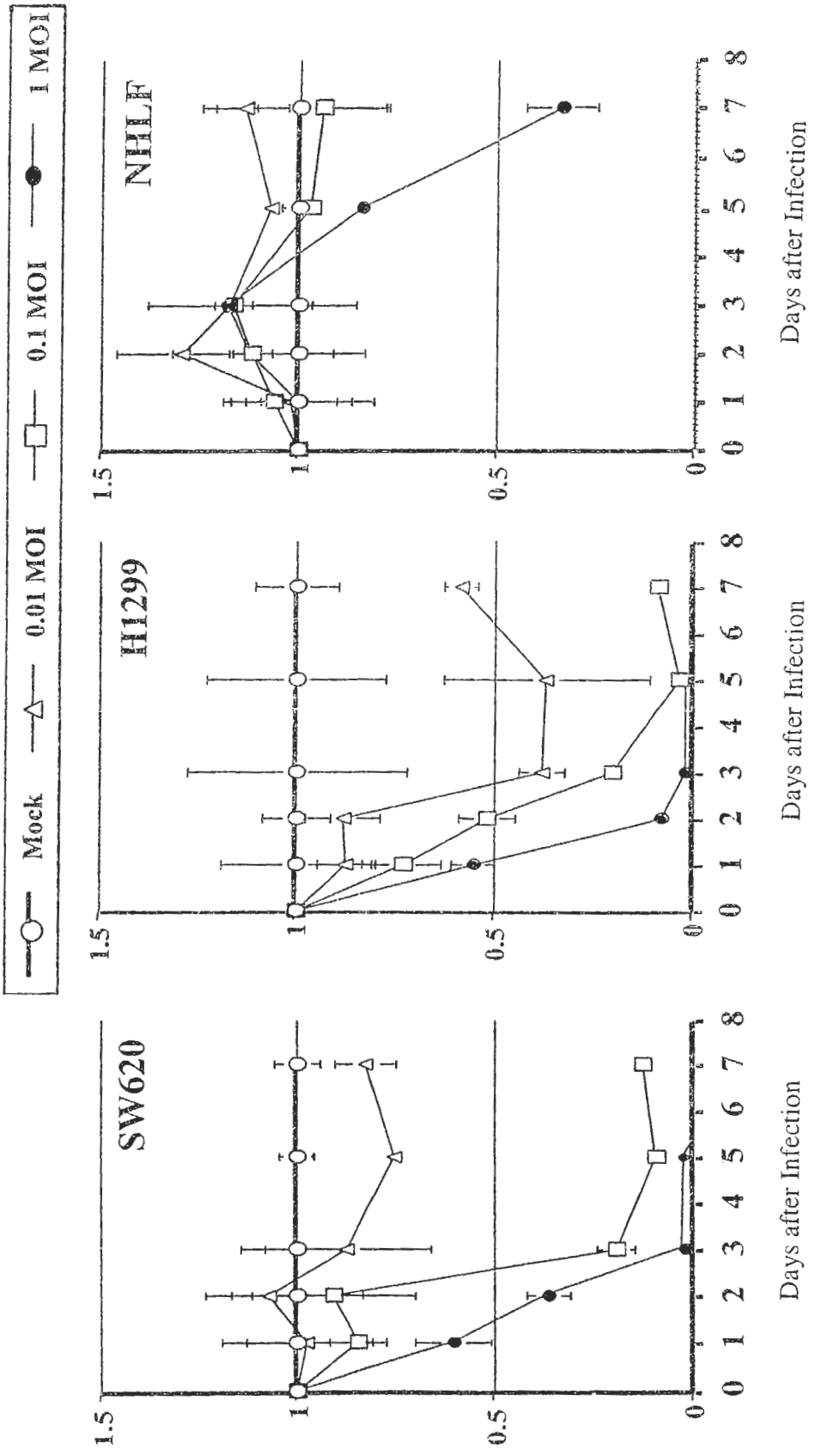


Fig. 7


Mock
0.01 MOI
0.1 MOI
1 MOI
SW620
H1299
NHLF
Relative Cell Viability
Days after Infection
Days after Infection
Days after Infection
1.5
1
0.5
0
0 1 2 3 4 5 6 7 8

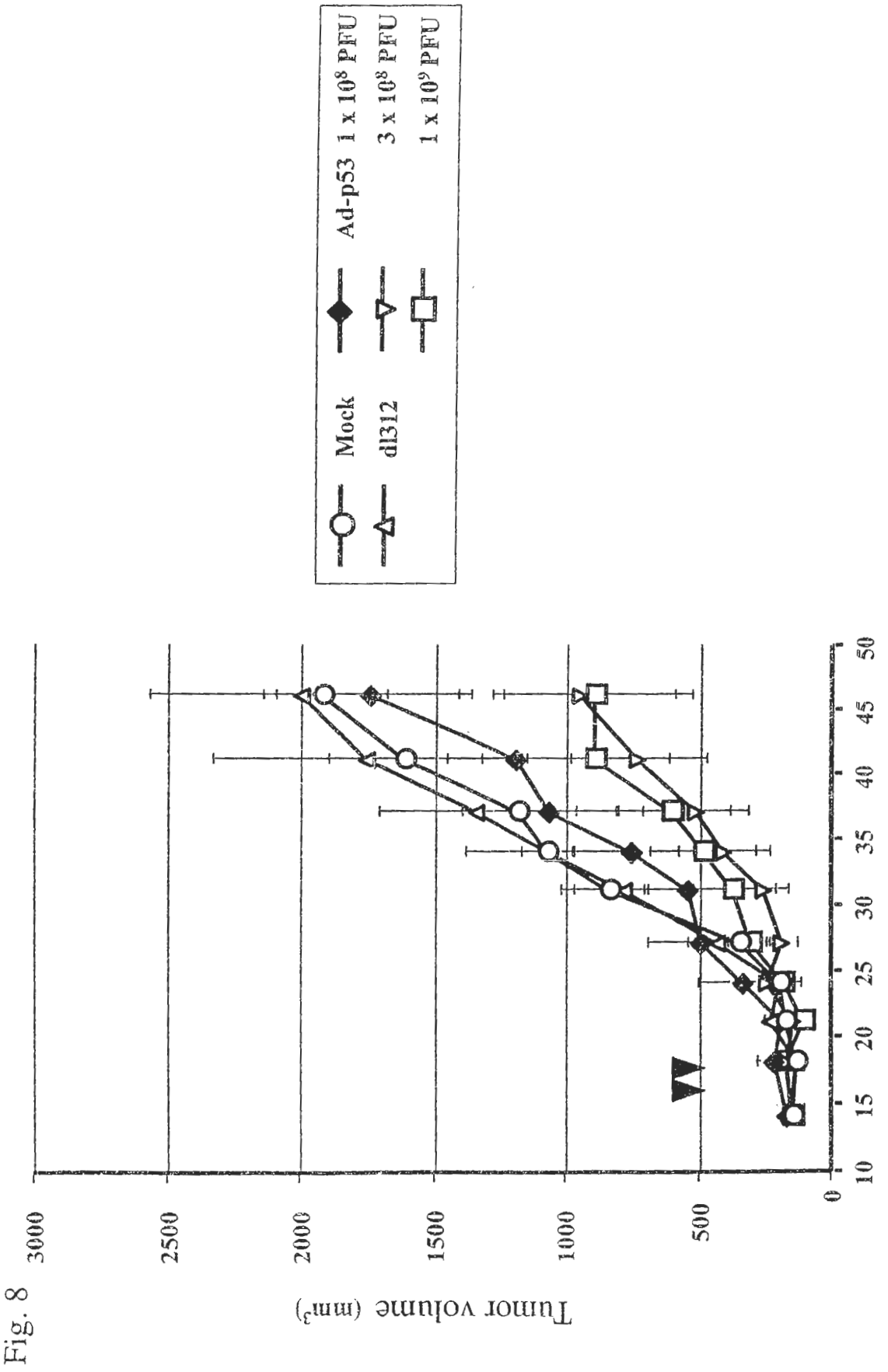

Mock
dl312
Ad-p53 1 x 10^8 PFU
3 x 10^8 PFU
1 x 10^9 PFU
Tumor volume (mm^3)
3000
2500
2000
1500
1000
500
0
10
15
20
25
30
35
40
45
50
Days after Inoculation

Fig. 8

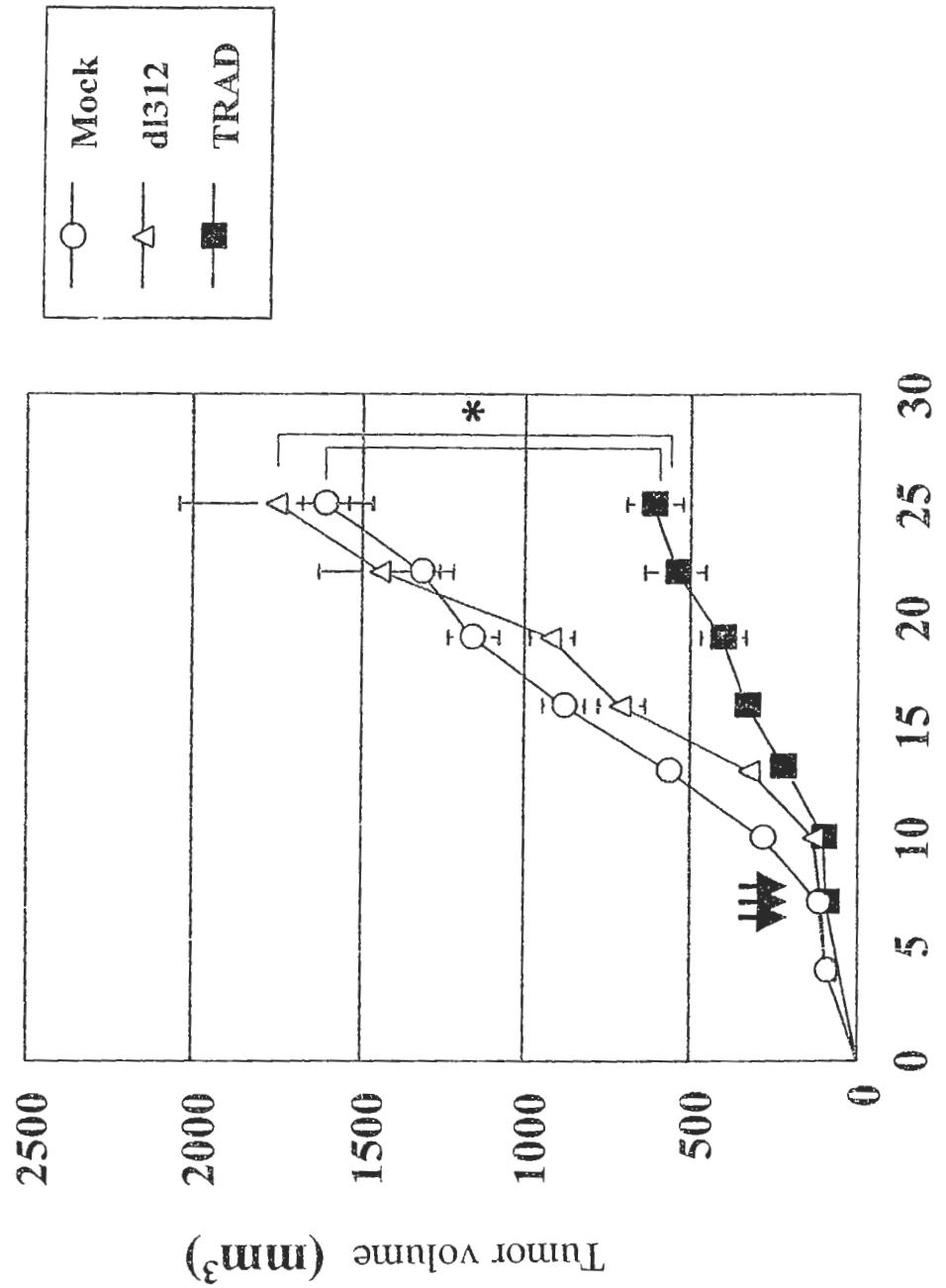

Mock
dl312
TRAD
*
2500
2000
1500
1000
500
0
0
5
10
15
20
25
30
Tumor volume (mm³)
Days after Tranplantation

Fig. 9