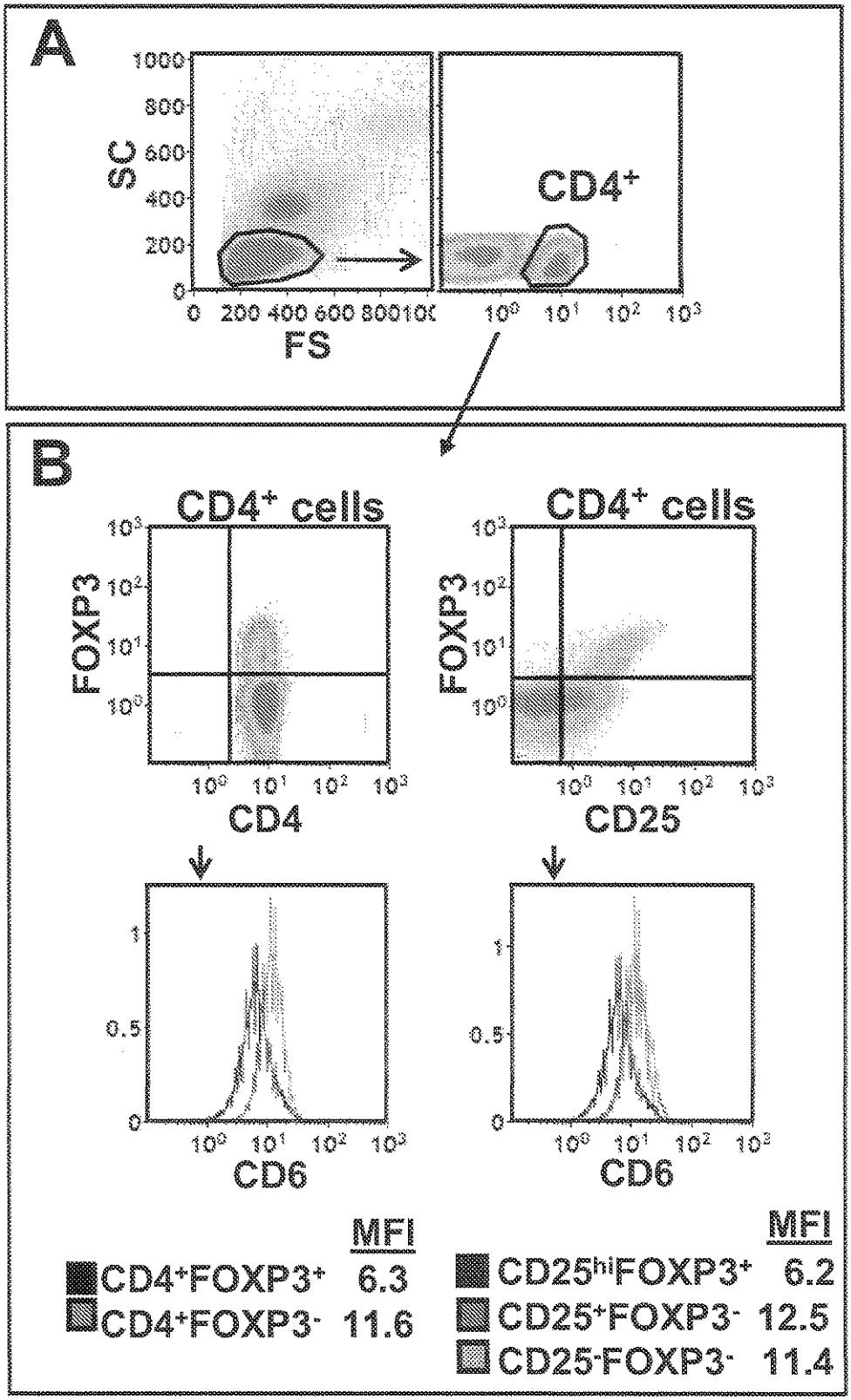
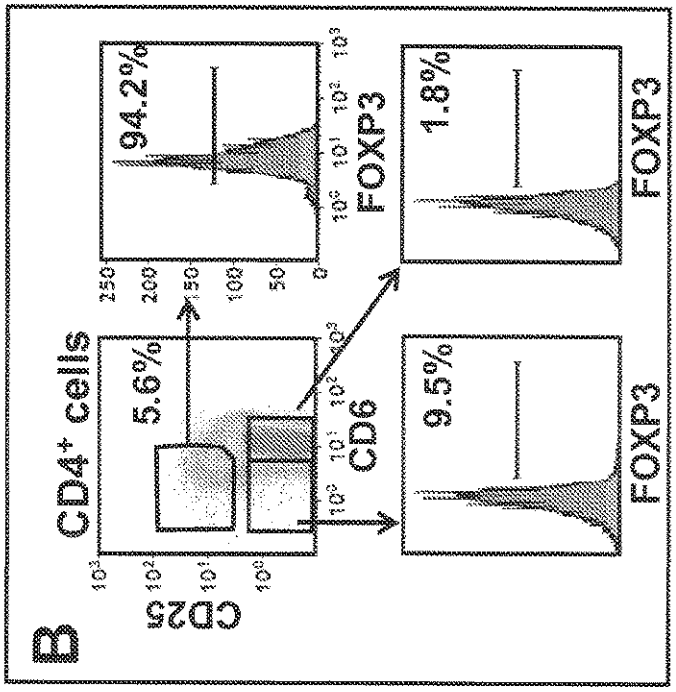
FIG. 1


A
SC
FS
CD4+
B
CD4+ cells
FOXP3
CD4
CD25
CD6
MFI
CD4+FOXP3+ 6.3
CD4+FOXP3- 11.6
CD25hiFOXP3+ 6.2
CD25+FOXP3- 12.5
CD25-FOXP3- 11.4



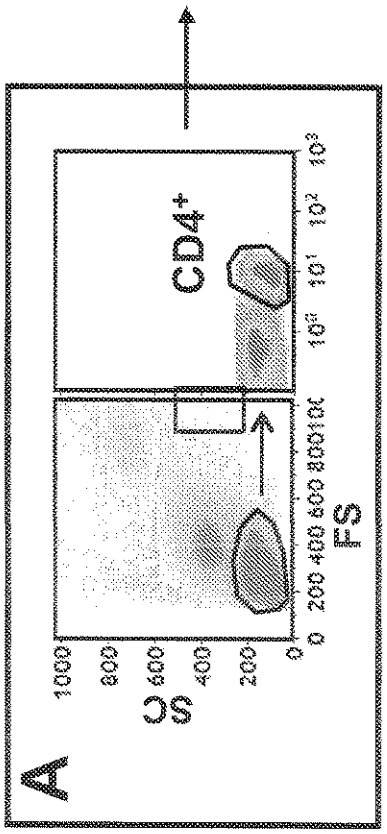
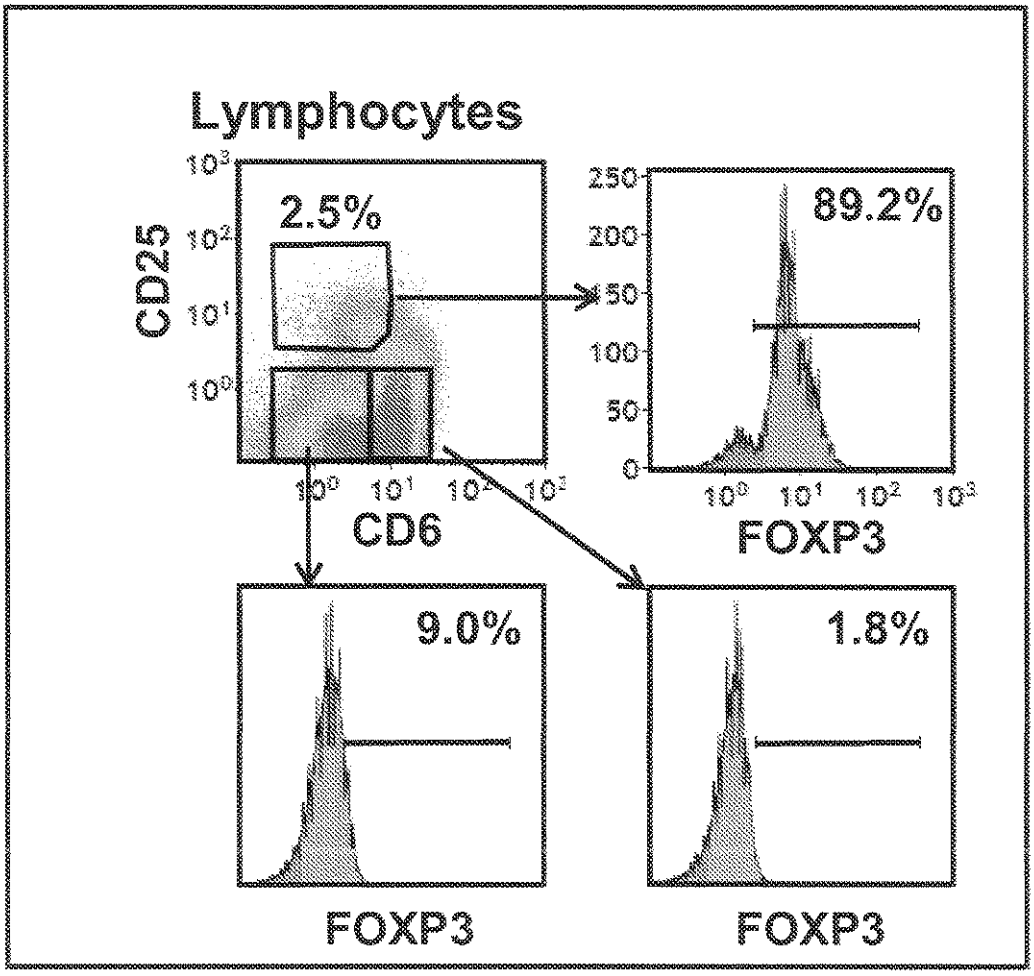


FIG. 2

FIG. 3



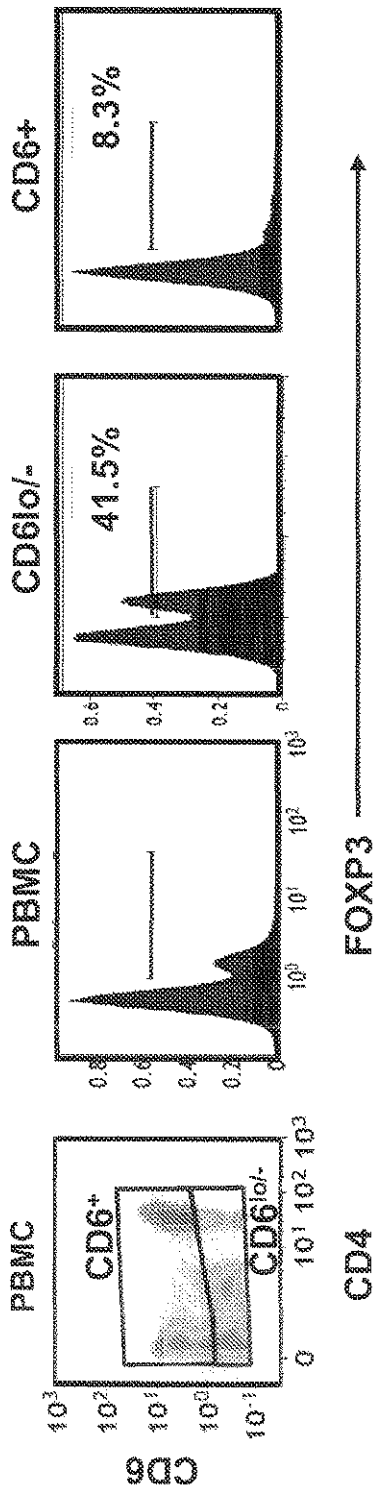

A
PBMC
CD6+
CD6lo/-
CD6
CD4
PBMC
FOXP3
8.3%
41.5%
CD6+
B
% FOXP3+ cells
50
40
30
20
10
0
PBMC
CD6lo/-
CD6+

FIG. 4

FIG. 5

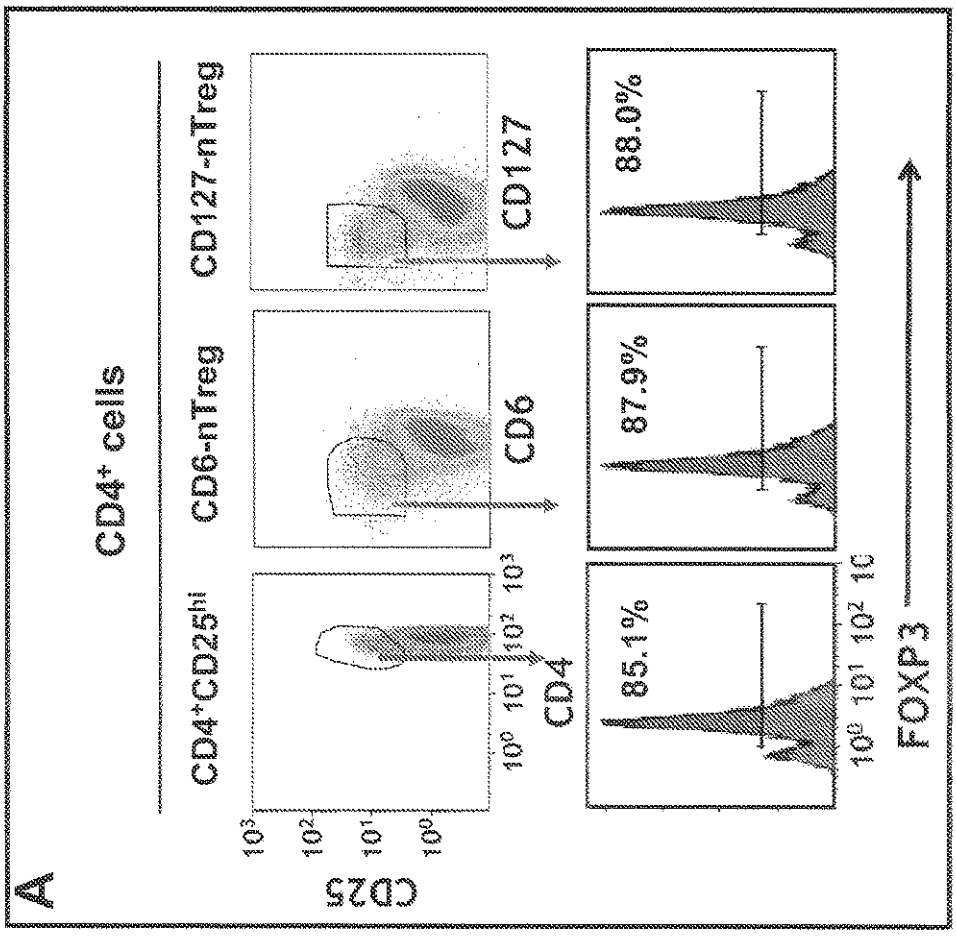

A
CD4+ cells
CD4+CD25hi
CD6-nTreg
CD127-nTreg
CD25
CD4
CD6
CD127
85.1%
87.9%
88.0%
FOXP3
B
CD4+CD25hi cells
CD6
CD127
CD6lo/-CD127lo/-
CD6+CD127+
94.9%
22.6%
FOXP3

FIG. 5

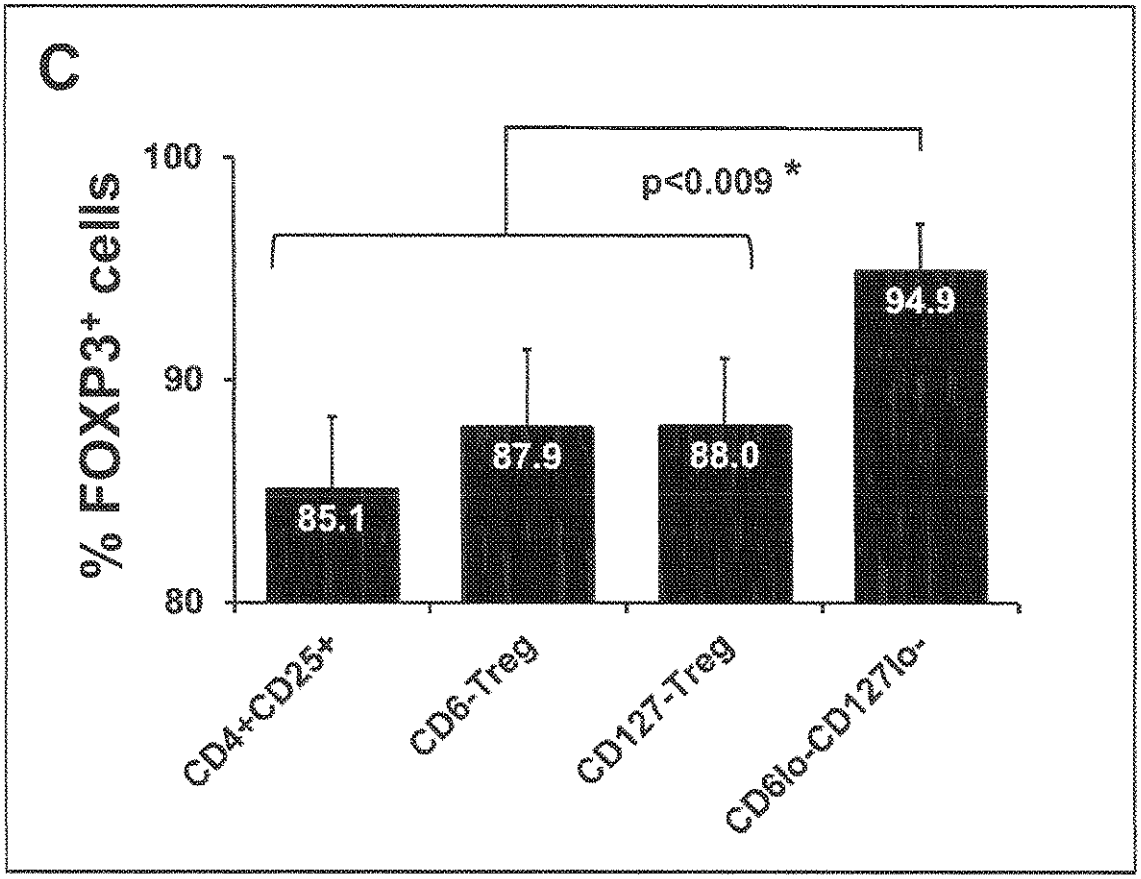
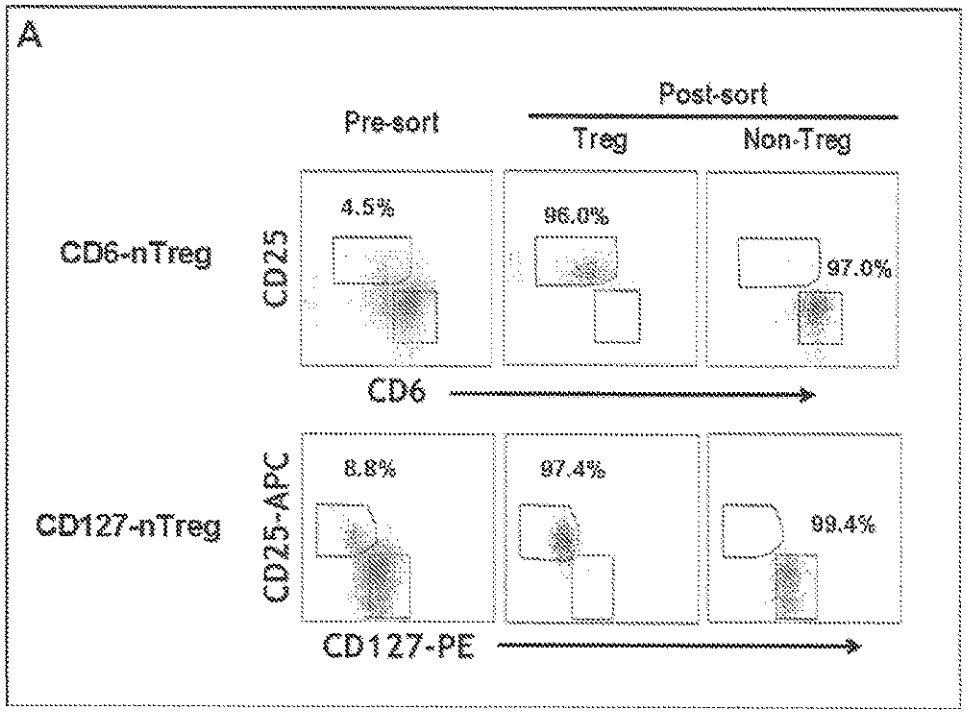

C
% FOXP3+ cells
100
90
80
p<0.009 *
85.1
87.9
88.0
94.9
CD4+CD25+
CD6-Treg
CD127-Treg
CD6lo-CD127lo-

FIG. 6


A
Pre-sort
Post-sort
Treg
Non-Treg
CD6-nTreg
CD25
4.5%
96.0%
97.0%
CD6
CD127-nTreg
CD25-APC
8.8%
97.4%
99.4%
CD127-PE

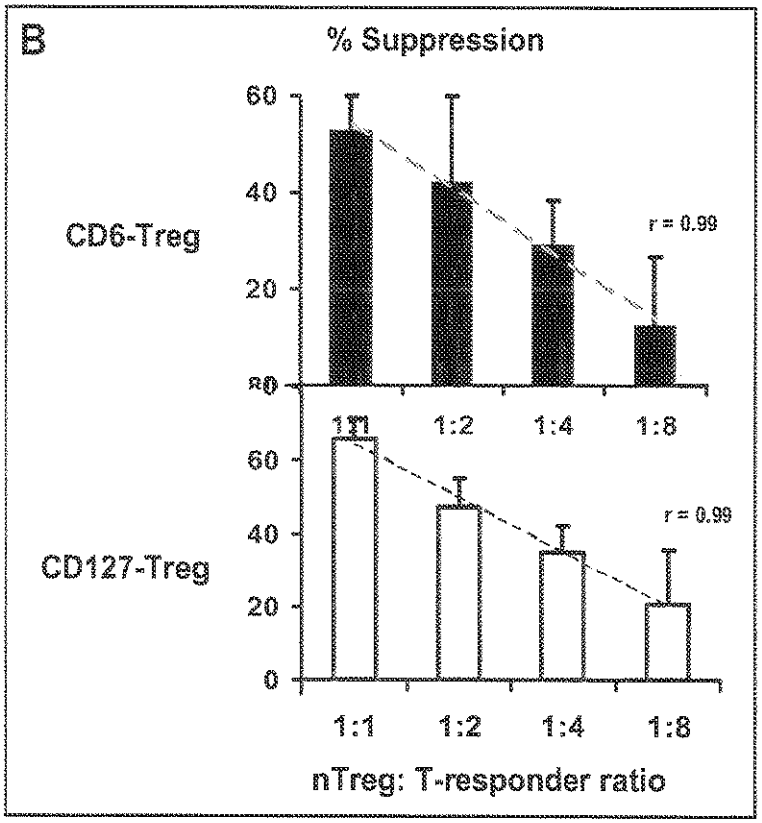
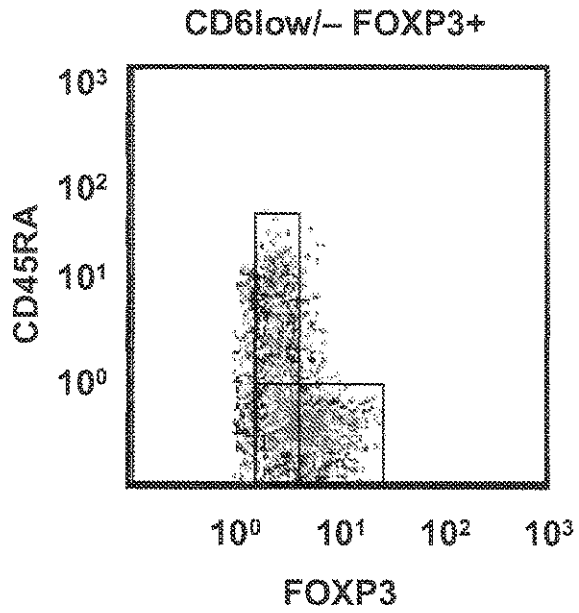

B
% Suppression
CD6-Treg
60
40
20
r = 0.99
1:1
1:2
1:4
1:8
CD127-Treg
60
40
20
0
r = 0.99
1:1
1:2
1:4
1:8
nTreg: T-responder ratio

FIG. 7



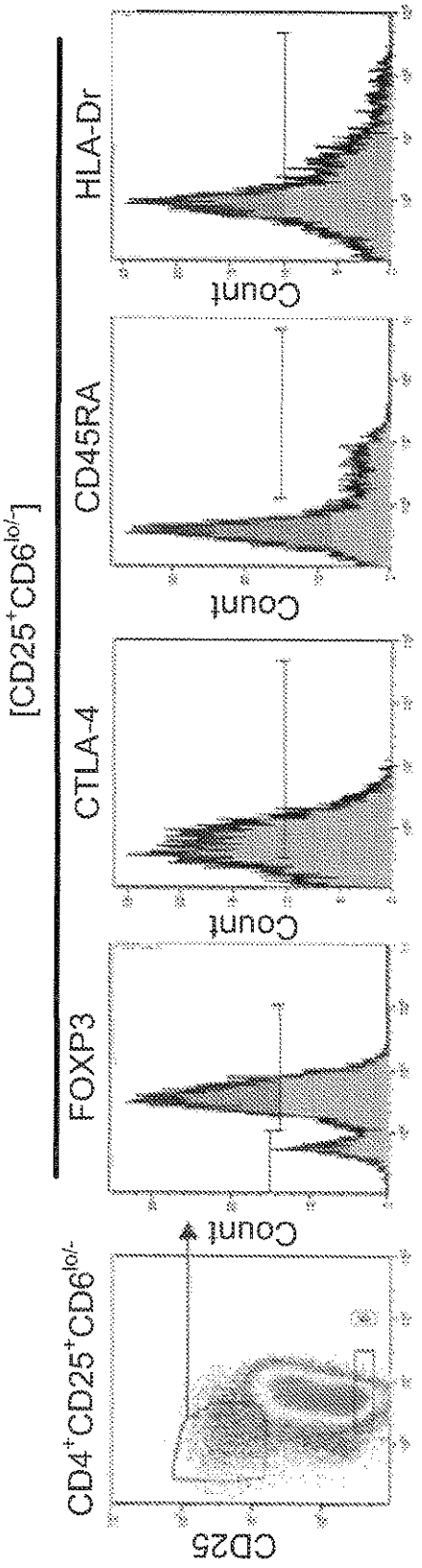

[CD25+CD6lo/-]
FOXP3
CTLA-4
CD45RA
HLA-Dr
Count
CD4+CD25+CD6lo/-
CD25

FIG. 8

FIG. 9

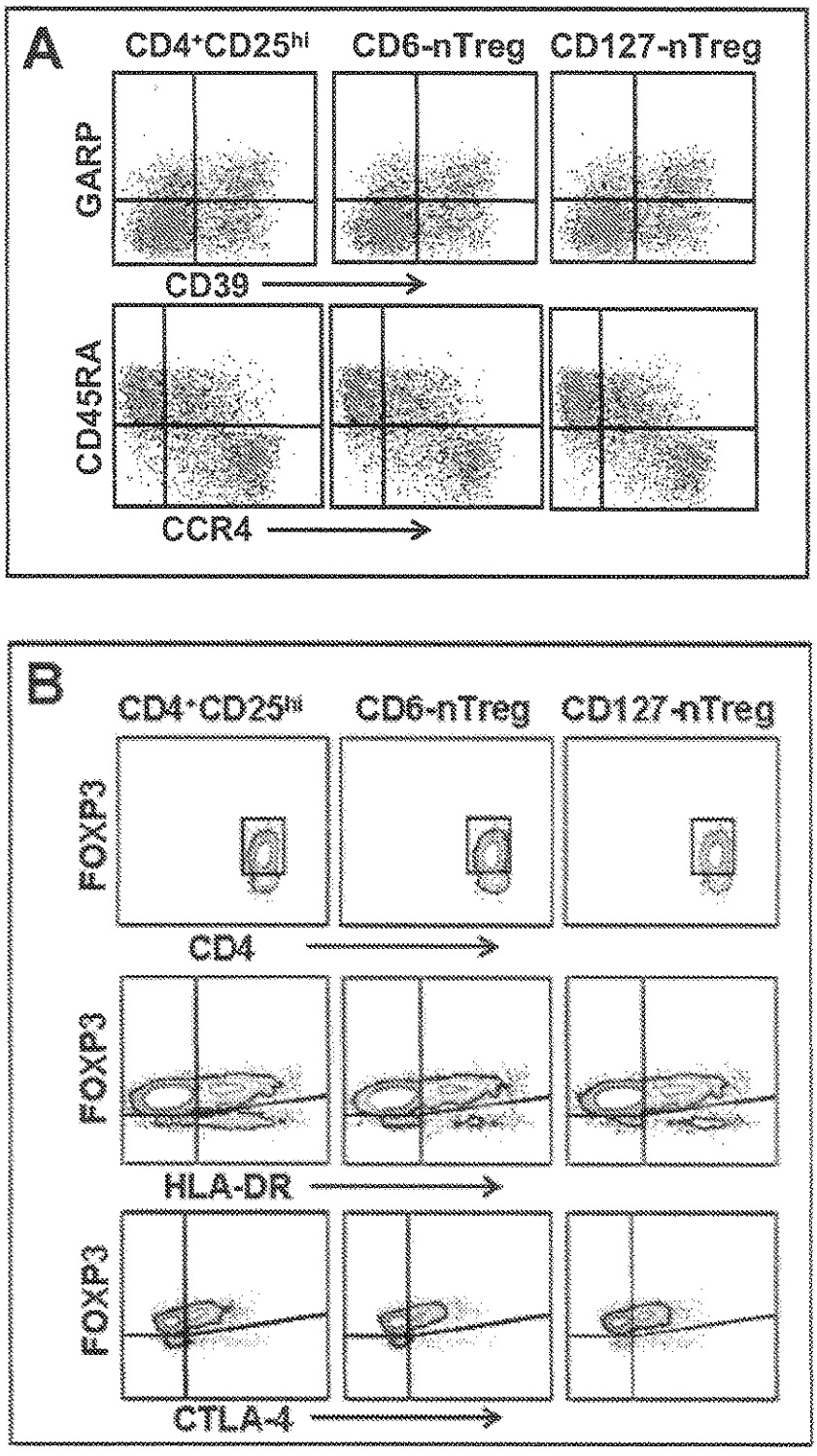

A
CD4+CD25hi
CD6-nTreg
CD127-nTreg
GARP
CD39
CD45RA
CCR4
B
CD4+CD25hi
CD6-nTreg
CD127-nTreg
FOXP3
CD4
FOXP3
HLA-DR
FOXP3
CTLA-4

FIG. 9

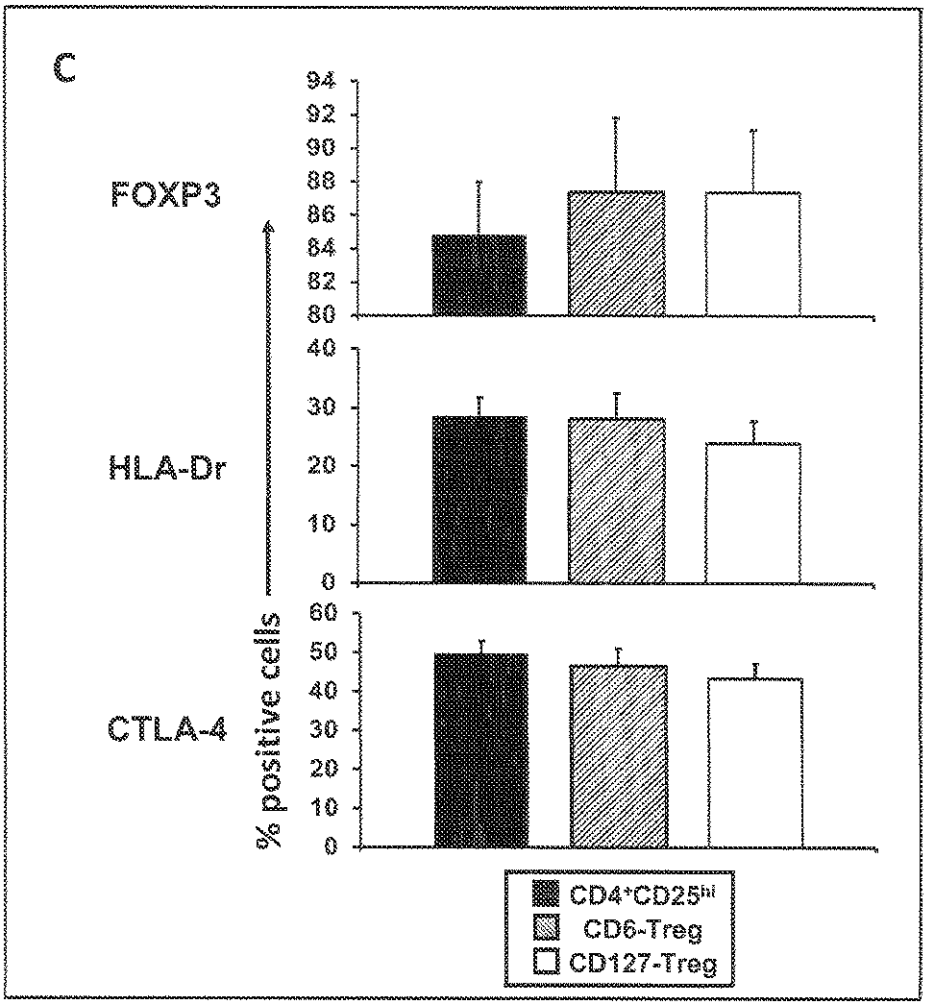

C
FOXP3
HLA-Dr
CTLA-4
% positive cells
94
92
90
88
86
84
82
80
40
30
20
10
0
60
50
40
30
20
10
0
CD4+CD25hi
CD6-Treg
CD127-Treg

FIG. 10

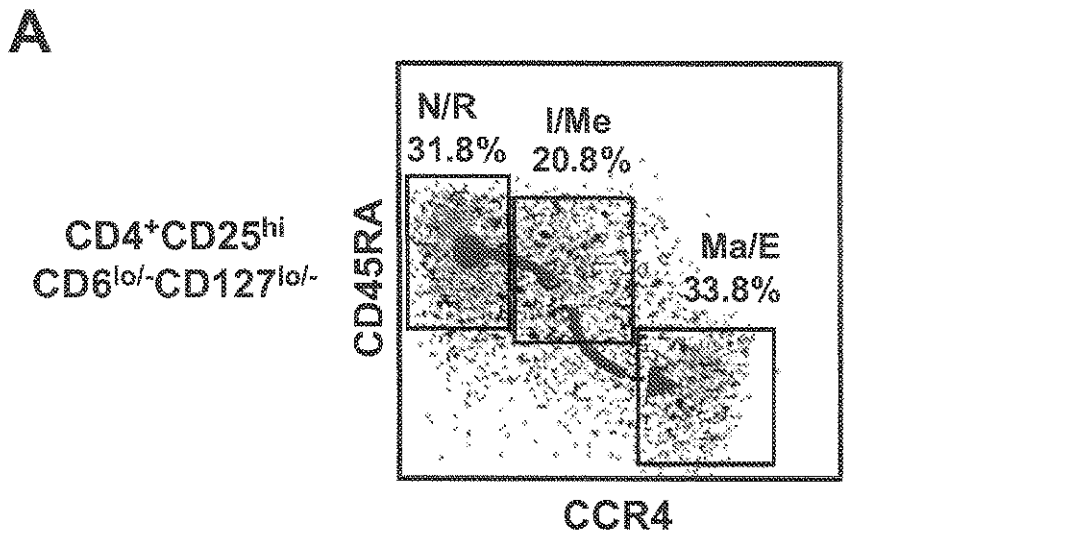
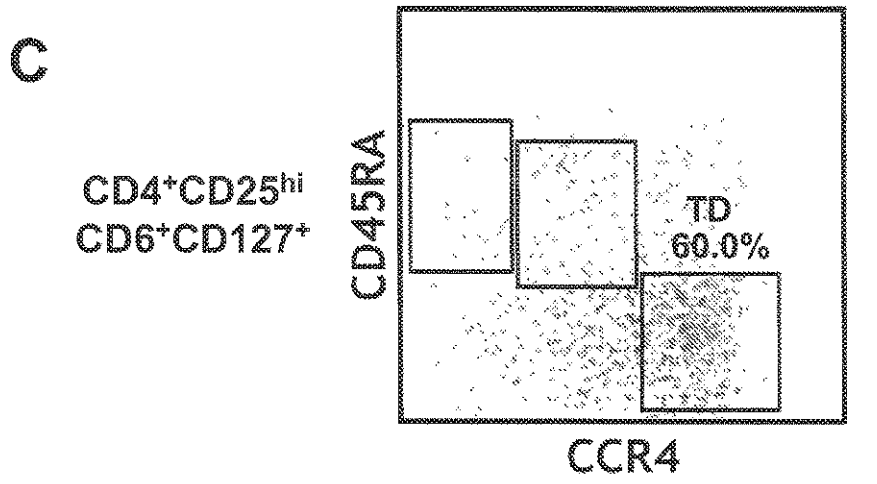

A
CD4+CD25hi
CD6lo/-CD127lo/-
N/R
31.8%
I/Me
20.8%
Ma/E
33.8%
CD45RA
CCR4
B
N/R
I/Me
Ma/E
1.1
0.4
90.5
7.9
0.5
1.4
66.8
31.3
1.1
35.8
14.0
47.1
HLA-DR
CD39

FIG. 10


C
CD4+CD25hi
CD6+CD127+
CD45RA
TD
60.0%
CCR4

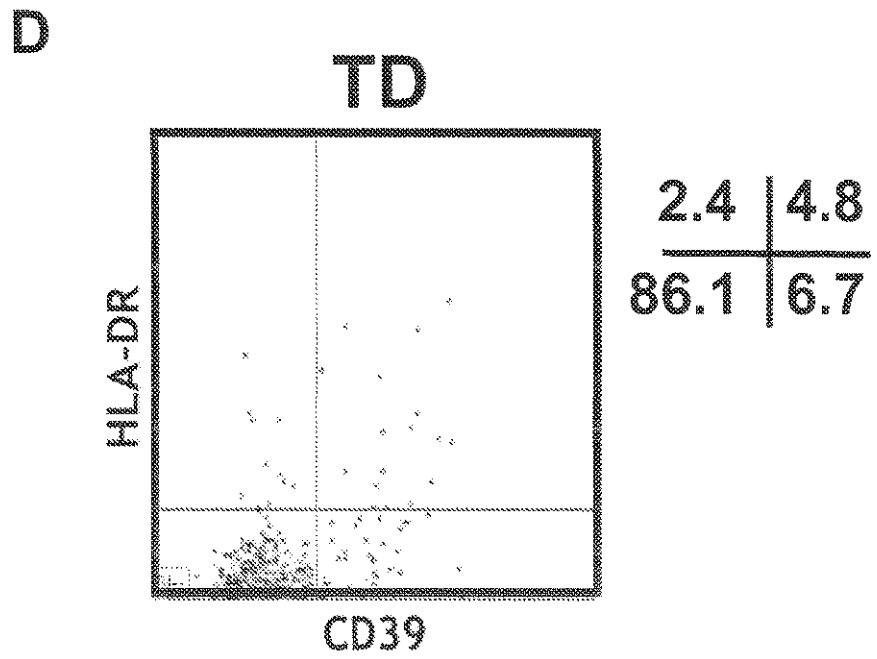
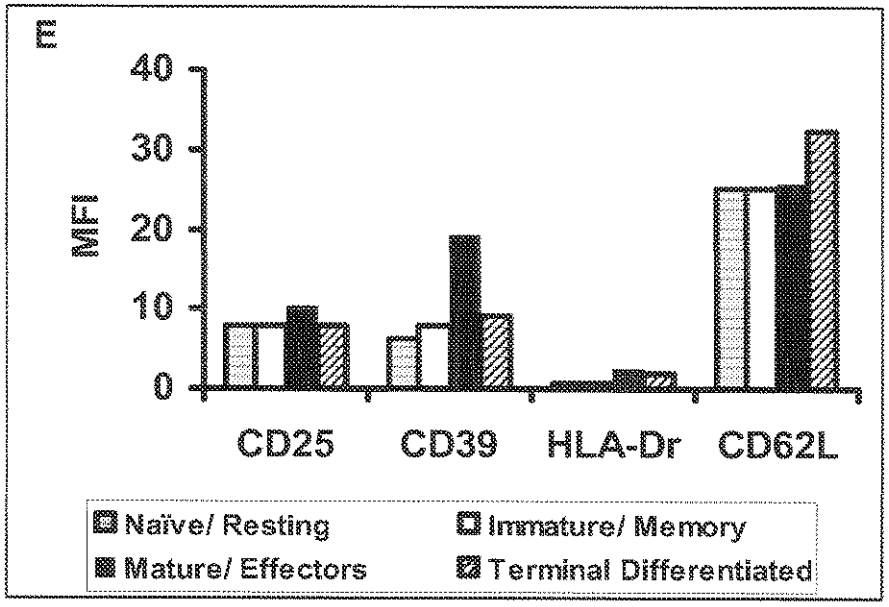

D
TD
HLA-DR
CD39
2.4
4.8
86.1
6.7

FIG. 10


E
MFI
40
30
20
10
0
CD25
CD39
HLA-Dr
CD62L
Naïve/ Resting
Immature/ Memory
Mature/ Effectors
Terminal Differentiated

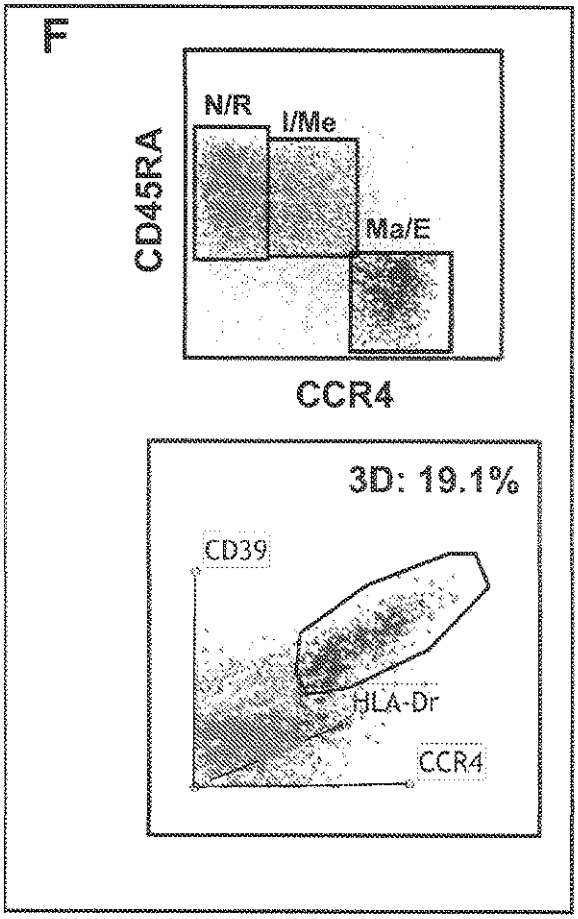
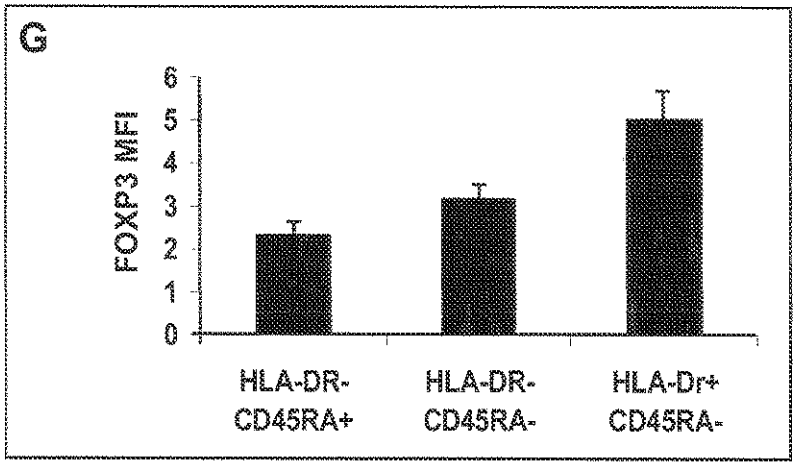
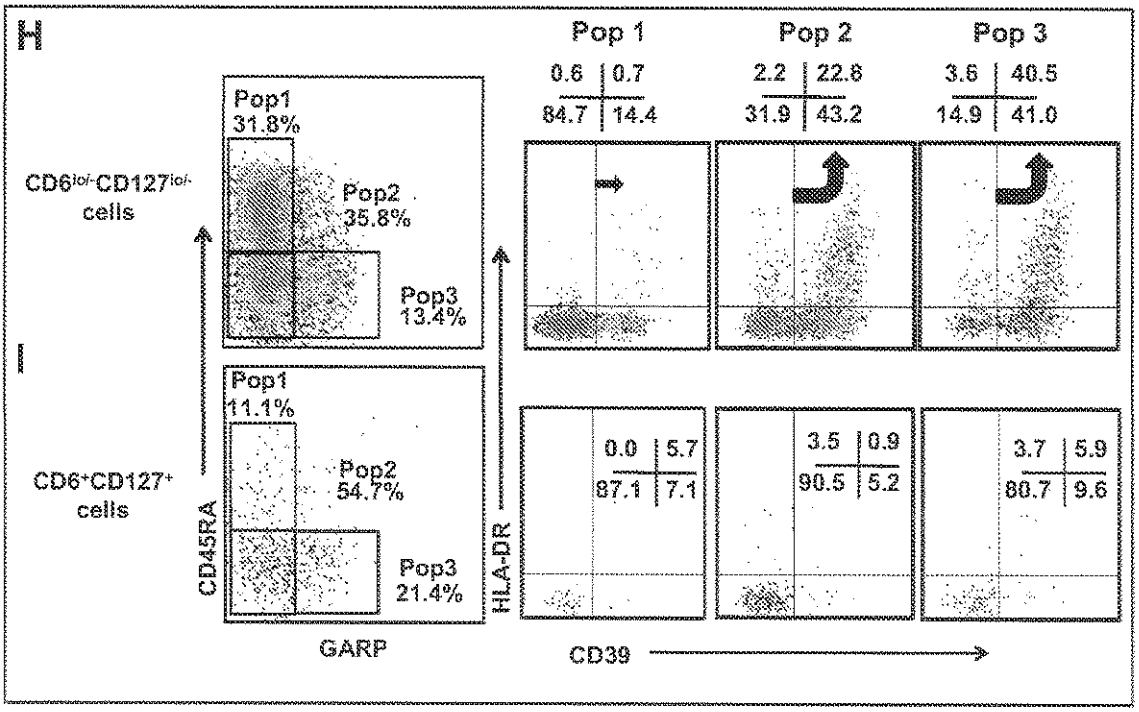

F
CD45RA
N/R
I/Me
Ma/E
CCR4
3D: 19.1%
CD39
HLA-Dr
CCR4

FIG. 10


G
FOXP3 MFI
0
1
2
3
4
5
6
HLA-DR-
CD45RA+
HLA-DR-
CD45RA-
HLA-Dr+
CD45RA-


H
I
Pop1
31.8%
Pop2
35.8%
Pop3
13.4%
CD6lo/-CD127lo/-
cells
Pop1
11.1%
Pop2
54.7%
Pop3
21.4%
CD6+CD127+
cells
CD45RA
GARP
HLA-DR
CD39
Pop 1
Pop 2
Pop 3
0.6 0.7
84.7 14.4
2.2 22.8
31.9 43.2
3.6 40.5
14.9 41.0
0.0 5.7
87.1 7.1
3.5 0.9
90.5 5.2
3.7 5.9
80.7 9.6