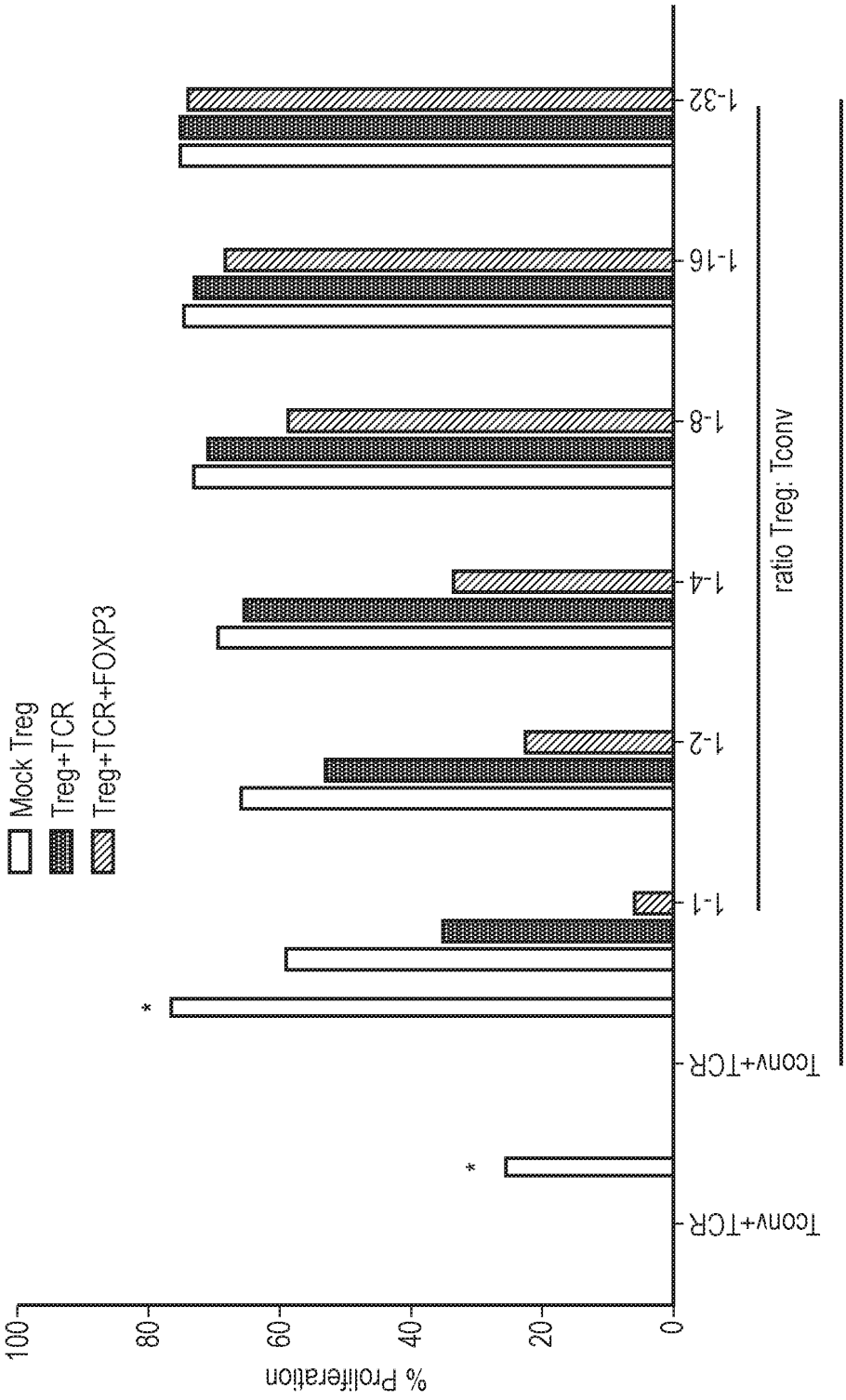

Mock Treg
Treg+TCR
Treg+TCR+FOXP3
% Proliferation
100
80
60
40
20
0
Tconv+TCR
Tconv+TCR
*
*
1-1
1-2
1-4
1-8
1-16
1-32
ratio Treg: Tconv
+peptide

FIG. 1

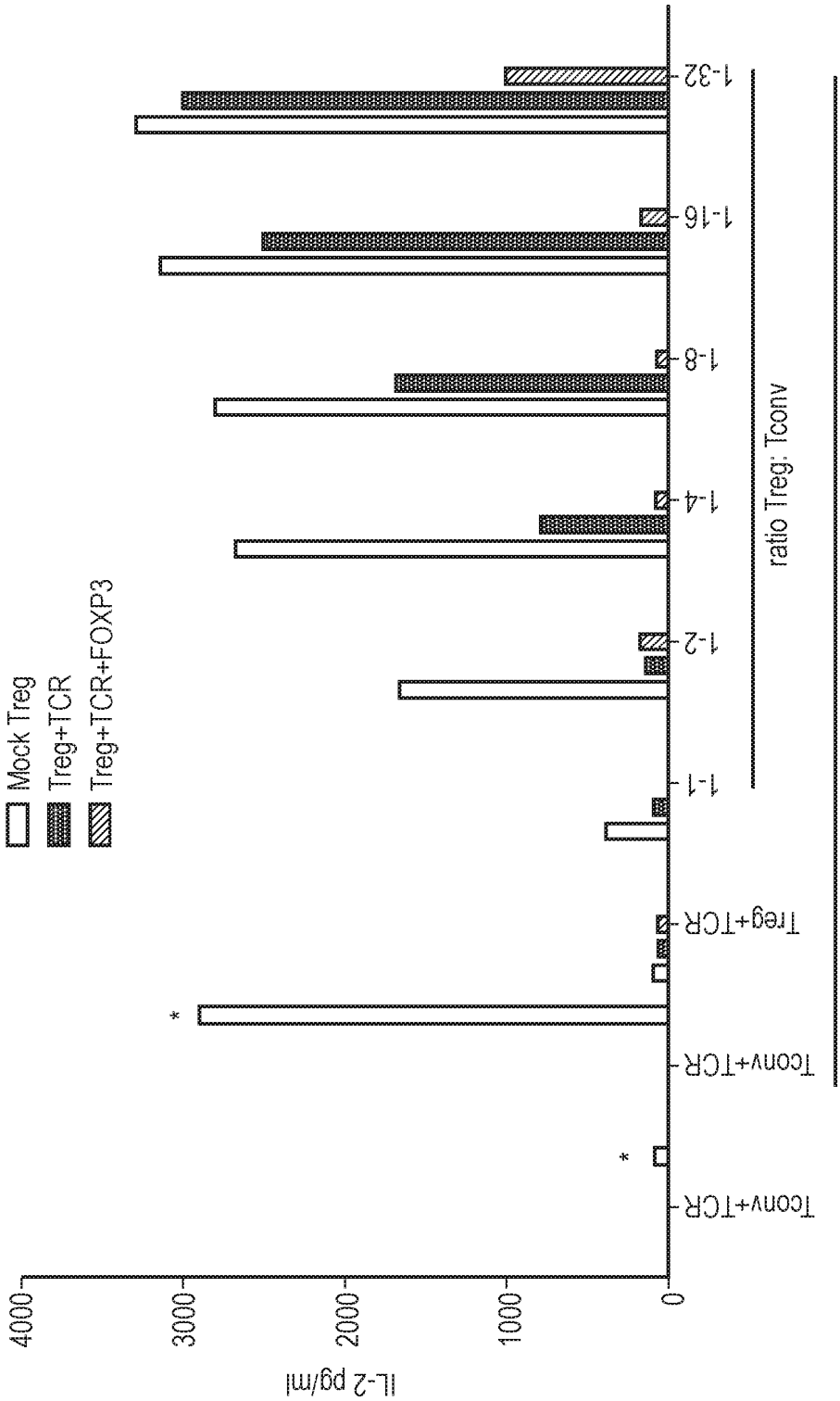

IL-2 pg/ml
4000
3000
2000
1000
0
Tconv+TCR
Tconv+TCR
Treg+TCR
1-1
1-2
1-4
1-8
1-16
1-32
ratio Treg: Tconv
+peptide
Mock Treg
Treg+TCR
Treg+TCR+FOXP3
*
*

FIG. 2

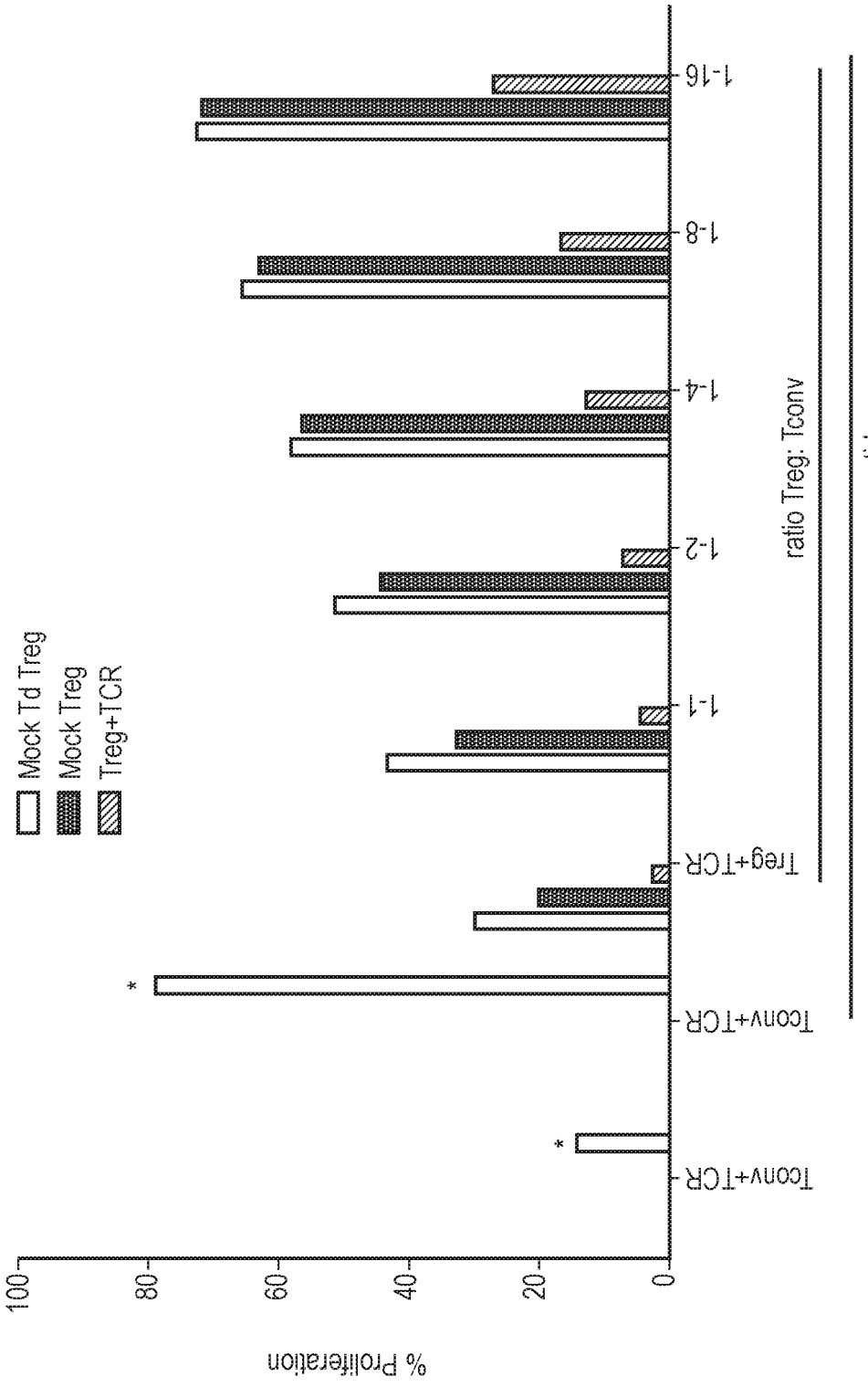

% Proliferation
100
80
60
40
20
0
Tconv+TCR
*
Tconv+TCR
*
Treg+TCR
1-1
1-2
1-4
1-8
1-16
ratio Treg: Tconv
+peptide
Mock Td Treg
Mock Treg
Treg+TCR

FIG. 3

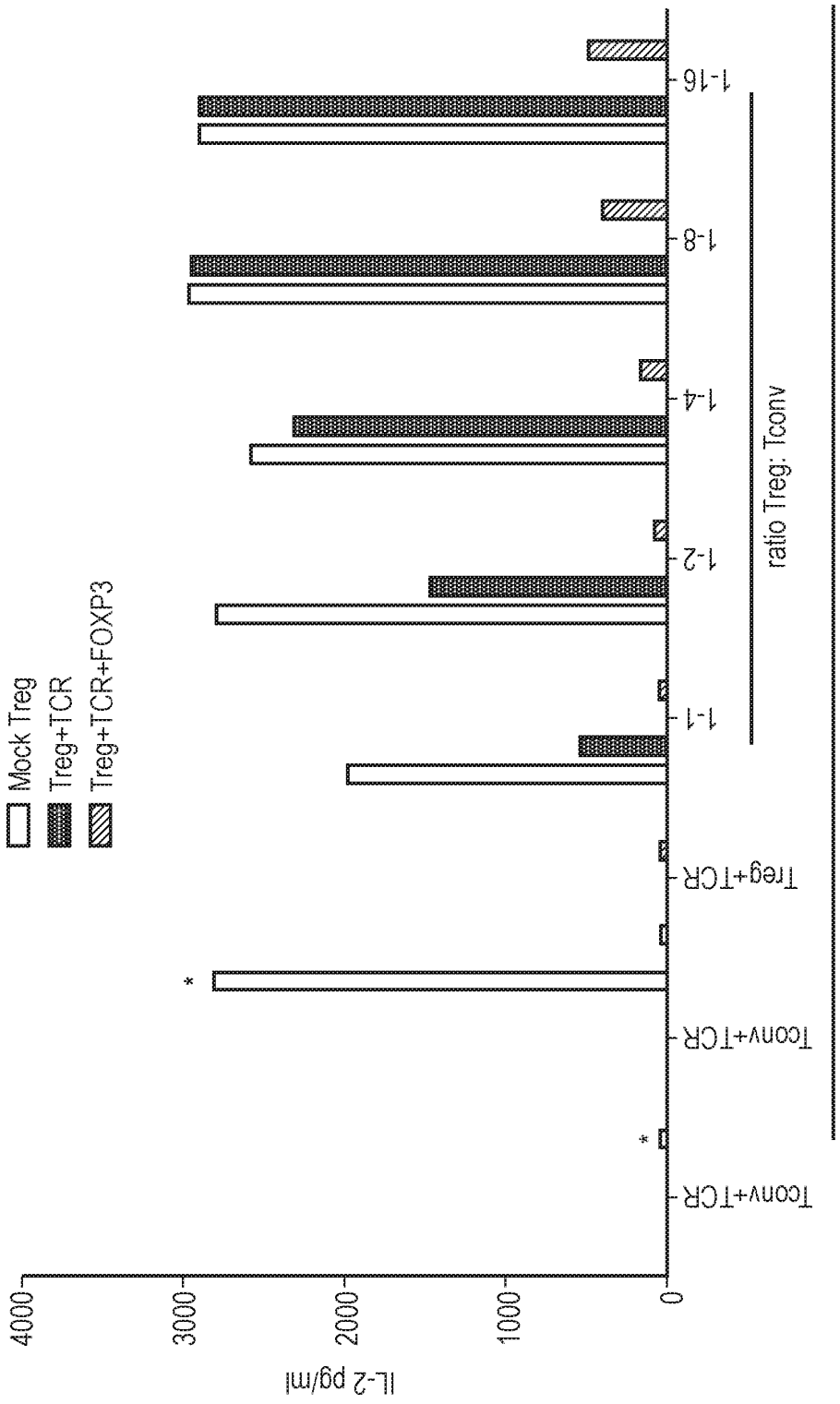

IL-2 pg/ml
4000
3000
2000
1000
0
Tconv+TCR
Tconv+TCR
Treg+TCR
1-1
1-2
1-4
1-8
1-16
ratio Treg: Tconv
+peptide
Mock Treg
Treg+TCR
Treg+TCR+FOXP3
*
*

FIG. 4

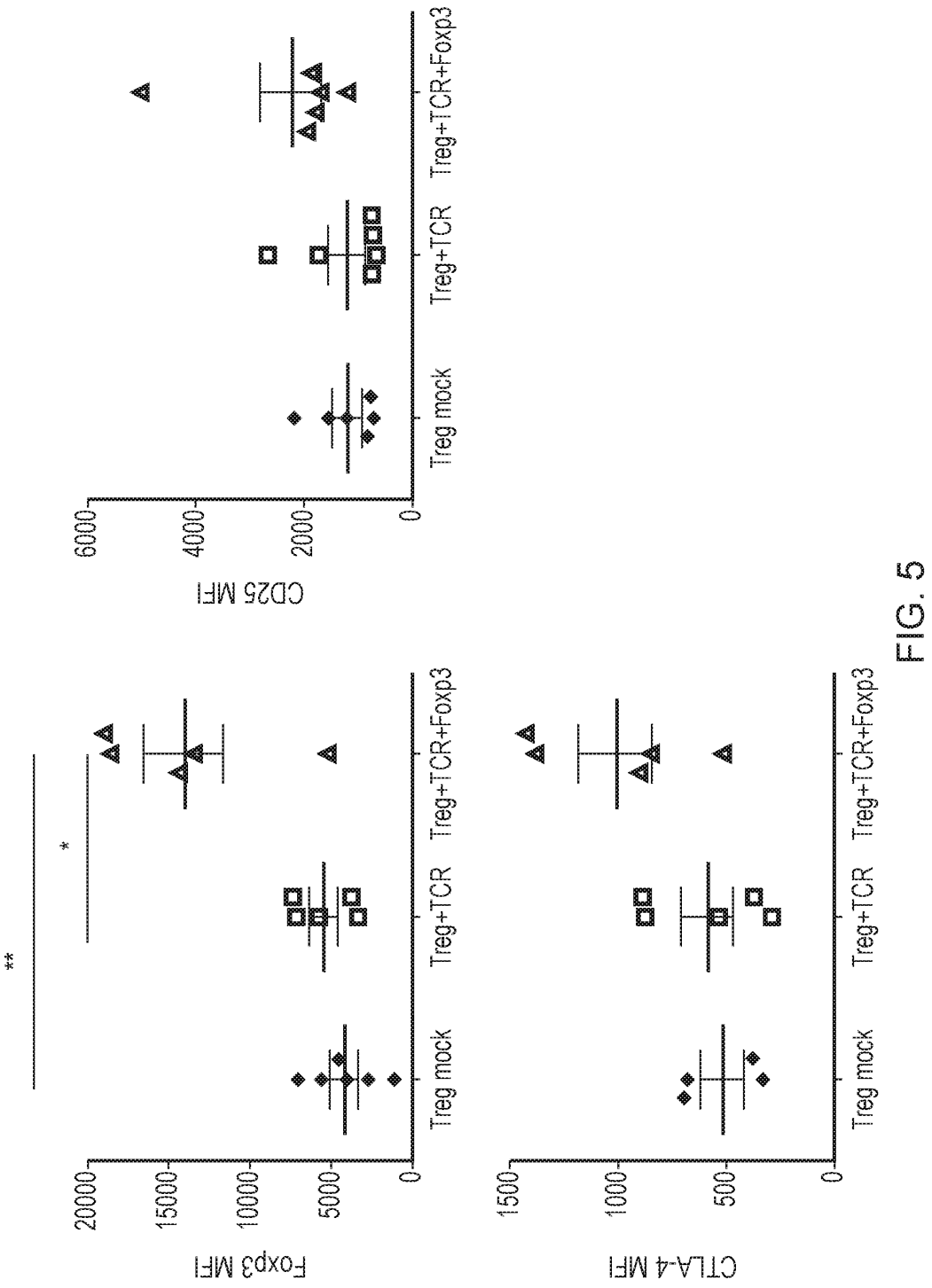

CD25 MFI
6000
4000
2000
0
Treg mock
Treg+TCR
Treg+TCR+Foxp3
Foxp3 MFI
20000
15000
10000
5000
0
**
*
CTLA-4 MFI
1500
1000
500
0

FIG. 5

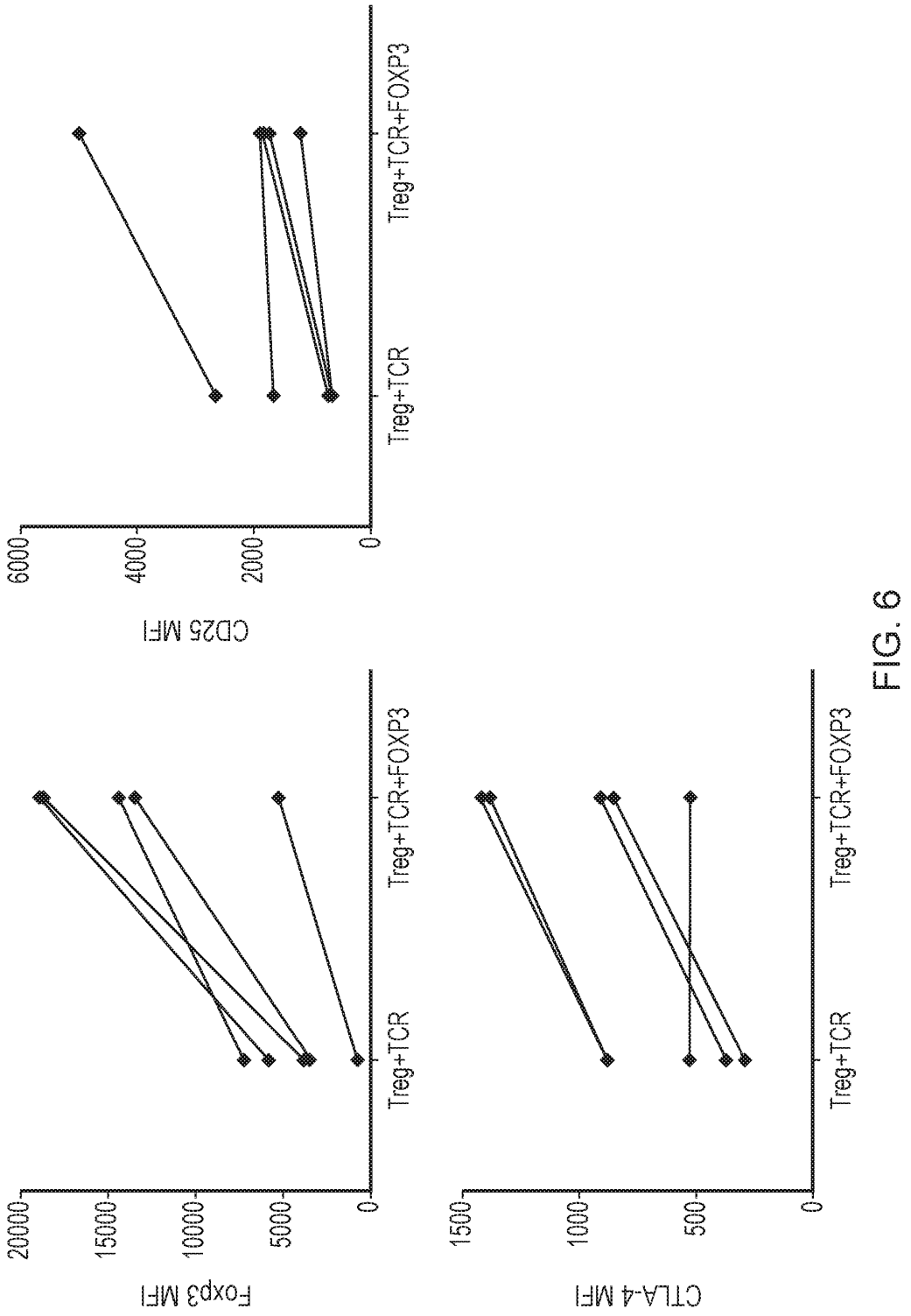

CD25 MFI
6000
4000
2000
0
Treg+TCR
Treg+TCR+FOXP3
Foxp3 MFI
20000
15000
10000
5000
0
Treg+TCR
Treg+TCR+FOXP3
CTLA-4 MFI
1500
1000
500
0
Treg+TCR
Treg+TCR+FOXP3

FIG. 6

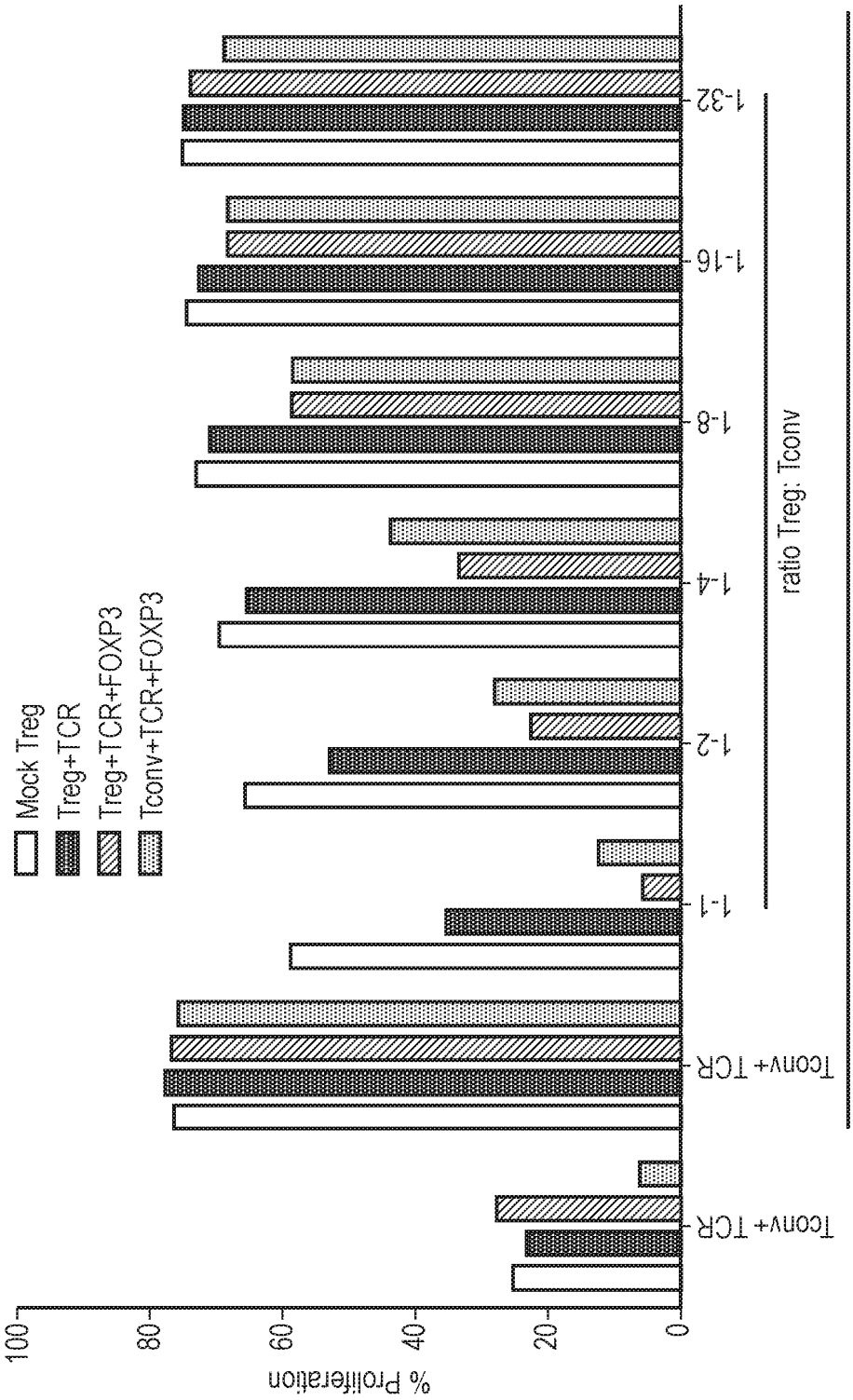

% Proliferation
100
80
60
40
20
0
Mock Treg
Treg+TCR
Treg+TCR+FOXP3
Tconv+TCR+FOXP3
Tconv+ TCR
Tconv+ TCR
1-1
1-2
1-4
1-8
1-16
1-32
ratio Treg: Tconv
+peptide

FIG. 7

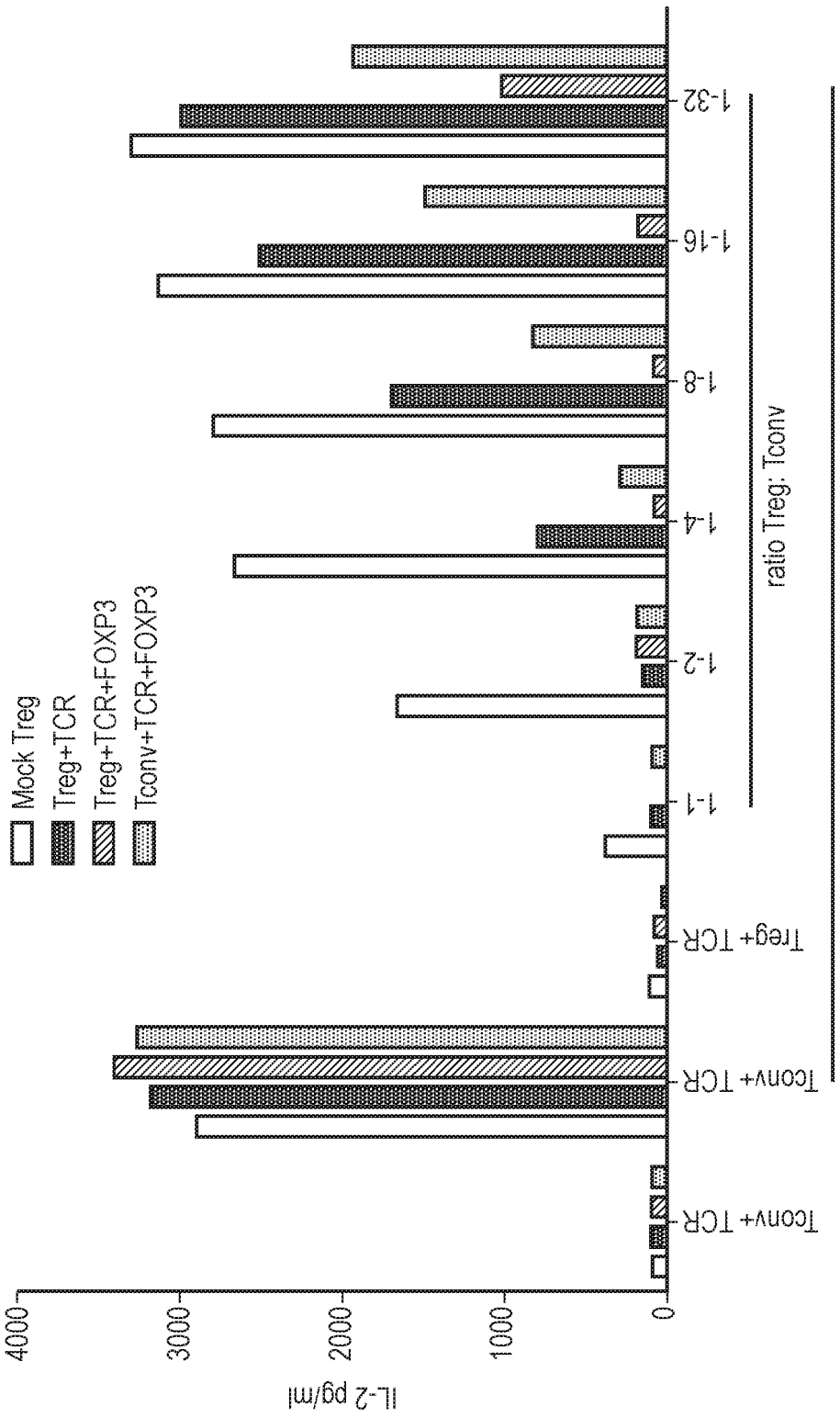

IL-2 pg/ml
4000
3000
2000
1000
0
Tconv+ TCR
Tconv+ TCR
Treg+ TCR
1-1
1-2
1-4
1-8
1-16
1-32
ratio Treg: Tconv
+peptide
Mock Treg
Treg+TCR
Treg+TCR+FOXP3
Tconv+TCR+FOXP3

FIG. 8

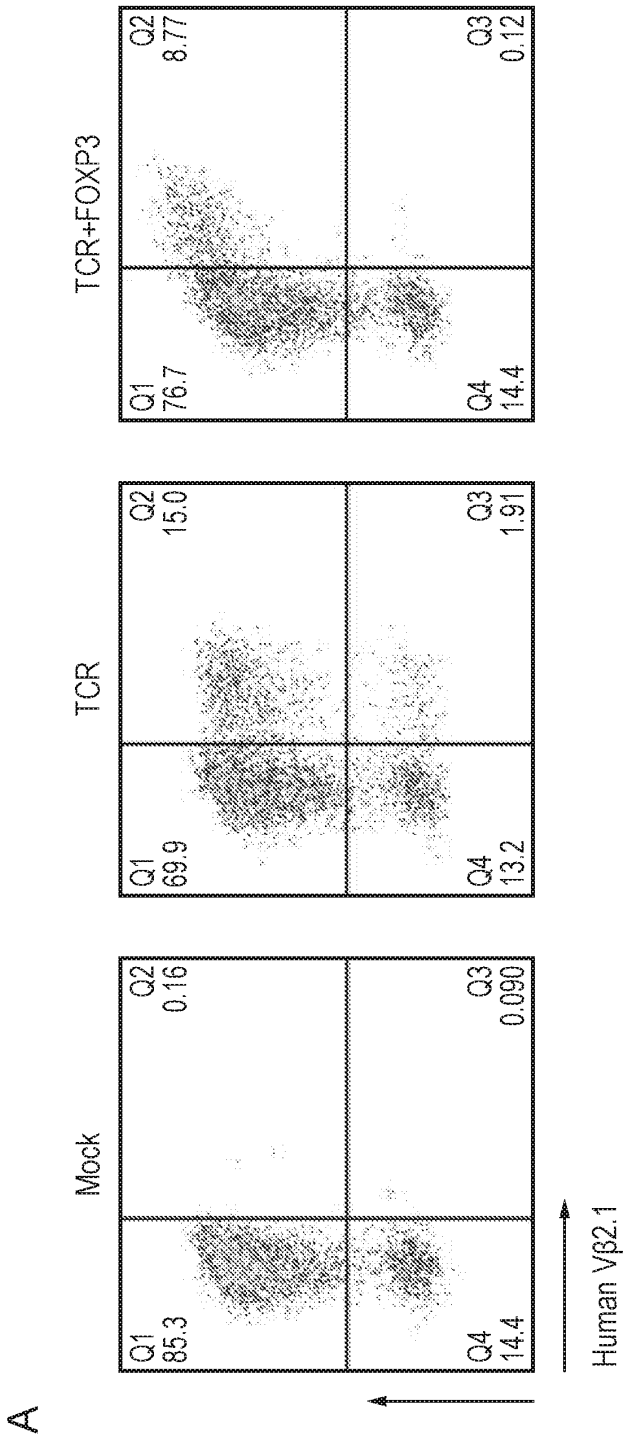

A
Mock
Q1
85.3
Q2
0.16
Q4
14.4
Q3
0.090
TCR
Q1
69.9
Q2
15.0
Q4
13.2
Q3
1.91
TCR+FOXP3
Q1
76.7
Q2
8.77
Q4
14.4
Q3
0.12
Human Vβ2.1

FIG. 9

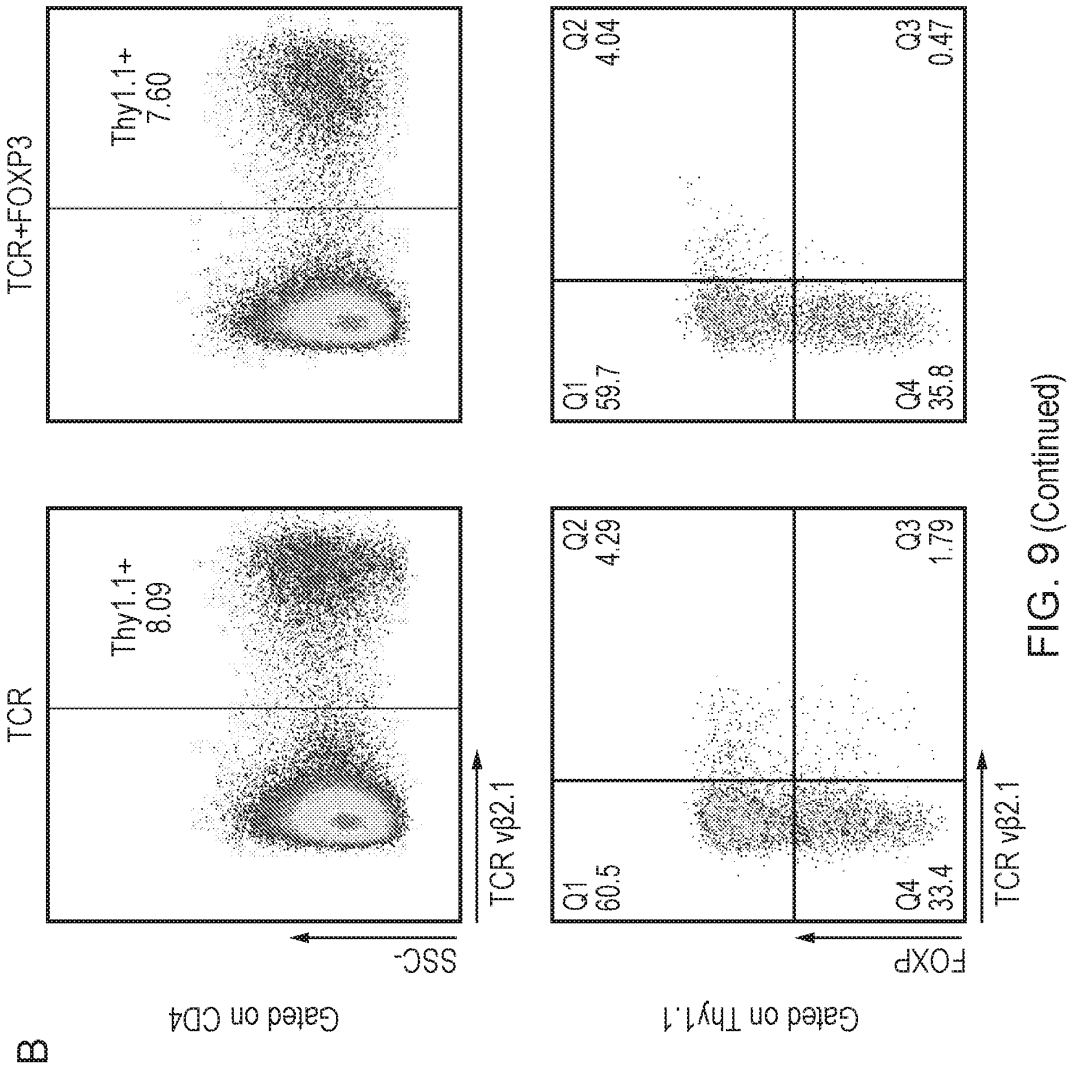


FIG. 9 (Continued)

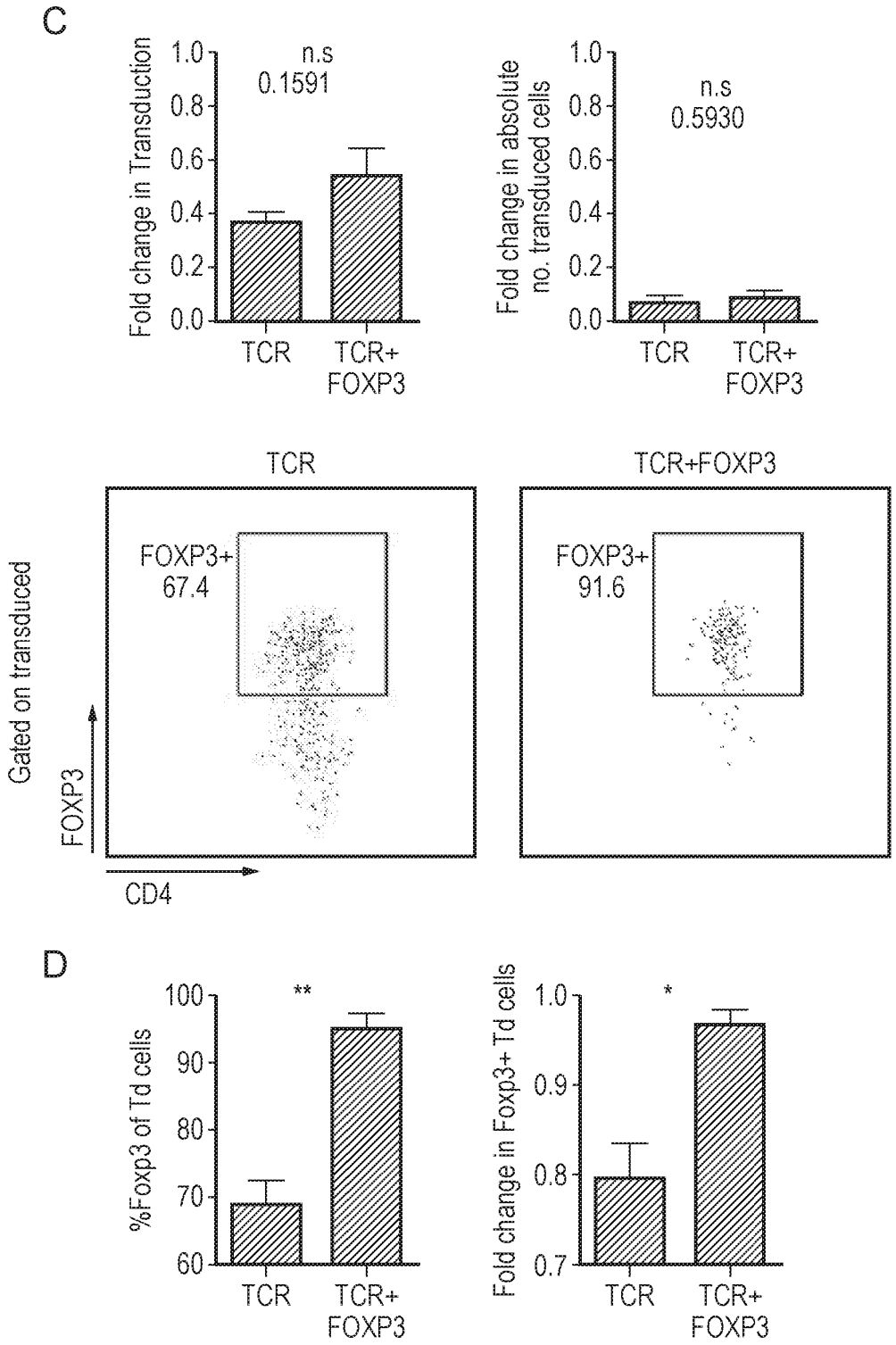


FIG. 9 (Continued)

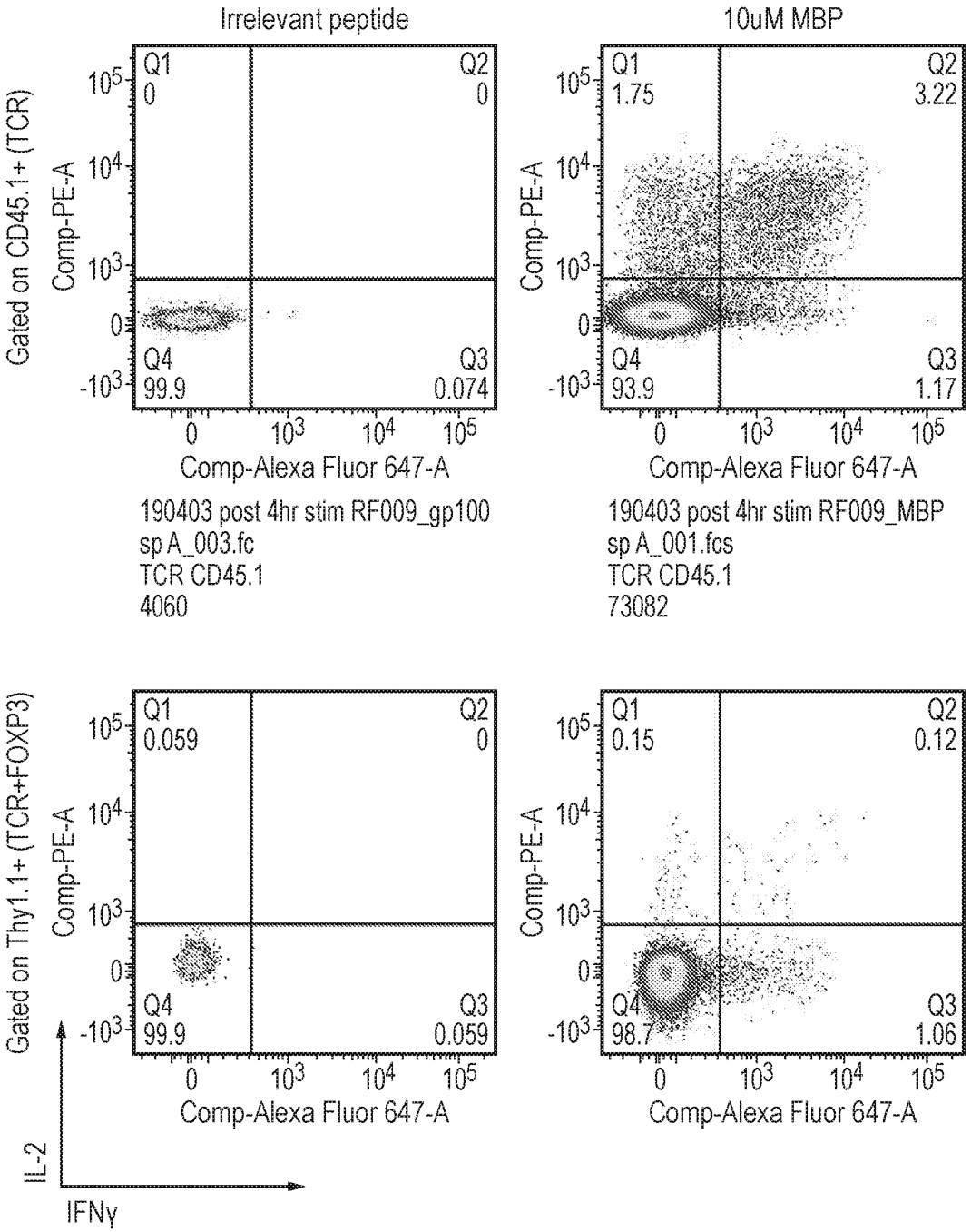

Irrelevant peptide
10uM MBP
Gated on CD45.1+ (TCR)
Comp-PE-A
Comp-Alexa Fluor 647-A
Q1
0
Q2
0
Q4
99.9
Q3
0.074
Q1
1.75
Q2
3.22
Q4
93.9
Q3
1.17
190403 post 4hr stim RF009_gp100
sp A_003.fc
TCR CD45.1
4060
190403 post 4hr stim RF009_MBP
sp A_001.fcs
TCR CD45.1
73082
Gated on Thy1.1+ (TCR+FOXP3)
Q1
0.059
Q2
0
Q4
99.9
Q3
0.059
Q1
0.15
Q2
0.12
Q4
98.7
Q3
1.06
IL-2
IFNγ

FIG. 10A

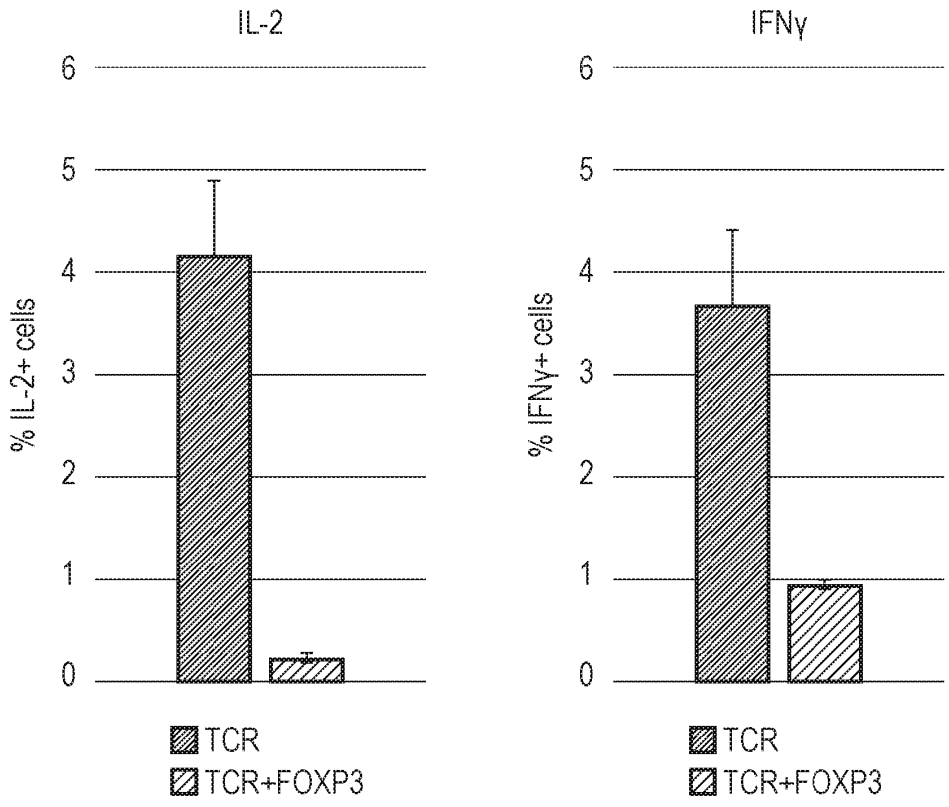


FIG. 10B

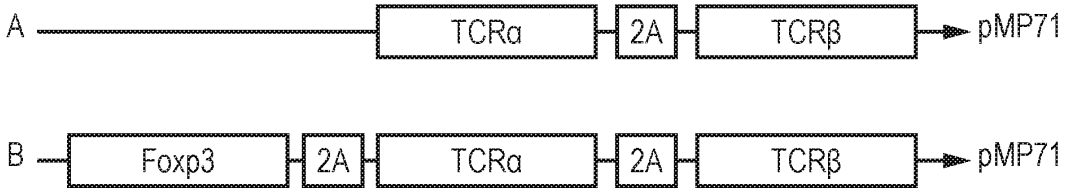


FIG. 11