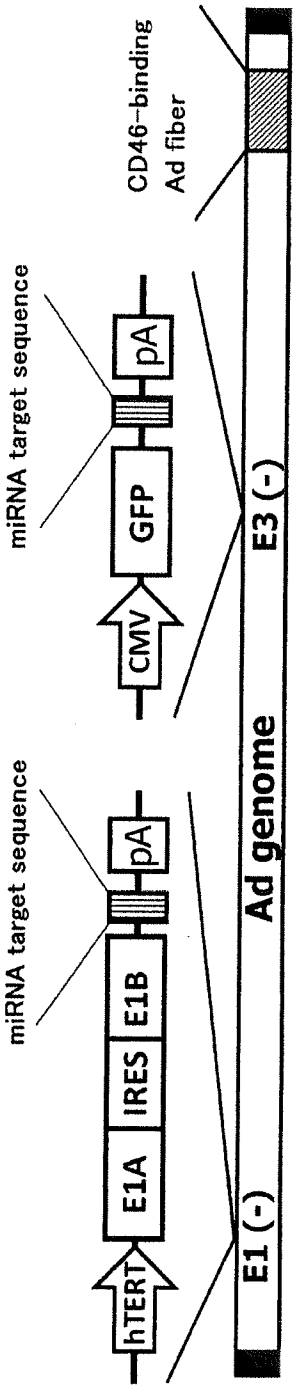
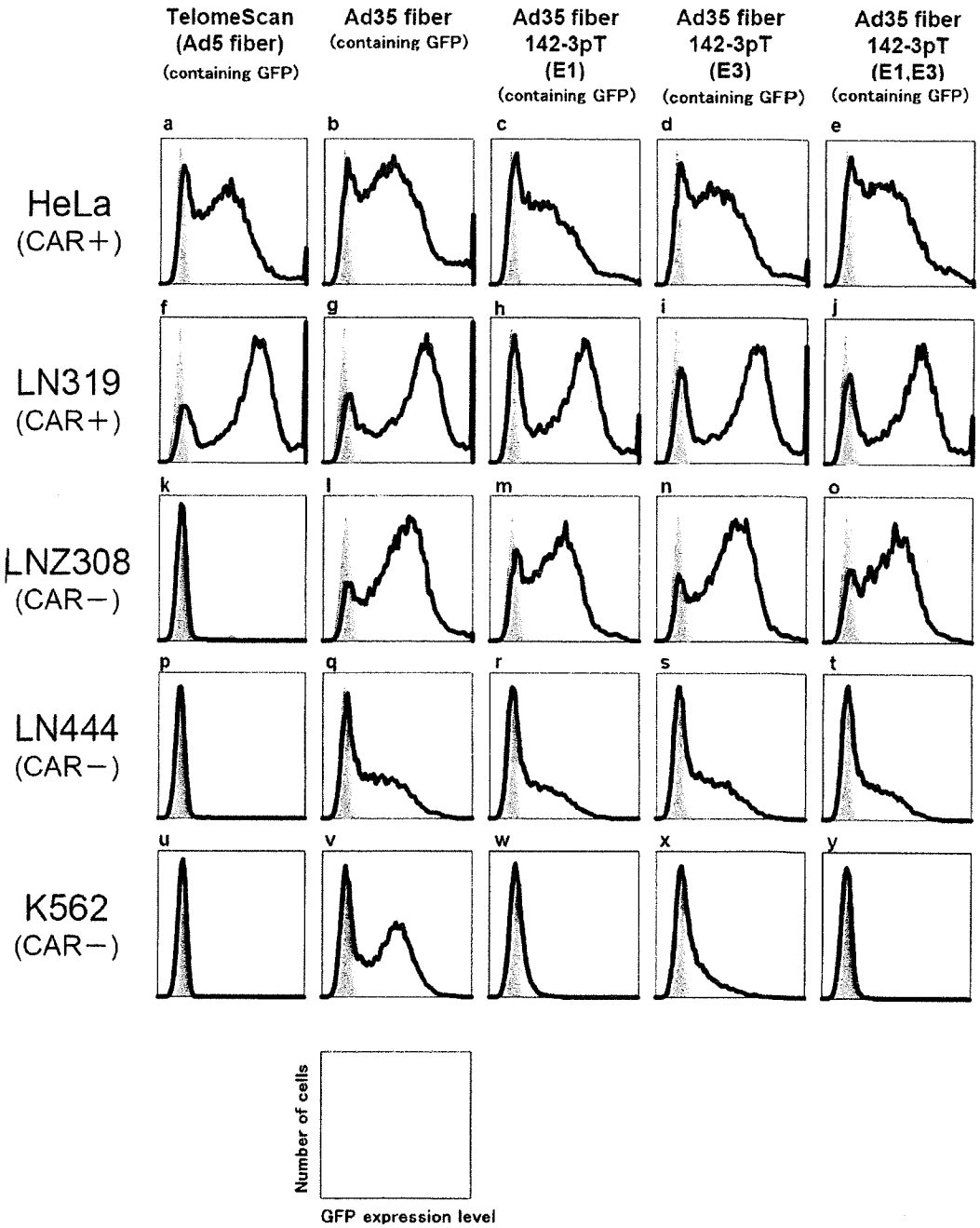
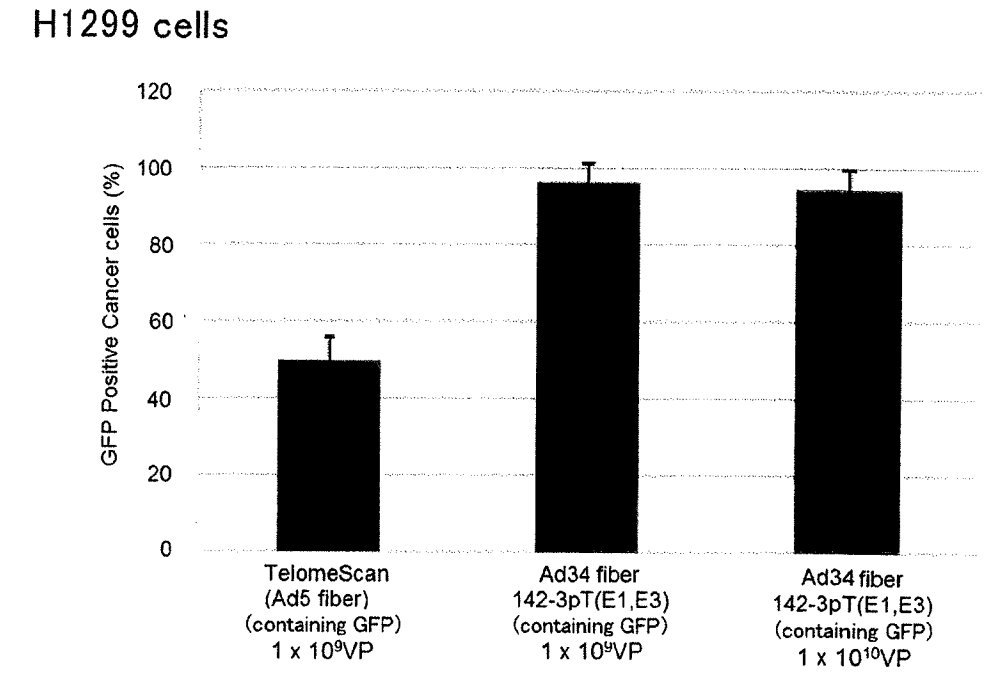
[Figure]
[Figure 1]



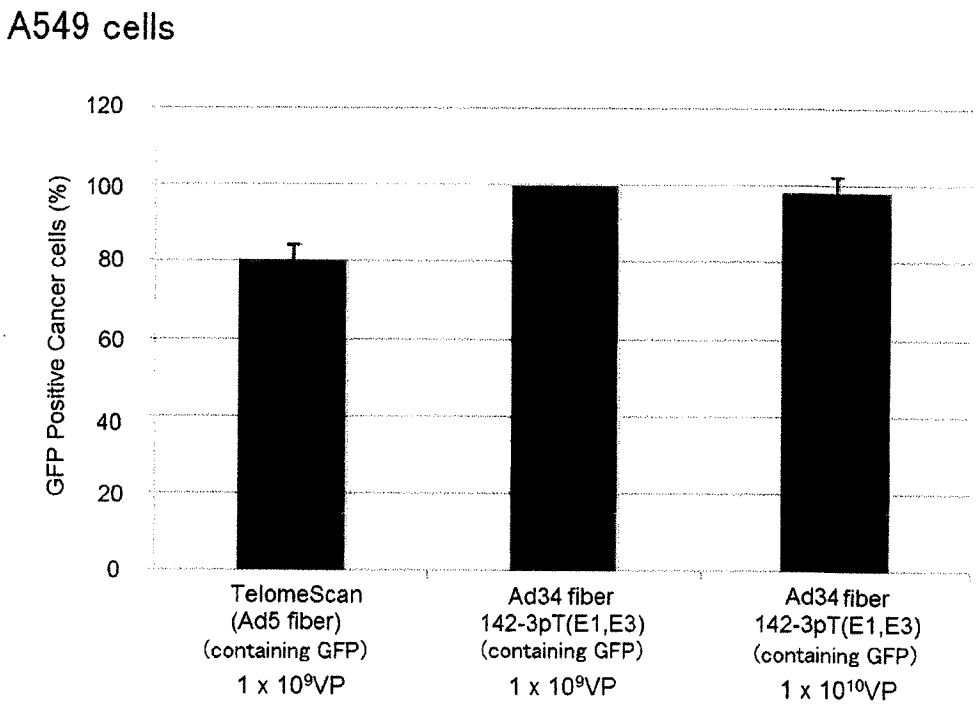
[Figure 2]


TelomeScan (Ad5 fiber) (containing GFP)
Ad35 fiber (containing GFP)
Ad35 fiber 142-3pT (E1) (containing GFP)
Ad35 fiber 142-3pT (E3) (containing GFP)
Ad35 fiber 142-3pT (E1,E3) (containing GFP)
a
b
c
d
e
HeLa (CAR+)
f
g
h
i
j
LN319 (CAR+)
k
l
m
n
o
LNZ308 (CAR−)
p
q
r
s
t
LN444 (CAR−)
u
v
w
x
y
K562 (CAR−)
Number of cells
GFP expression level

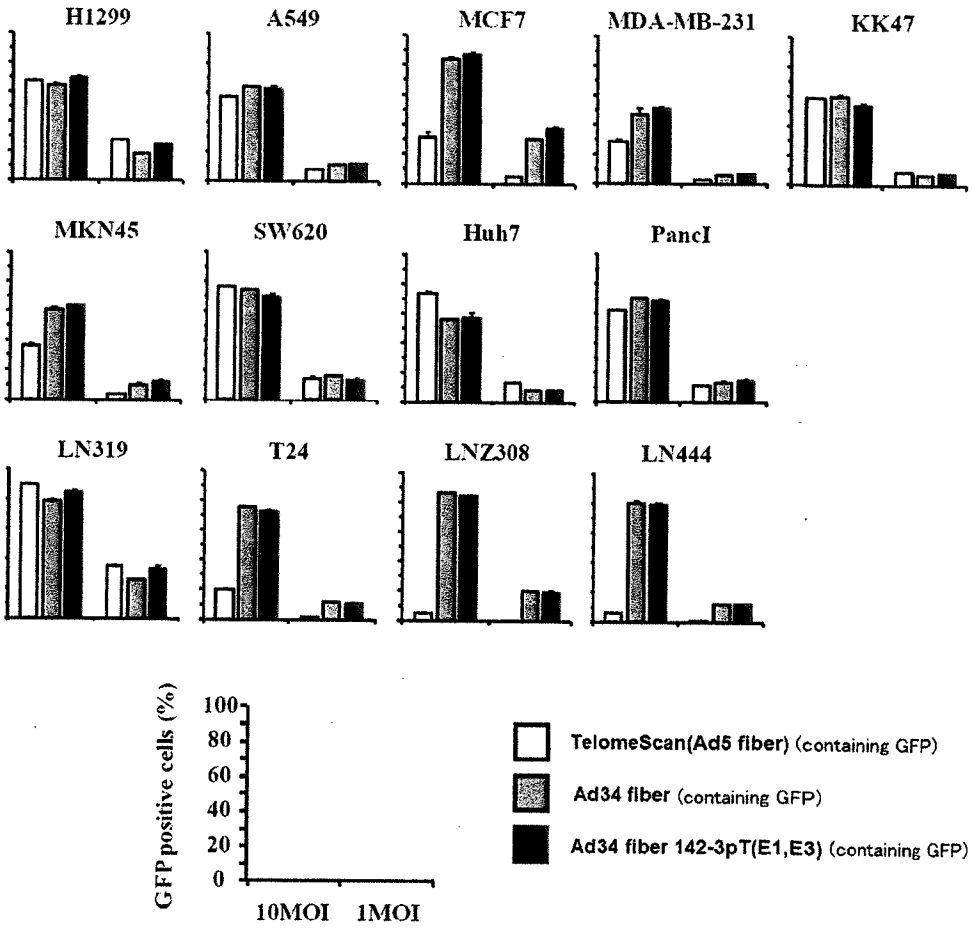
[Figure 3]



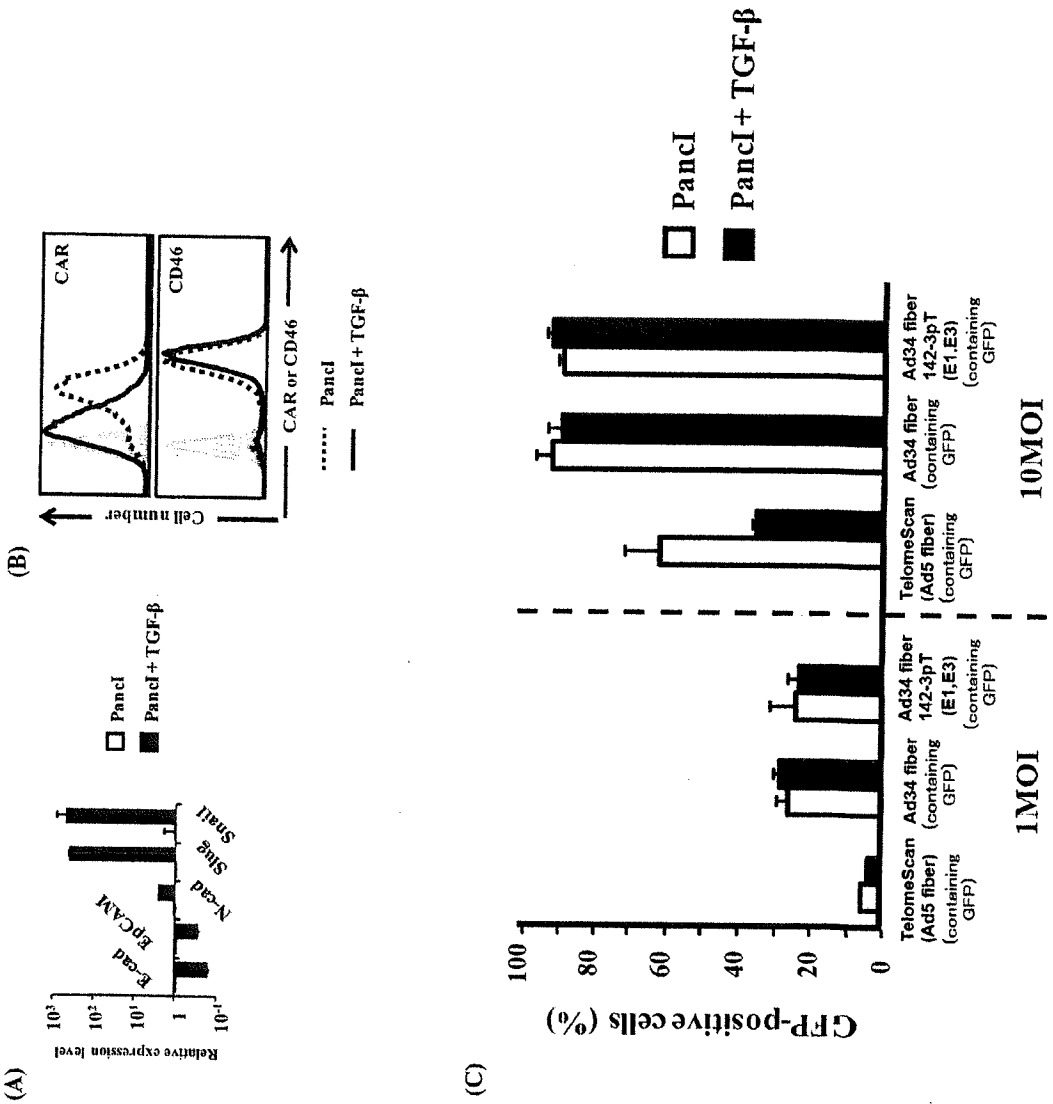
[Figure 4]



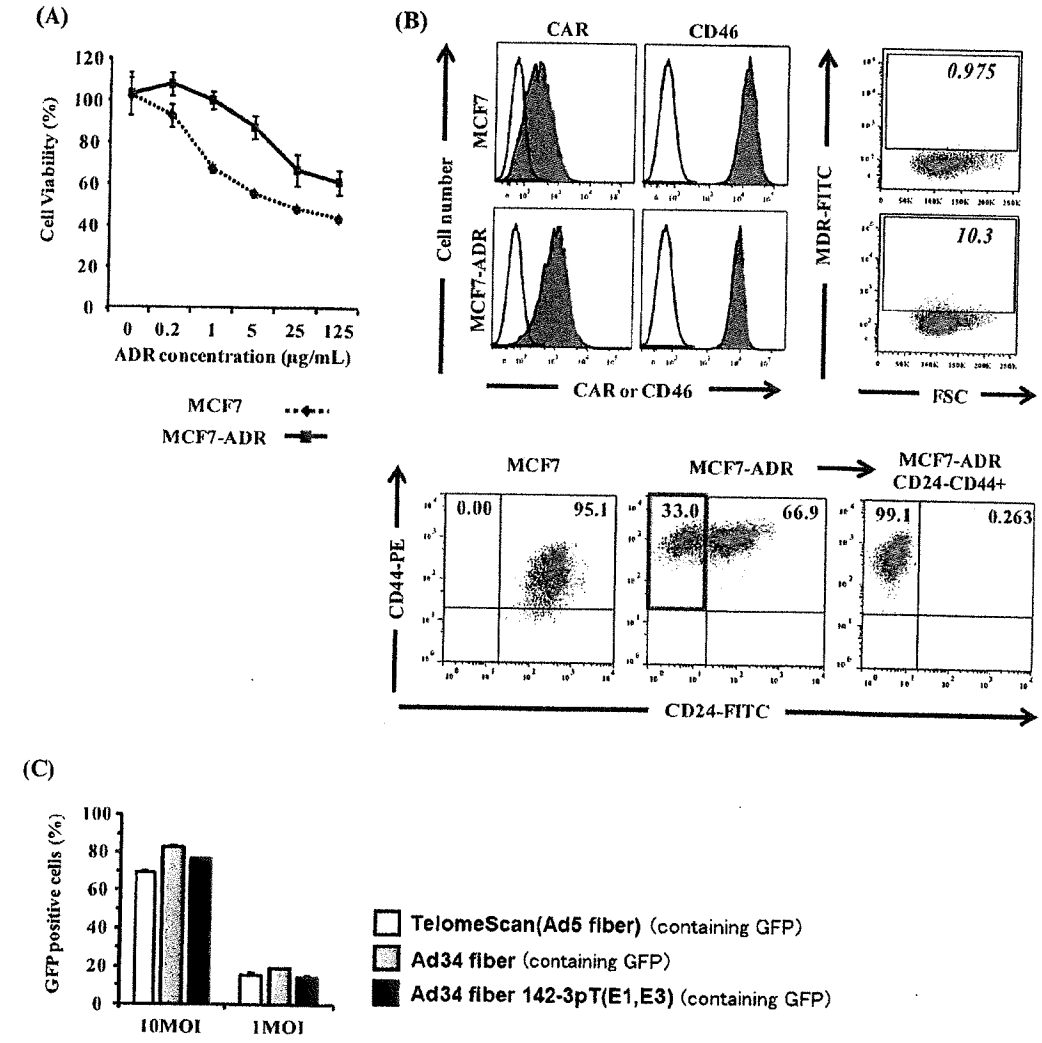
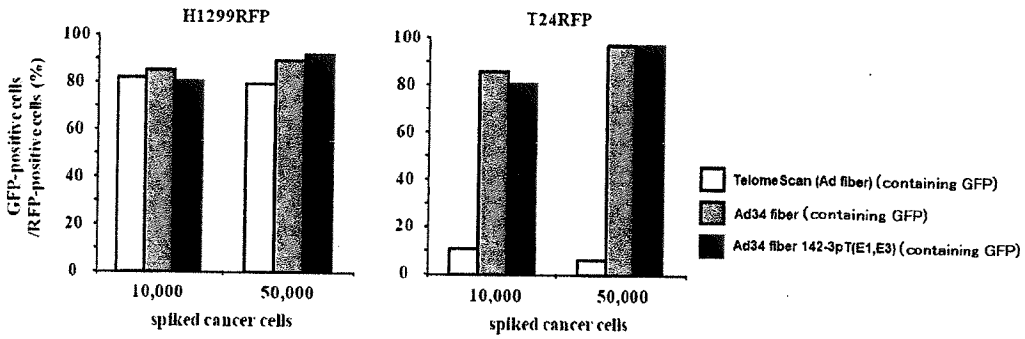
[Figure 5]


H1299
A549
MCF7
MDA-MB-231
KK47
MKN45
SW620
Huh7
PancI
LN319
T24
LNZ308
LN444
GFP positive cells (%)
100
80
60
40
20
0
10MOI
1MOI
TelomeScan(Ad5 fiber) (containing GFP)
Ad34 fiber (containing GFP)
Ad34 fiber 142-3pT(E1,E3) (containing GFP)

[Figure 6]


(A)
Relative expression level
E-cad
EpCAM
N-cad
Slug
Snail
PancI
PancI + TGF-β
(B)
CAR
CD46
Cell number
CAR or CD46
PancI
PancI + TGF-β
(C)
GFP-positive cells (%)
PancI
PancI + TGF-β
TelomeScan (Ad5 fiber) (containing GFP)
Ad34 fiber (containing GFP)
Ad34 fiber 142-3pT (E1.E3) (containing GFP)
1MOI
10MOI

[Figure 7]



[Figure 8]