
PLASMID 1
pT4 LIR
PROMOTER 1
CAR 1
T2A
DNR
P2A
mblL
pT4 RIR
PLASMID 2
pT4 LIR
PROMOTER 1
CAR 1
T2A
DNR
IRES
mblL
pT4 RIR
PLASMID 3
pT4 LIR
PROMOTER 1
CAR 1
T2A
DNR
STOP
mSCV
mblL
pT4 RIR

FIG. 1

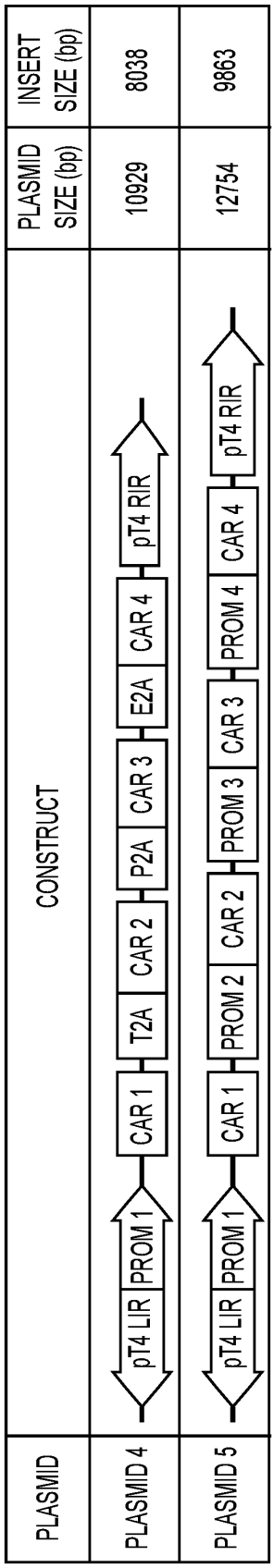
PLASMID
CONSTRUCT
PLASMID SIZE (bp)
INSERT SIZE (bp)
PLASMID 4
pT4 LIR
PROM 1
CAR 1
T2A
CAR 2
P2A
CAR 3
E2A
CAR 4
pT4 RIR
10929
8038
PLASMID 5
pT4 LIR
PROM 1
CAR 1
PROM 2
CAR 2
PROM 3
CAR 3
PROM 4
CAR 4
pT4 RIR
12754
9863

FIG. 2

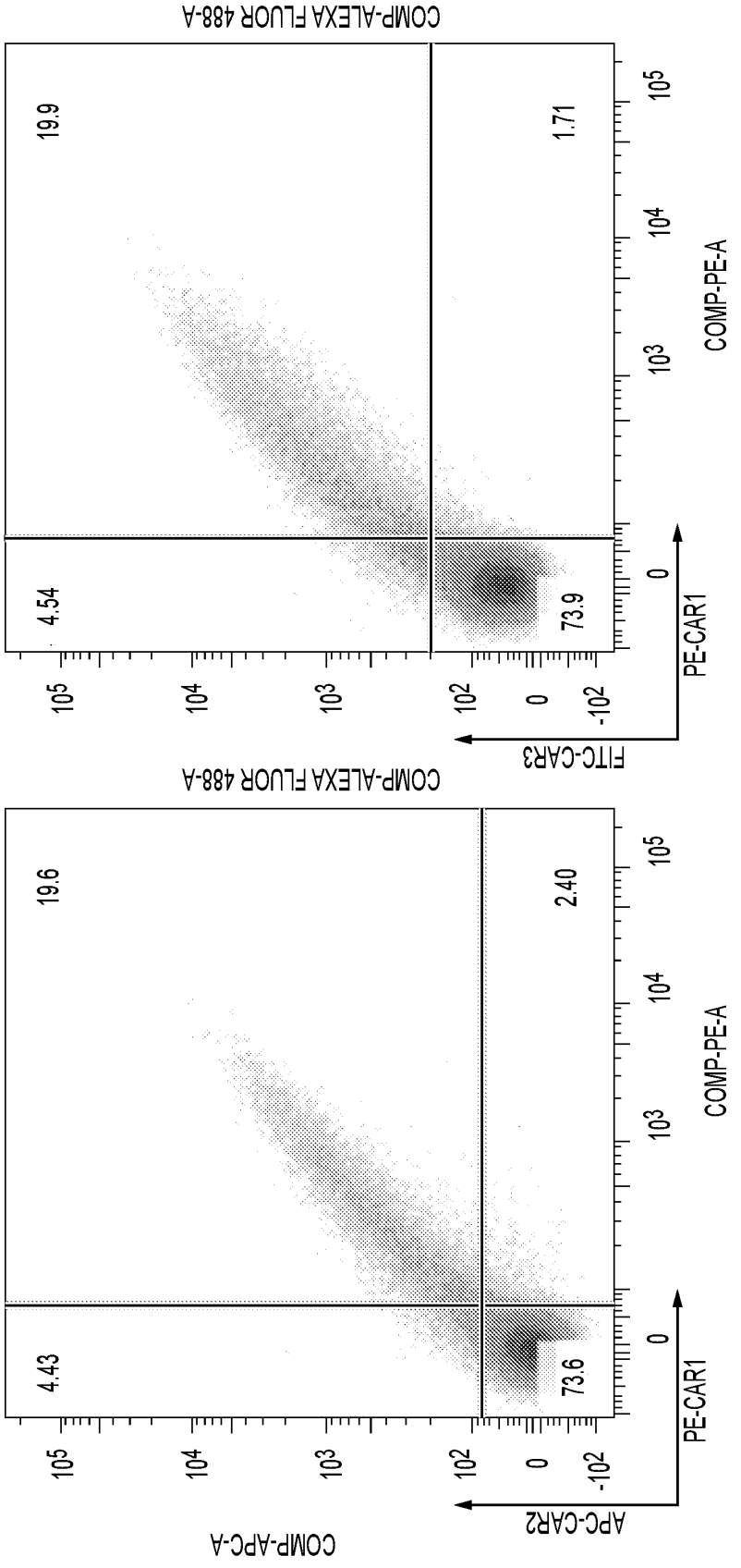
COMP-ALEXA FLUOR 488-A
19.9
1.71
4.54
73.9
FITC-CAR3
PE-CAR1
COMP-PE-A
COMP-ALEXA FLUOR 488-A
19.6
2.40
4.43
73.6
APC-CAR2
PE-CAR1
COMP-PE-A
COMP-APC-A

FIG. 3A

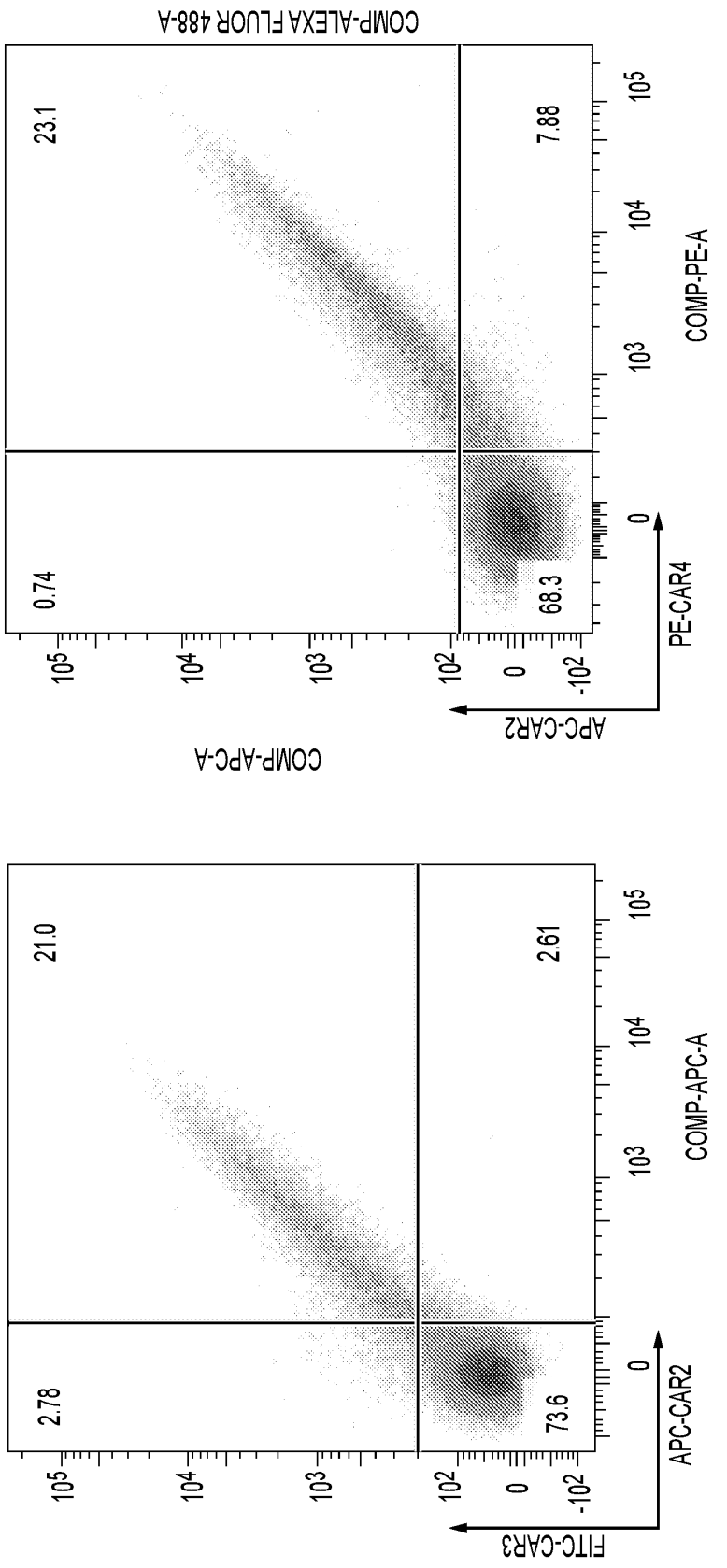
COMP-ALEXA FLUOR 488-A
23.1
7.88
0.74
68.3
APC-CAR2
PE-CAR4
COMP-APC-A
COMP-PE-A
21.0
2.61
2.78
73.6
FITC-CAR3
APC-CAR2
COMP-APC-A

FIG. 3B

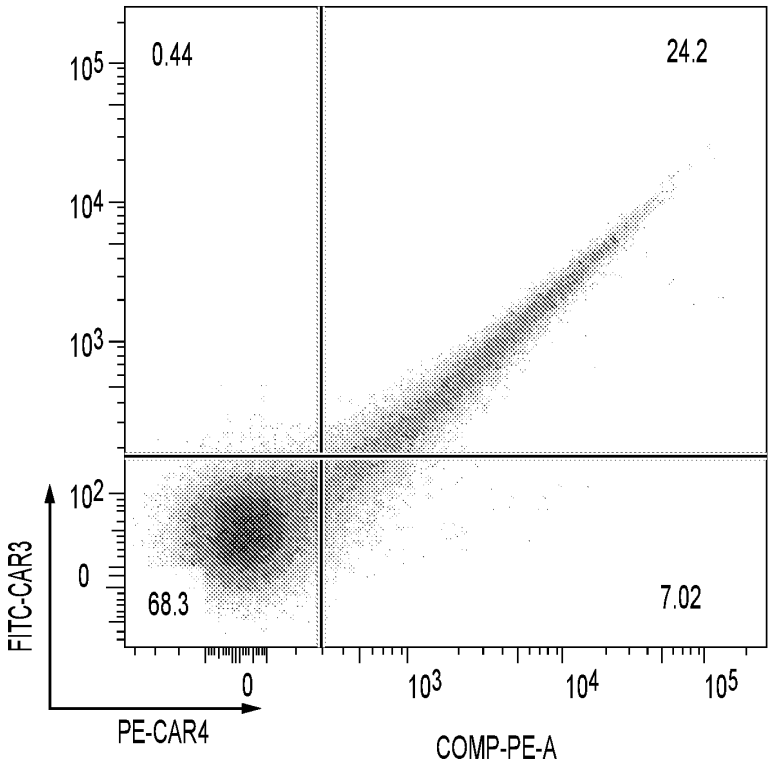
0.44
24.2
68.3
7.02
10^5
10^4
10^3
10^2
0
FITC-CAR3
PE-CAR4
0
10^3
10^4
10^5
COMP-PE-A

FIG. 3C

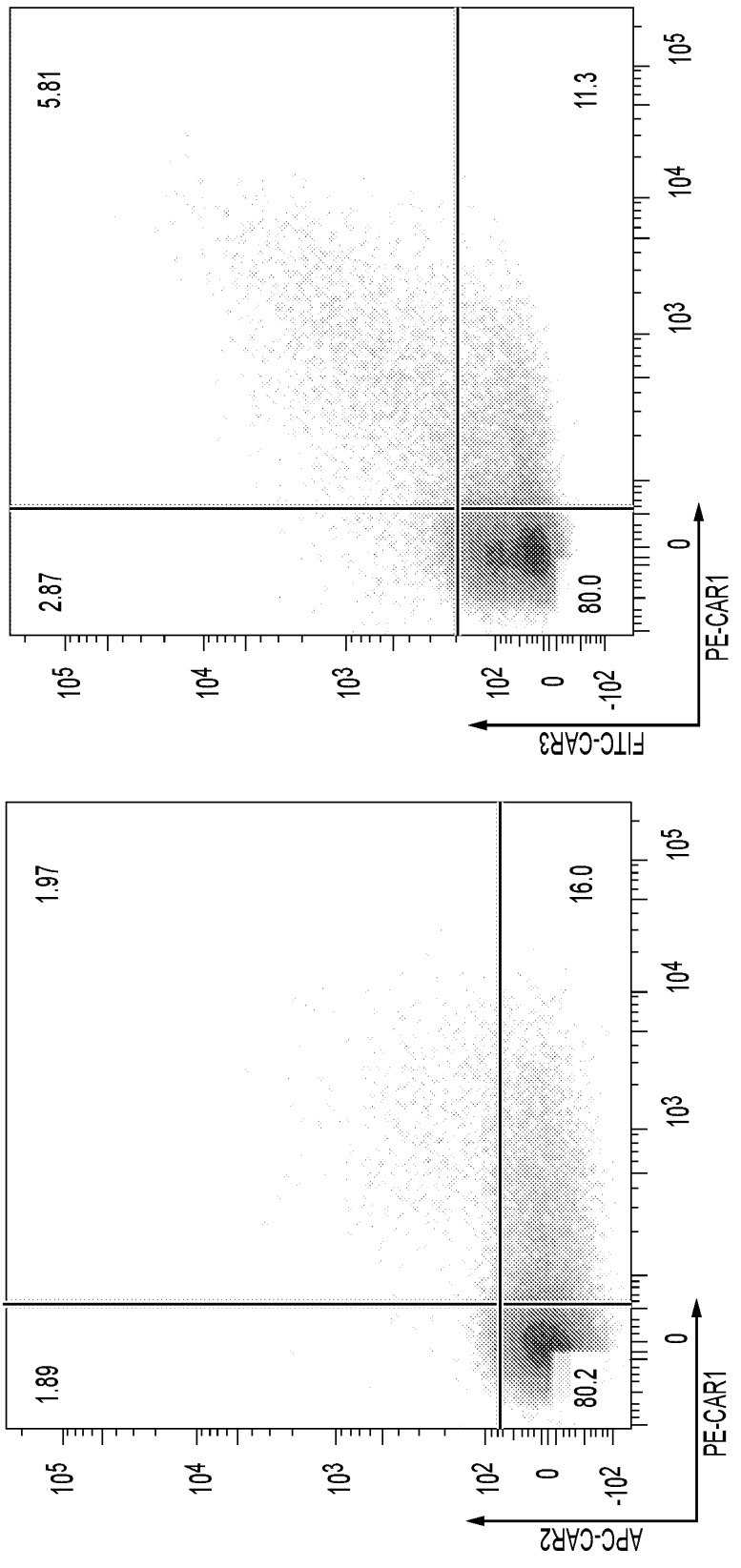
5.81
11.3
2.87
80.0
1.97
16.0
1.89
80.2
10^5
10^4
10^3
10^2
0
-10^2
FITC-CAR3
APC-CAR2
PE-CAR1

FIG. 4A

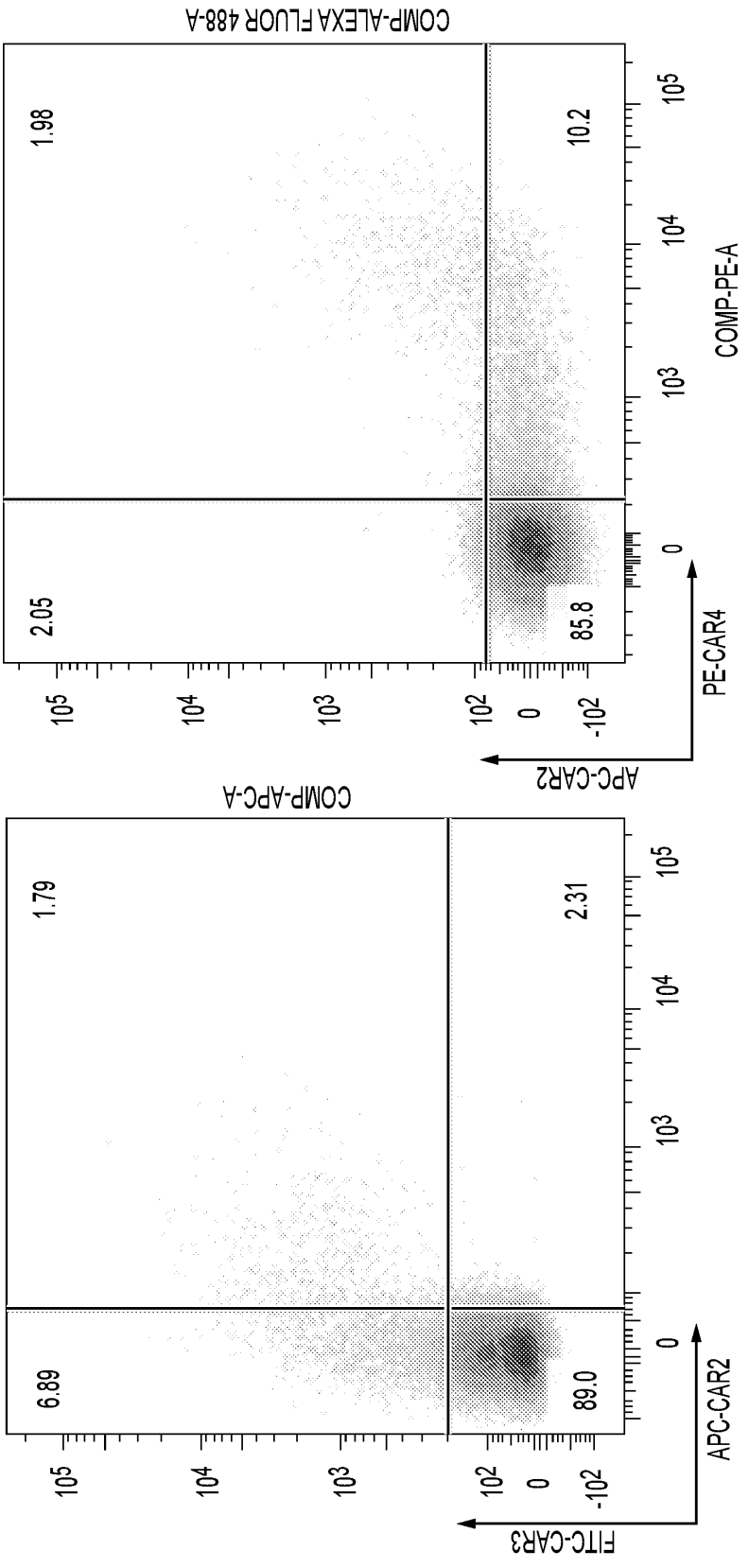
COMP-ALEXA FLUOR 488-A
1.98
10.2
2.05
85.8
APC-CAR2
PE-CAR4
COMP-PE-A
COMP-APC-A
1.79
2.31
6.89
89.0
FITC-CAR3
APC-CAR2

FIG. 4B

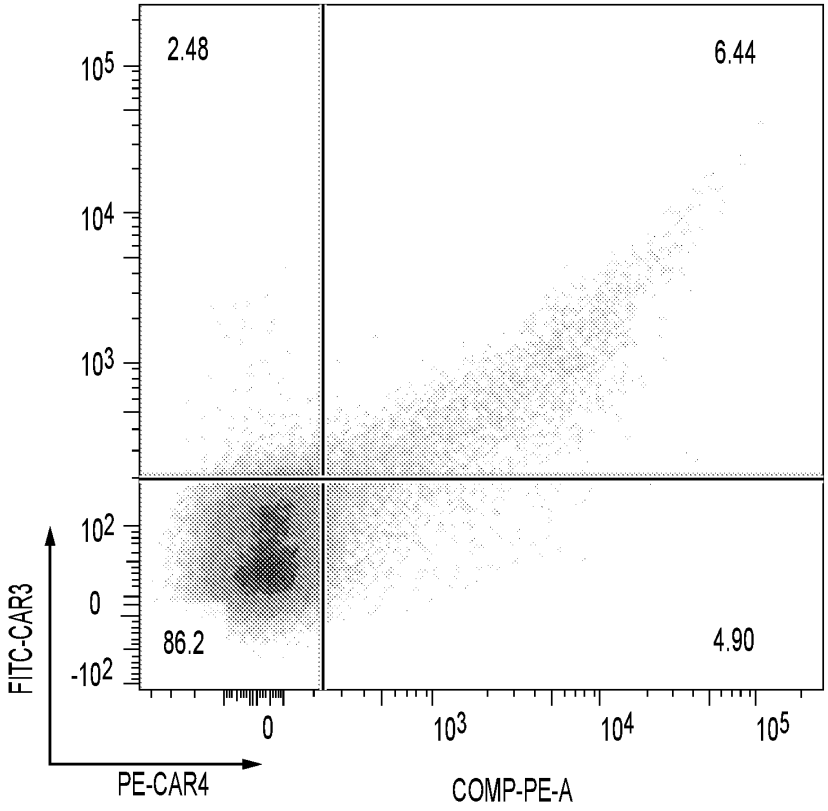
2.48
6.44
86.2
4.90
10^5
10^4
10^3
10^2
0
-10^2
FITC-CAR3
PE-CAR4
0
10^3
10^4
10^5
COMP-PE-A

FIG. 4C