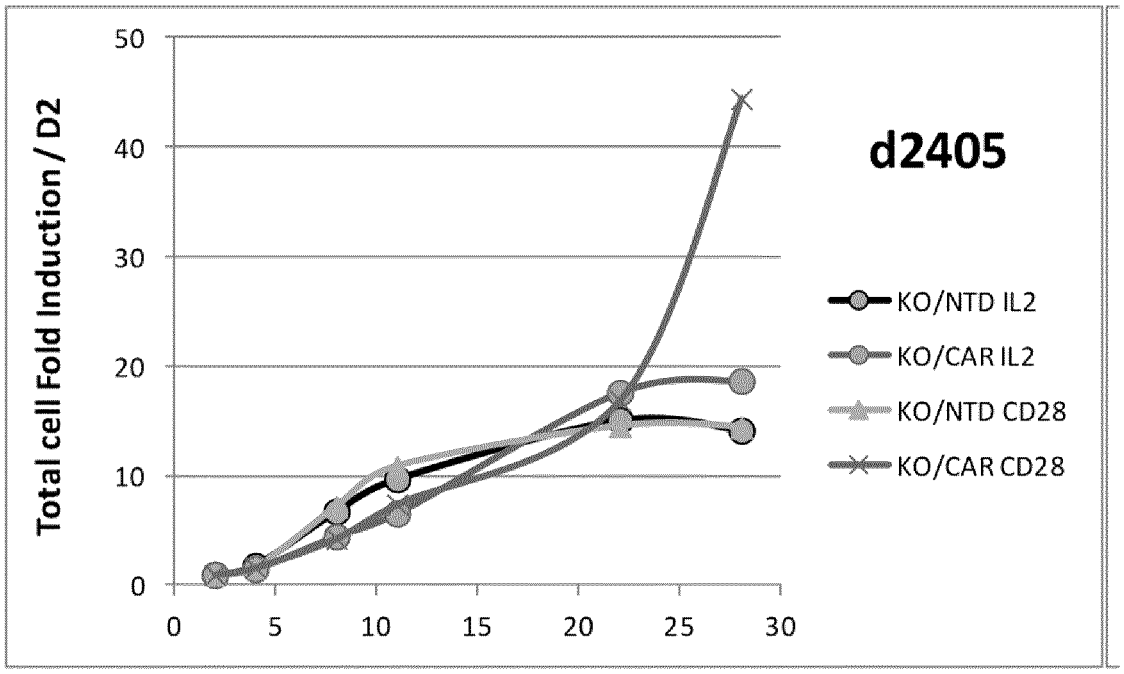

Total cell Fold Induction / D2
50
40
30
20
10
0
0
5
10
15
20
25
30
d2405
KO/NTD IL2
KO/CAR IL2
KO/NTD CD28
KO/CAR CD28

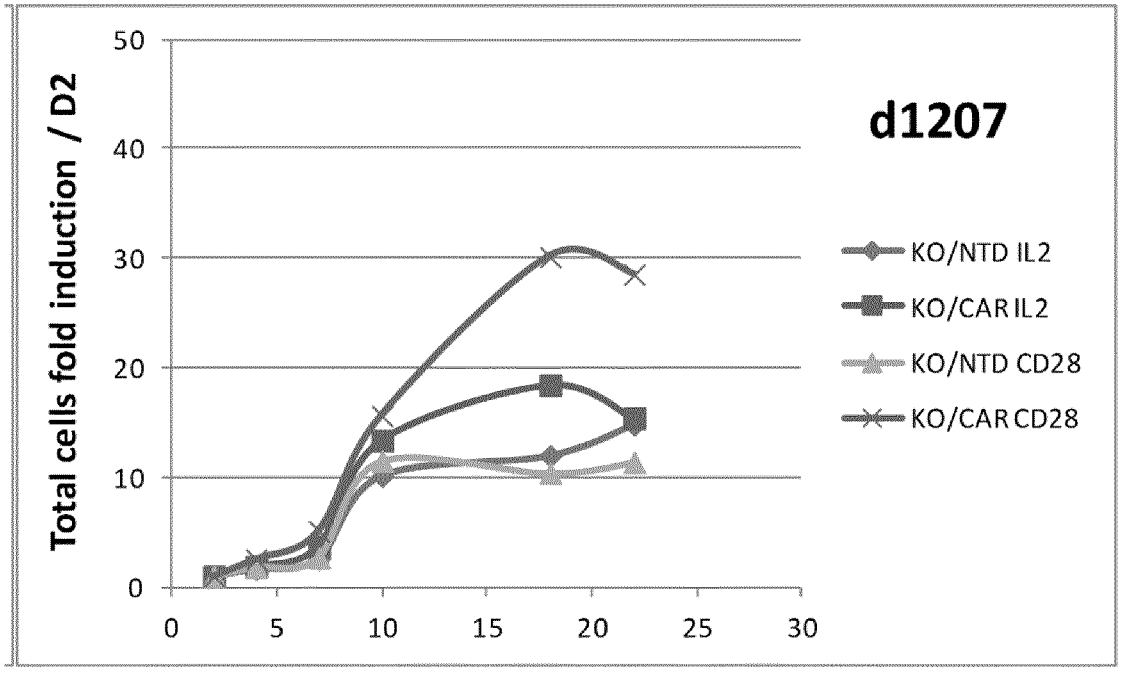

Total cells fold induction / D2
50
40
30
20
10
0
0
5
10
15
20
25
30
d1207
KO/NTD IL2
KO/CAR IL2
KO/NTD CD28
KO/CAR CD28

Figure 1

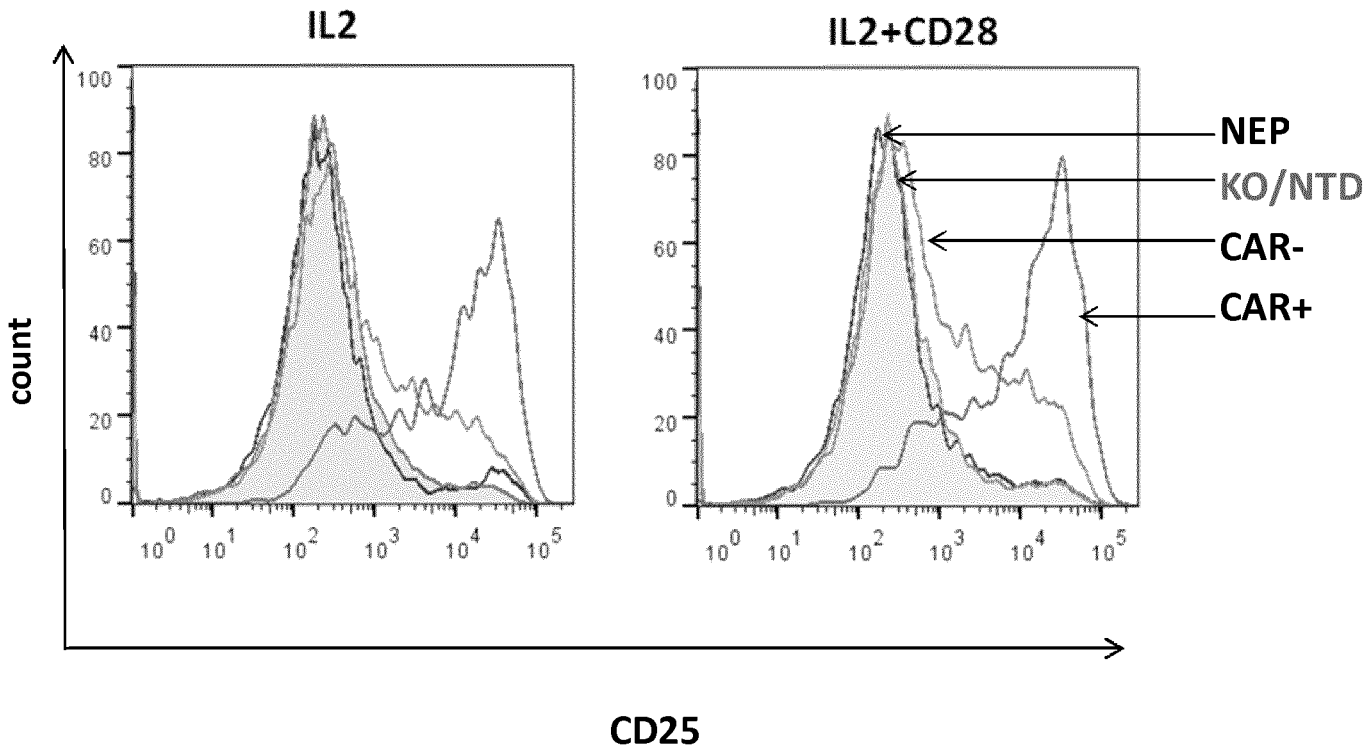


Figure 2

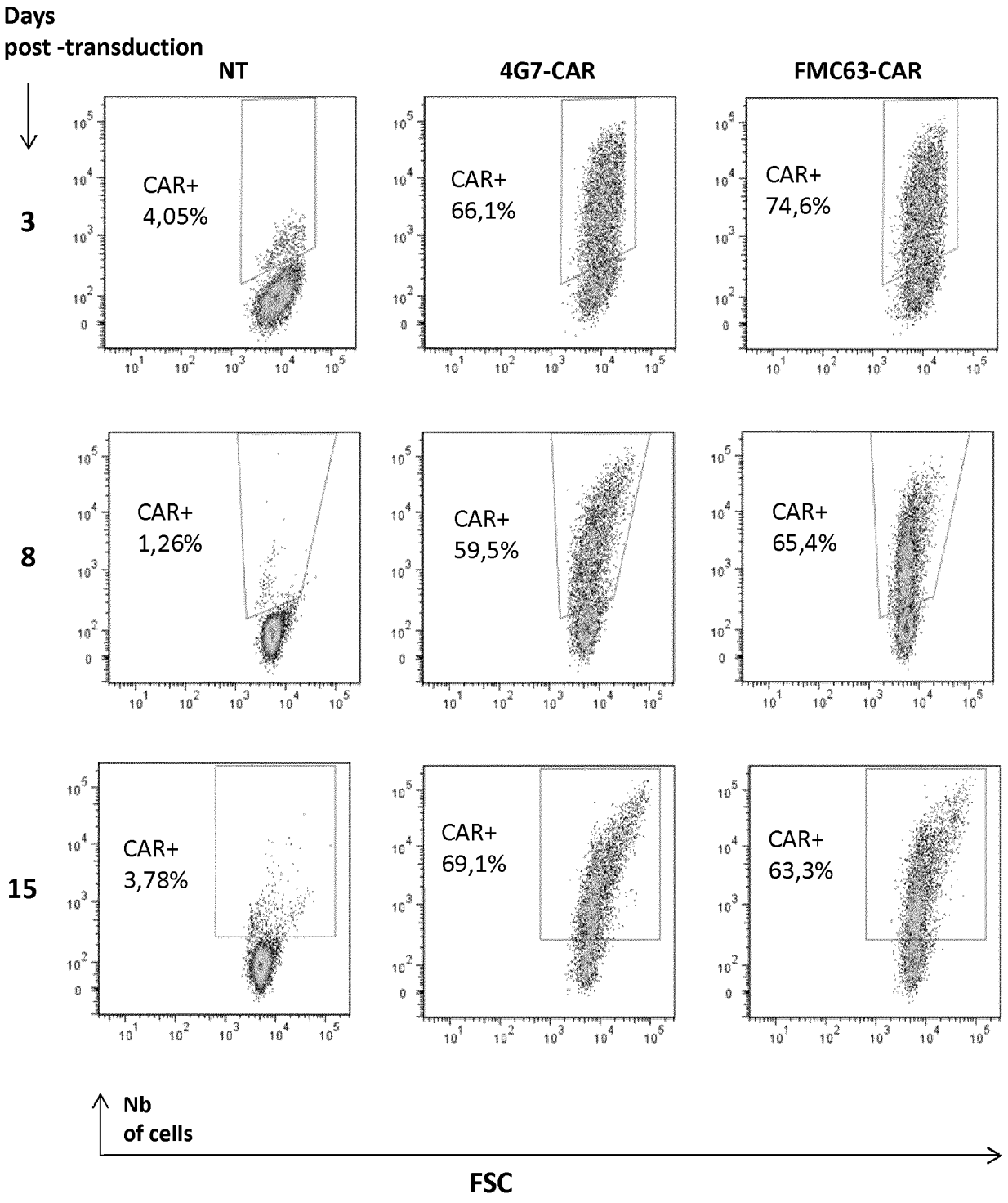

Days
post -transduction
NT
4G7-CAR
FMC63-CAR
3
8
15
CAR+
4,05%
CAR+
66,1%
CAR+
74,6%
CAR+
1,26%
CAR+
59,5%
CAR+
65,4%
CAR+
3,78%
CAR+
69,1%
CAR+
63,3%
Nb
of cells
FSC

Figure 3

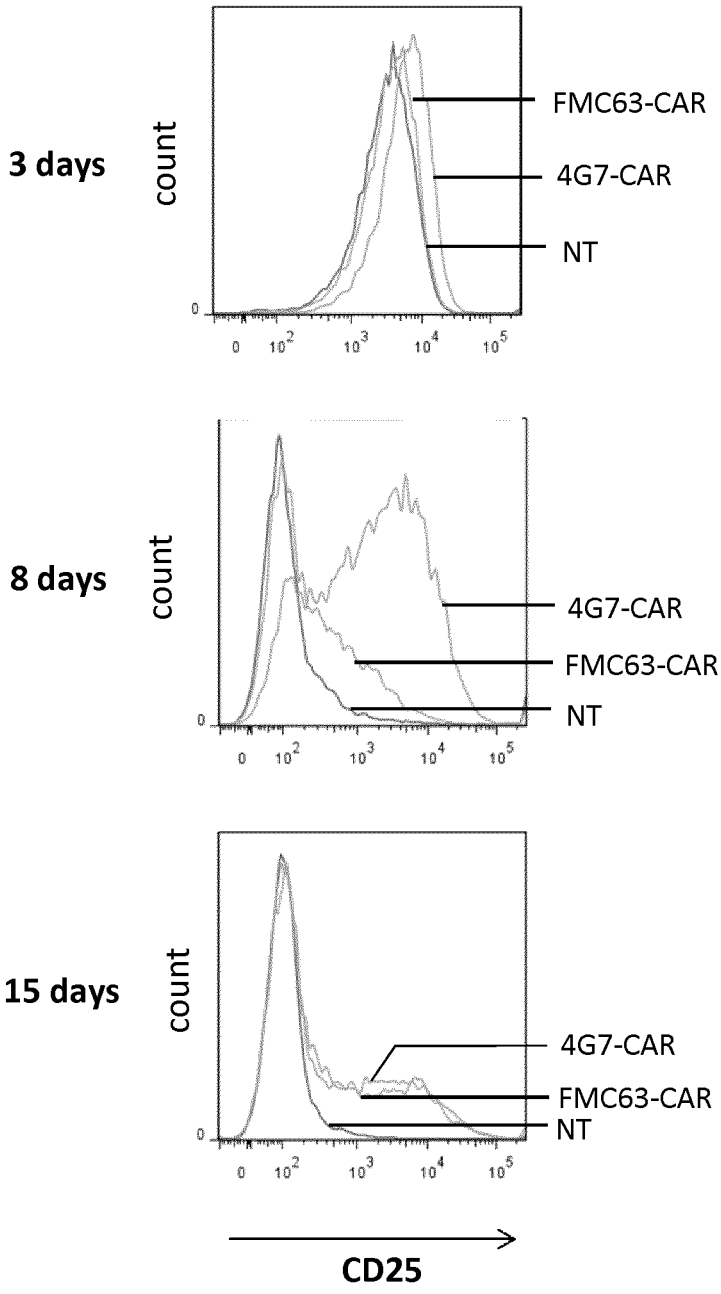

3 days
count
FMC63-CAR
4G7-CAR
NT
0
10^2
10^3
10^4
10^5
8 days
count
4G7-CAR
FMC63-CAR
NT
15 days
count
4G7-CAR
FMC63-CAR
NT
CD25

Figure 4

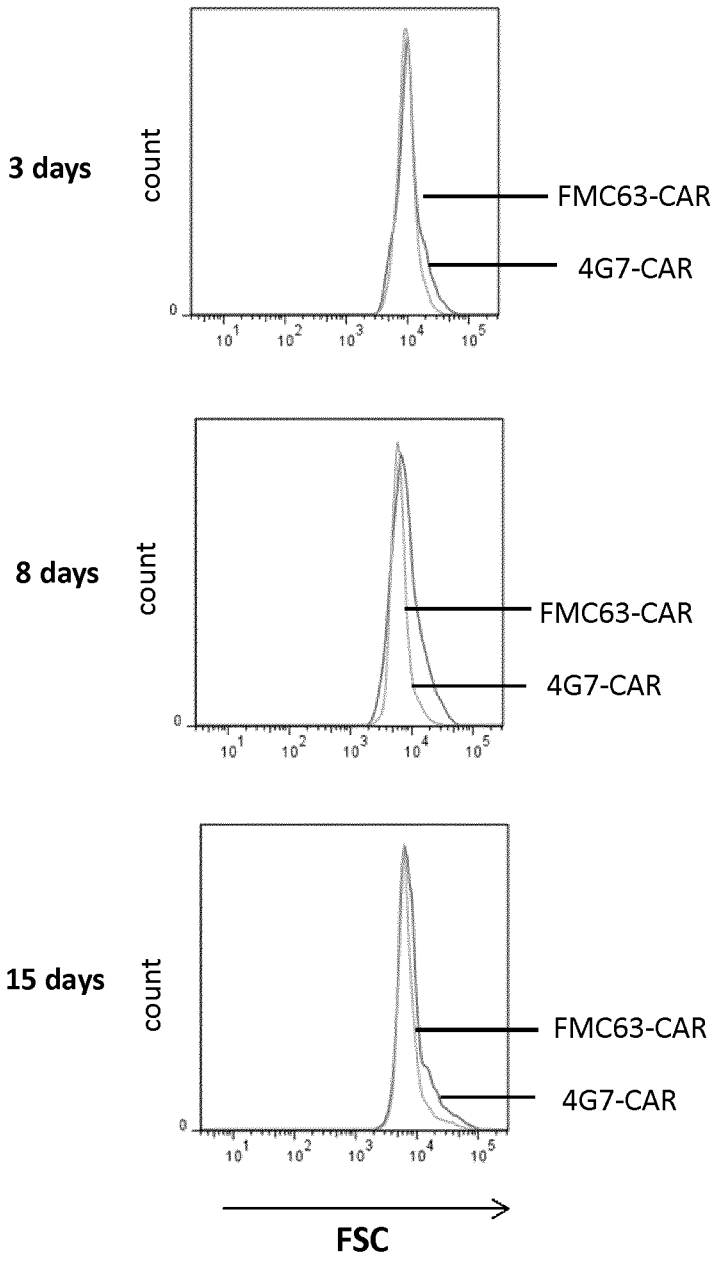

3 days
count
FMC63-CAR
4G7-CAR
0
10^1 10^2 10^3 10^4 10^5
8 days
count
FMC63-CAR
4G7-CAR
0
10^1 10^2 10^3 10^4 10^5
15 days
count
FMC63-CAR
4G7-CAR
0
10^1 10^2 10^3 10^4 10^5
FSC

Figure 5

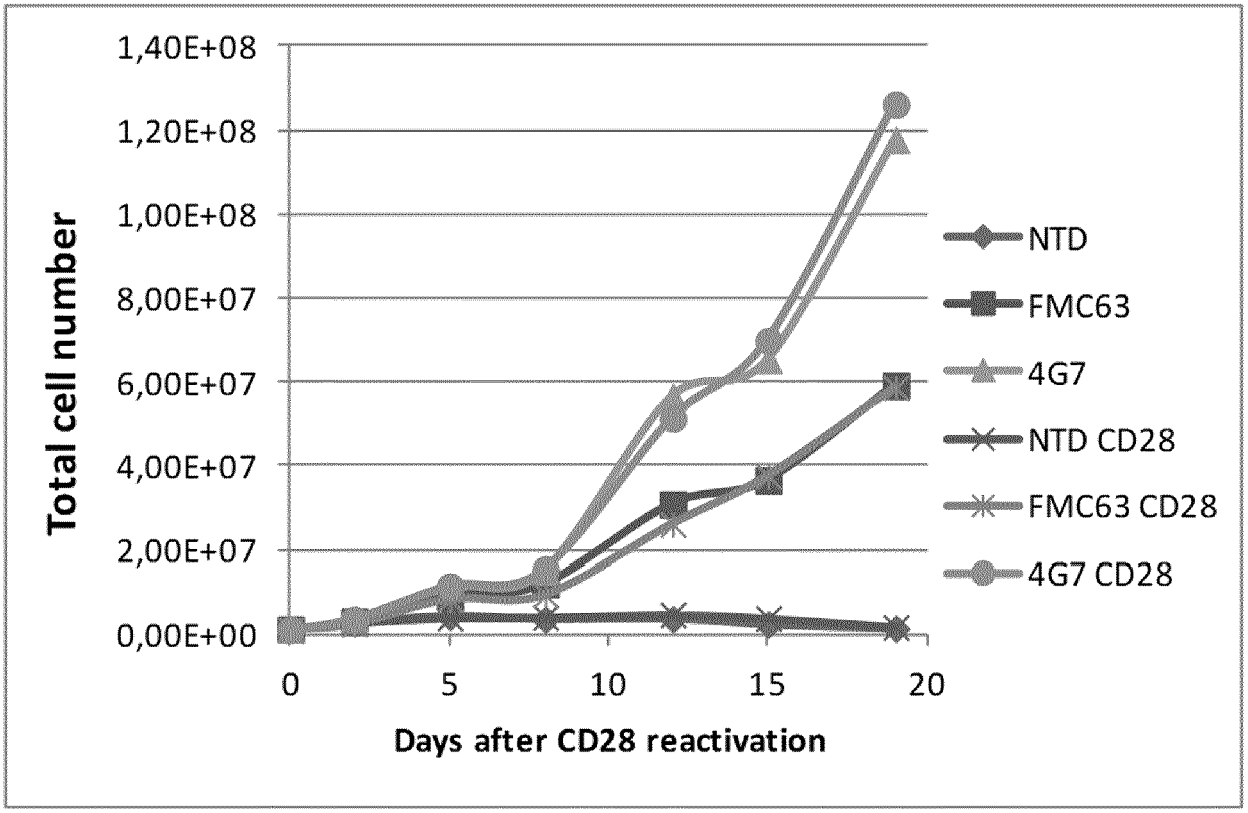

1,40E+08
1,20E+08
1,00E+08
8,00E+07
6,00E+07
4,00E+07
2,00E+07
0,00E+00
Total cell number
0
5
10
15
20
Days after CD28 reactivation
NTD
FMC63
4G7
NTD CD28
FMC63 CD28
4G7 CD28

Figure 6