Figure 1

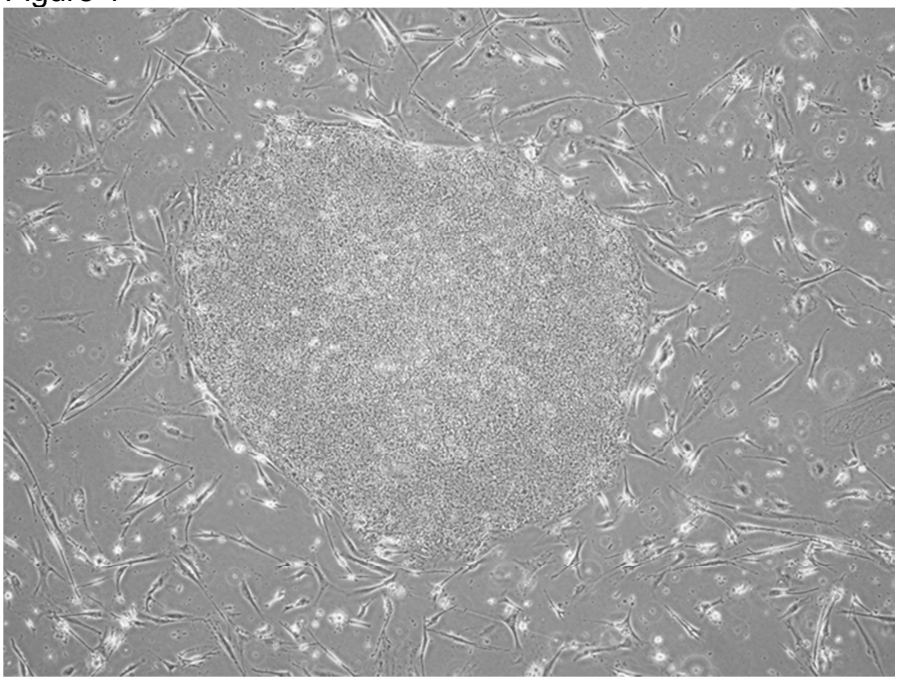


Figure 2

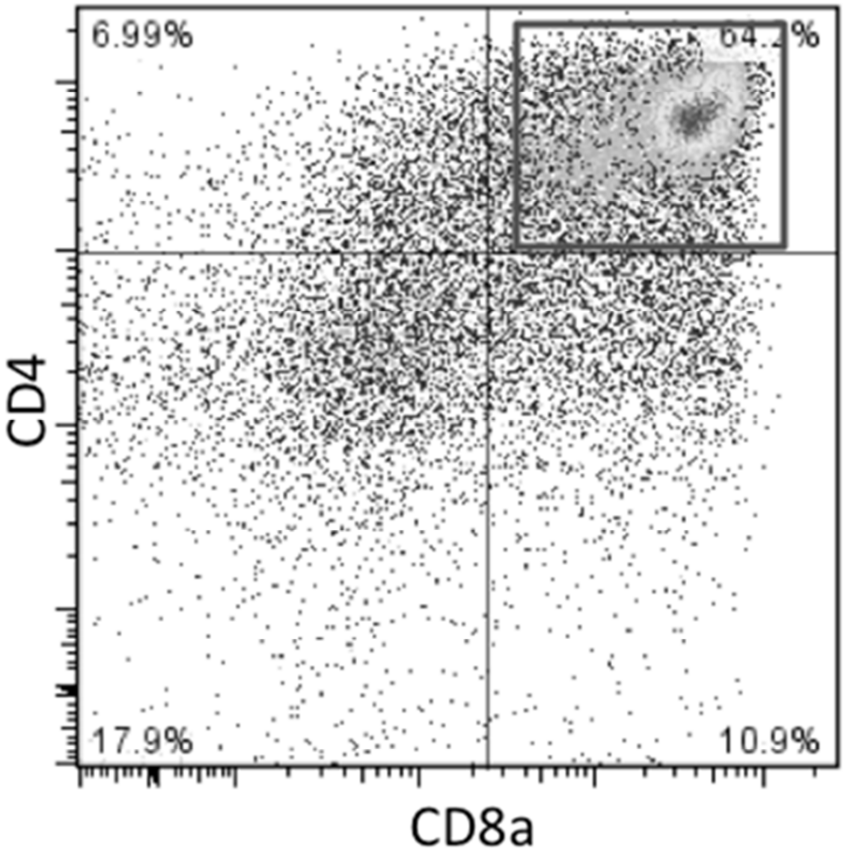


Figure 3

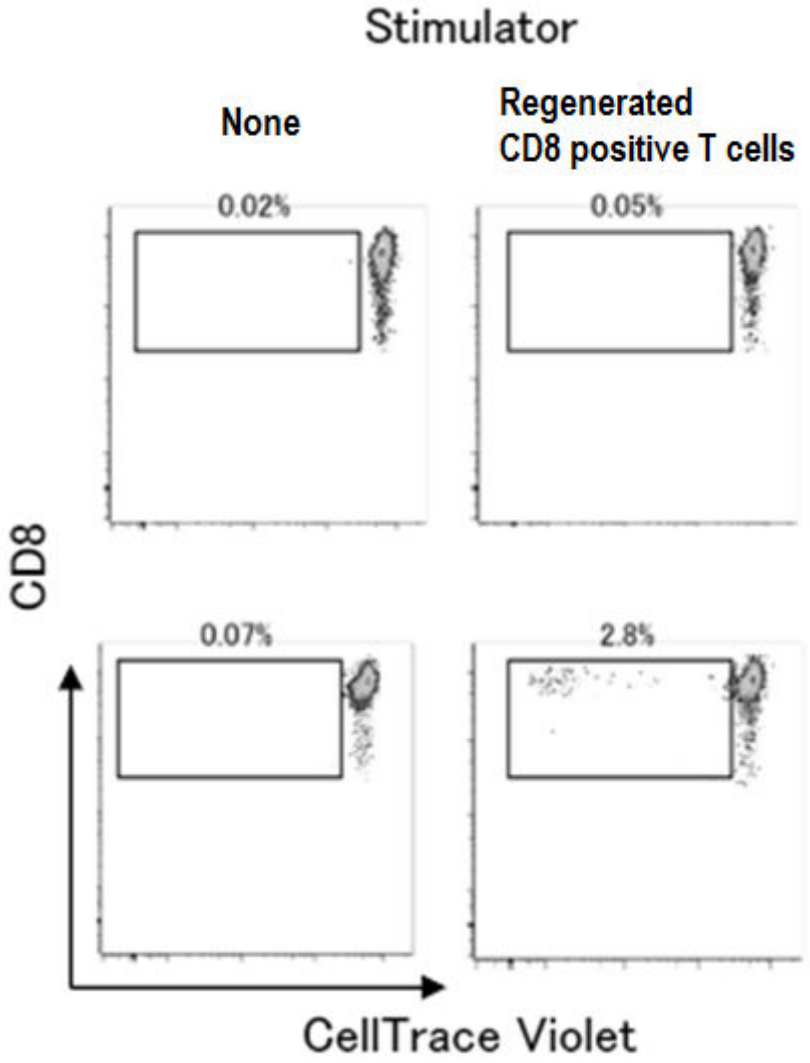

Stimulator
None
Regenerated
CD8 positive T cells
0.02%
0.05%
CD8
0.07%
2.8%
CellTrace Violet

Figure 4

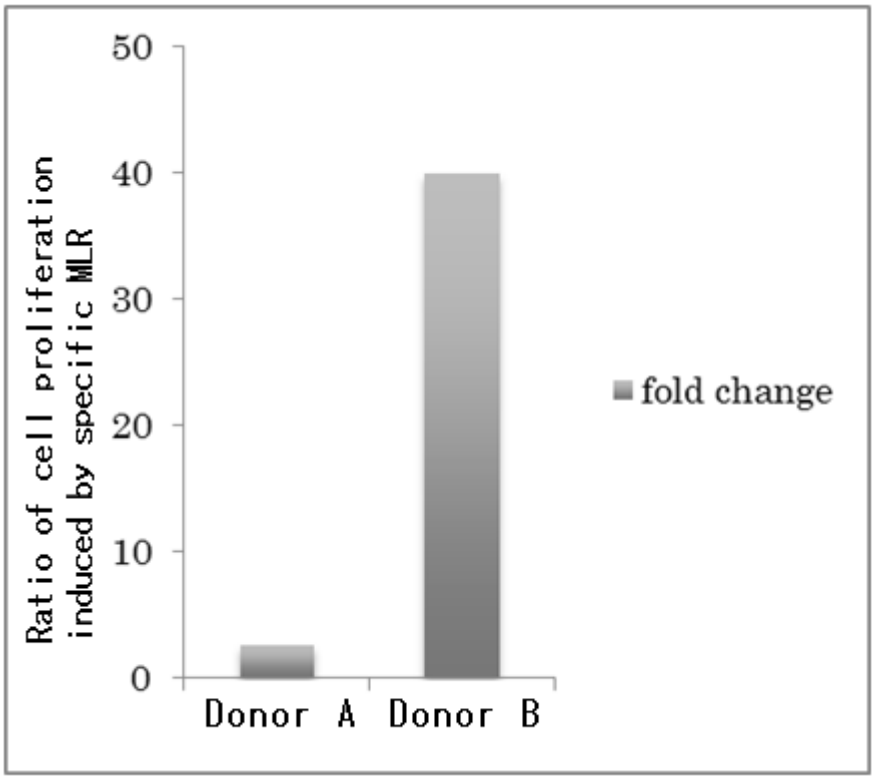
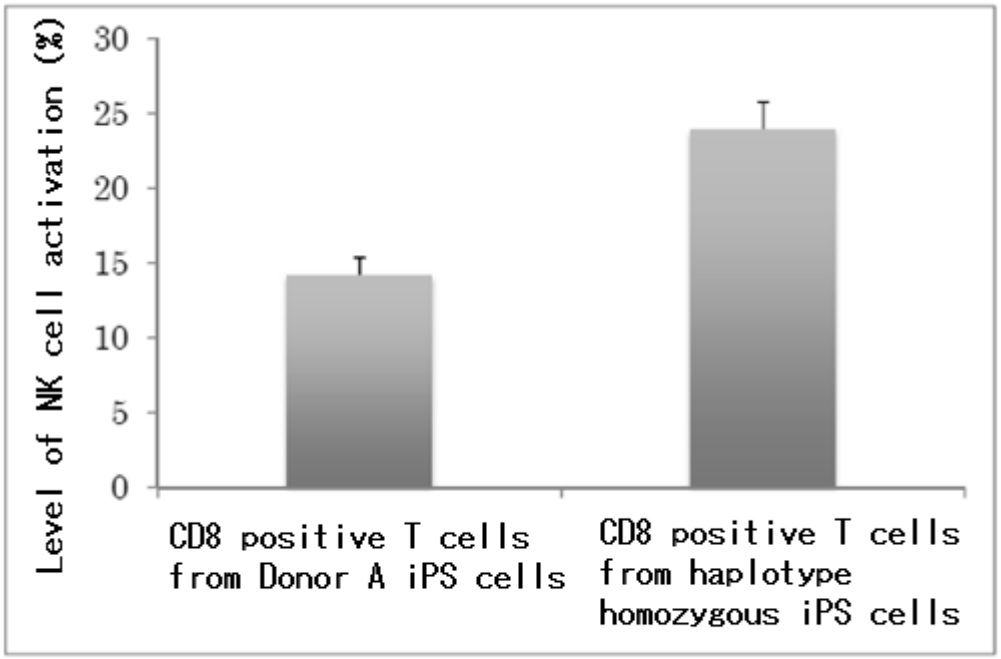


Figure 5



P value = 0.029

Figure 6

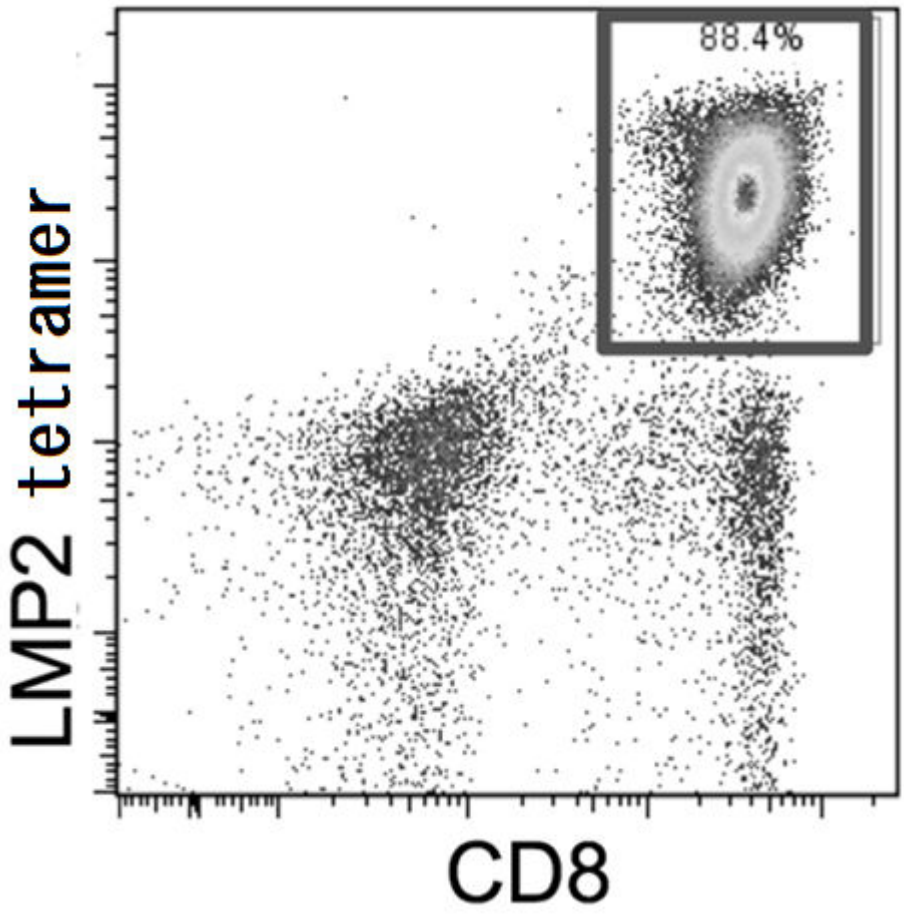


Figure 7

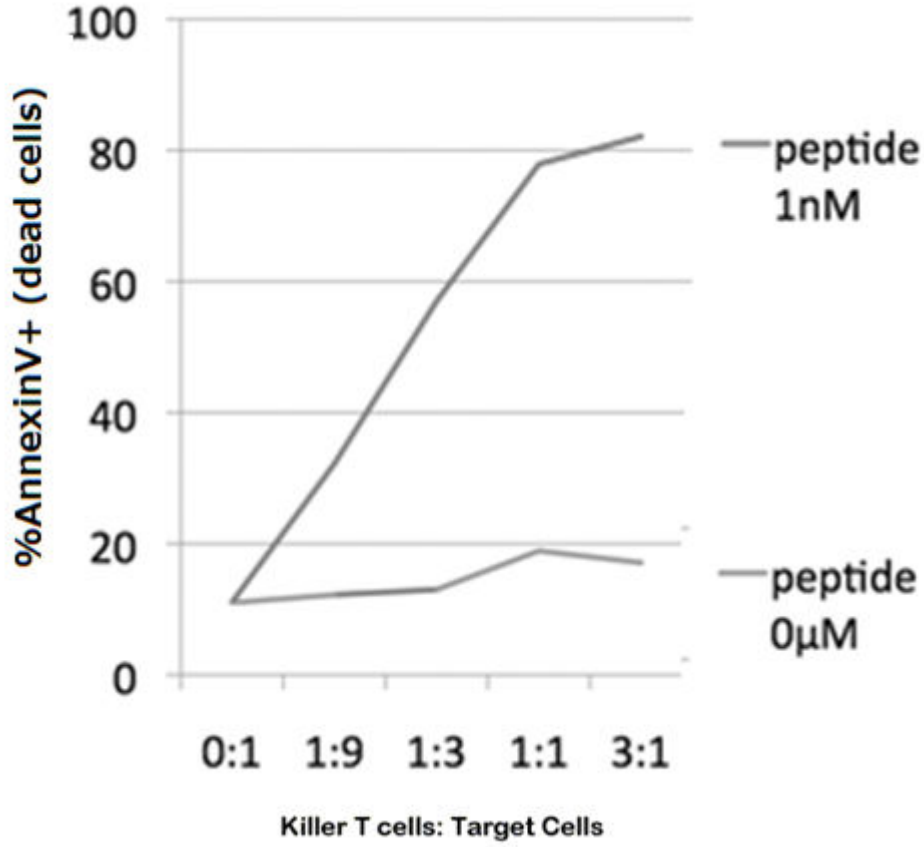


Figure 8

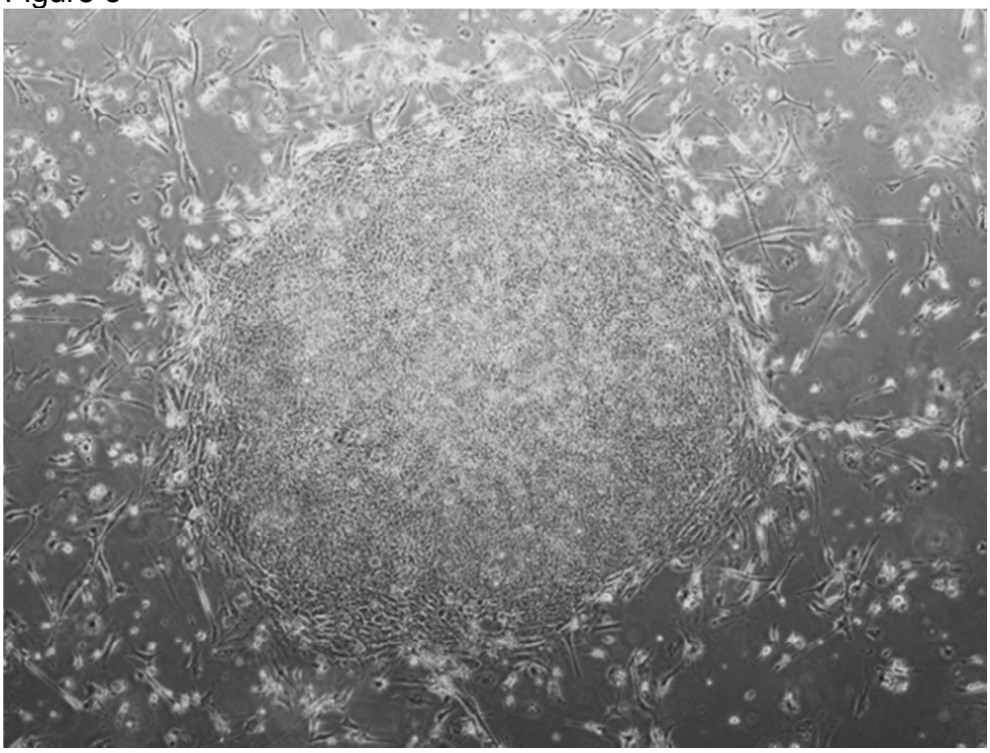


Figure 9

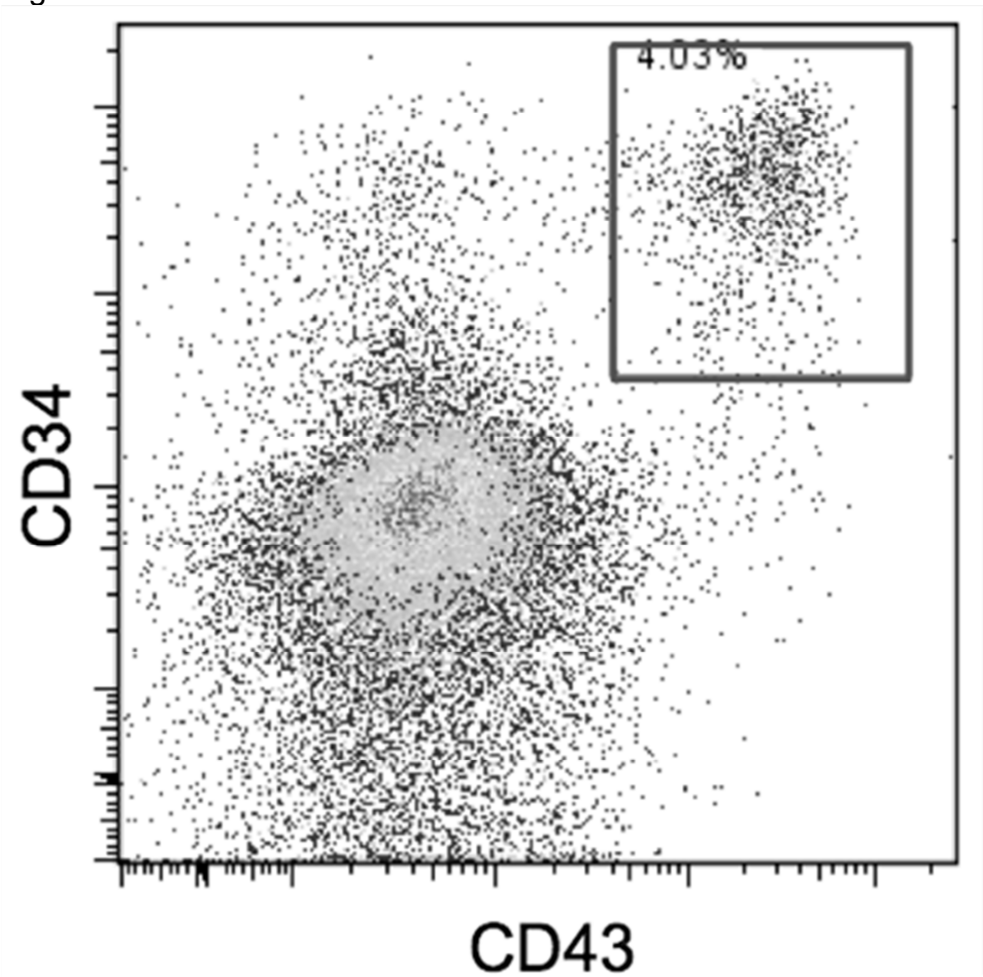


Figure 10

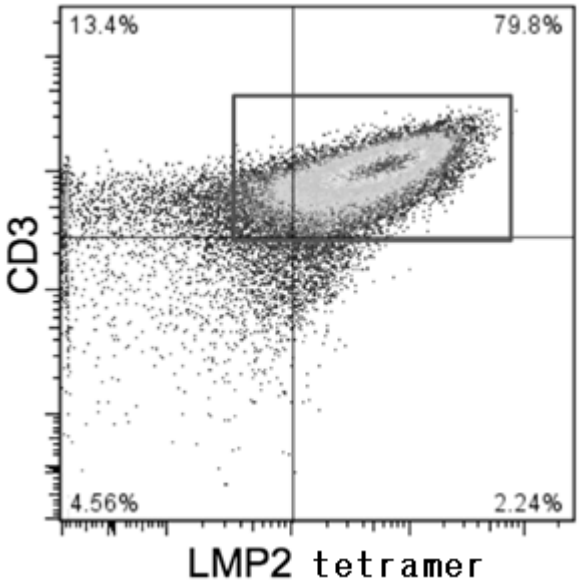


Figure 11

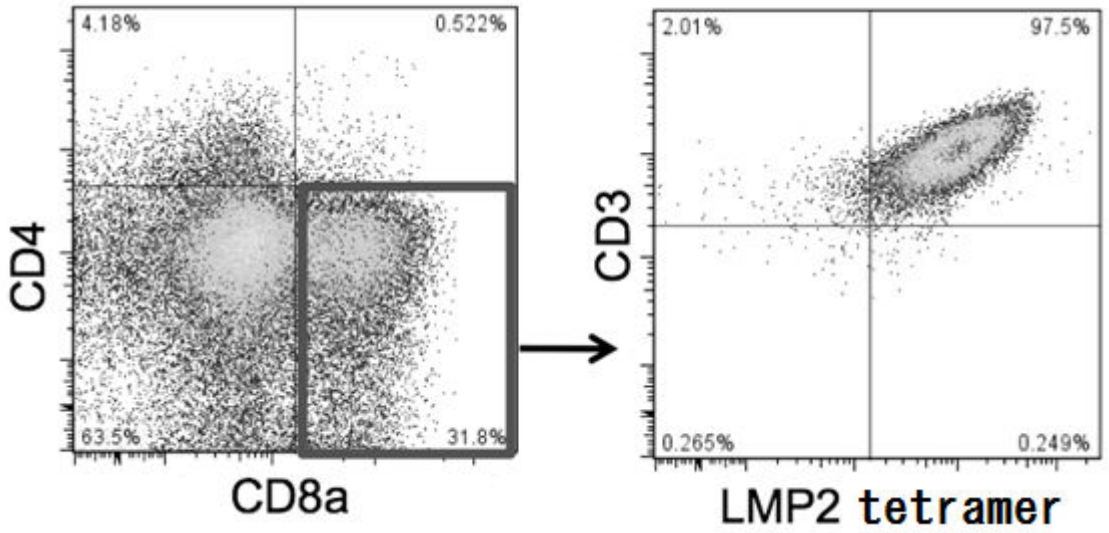


Figure 12

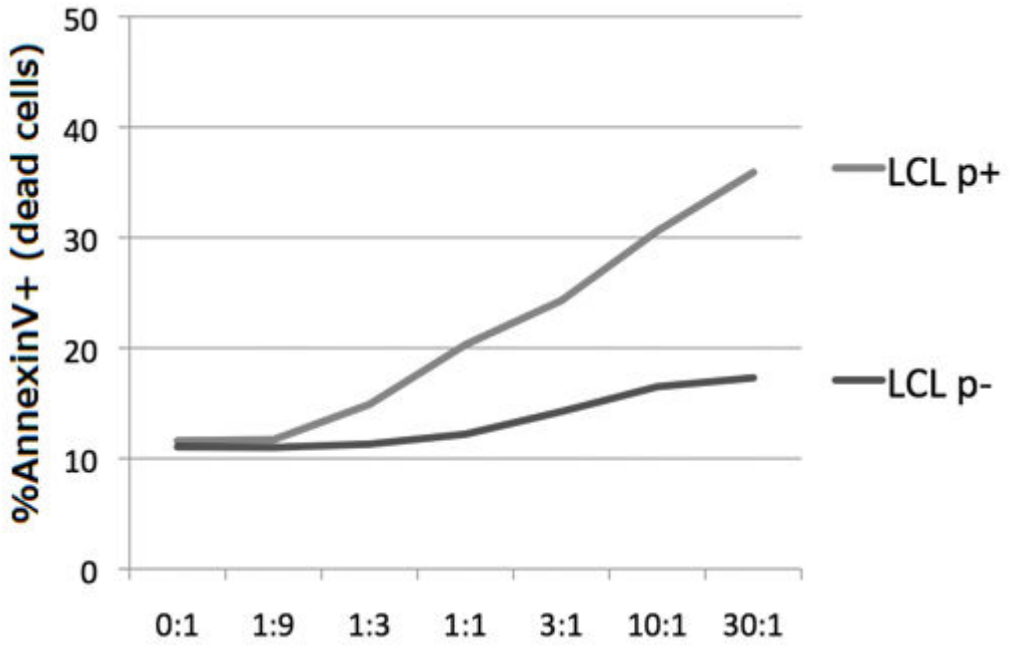


Figure 13

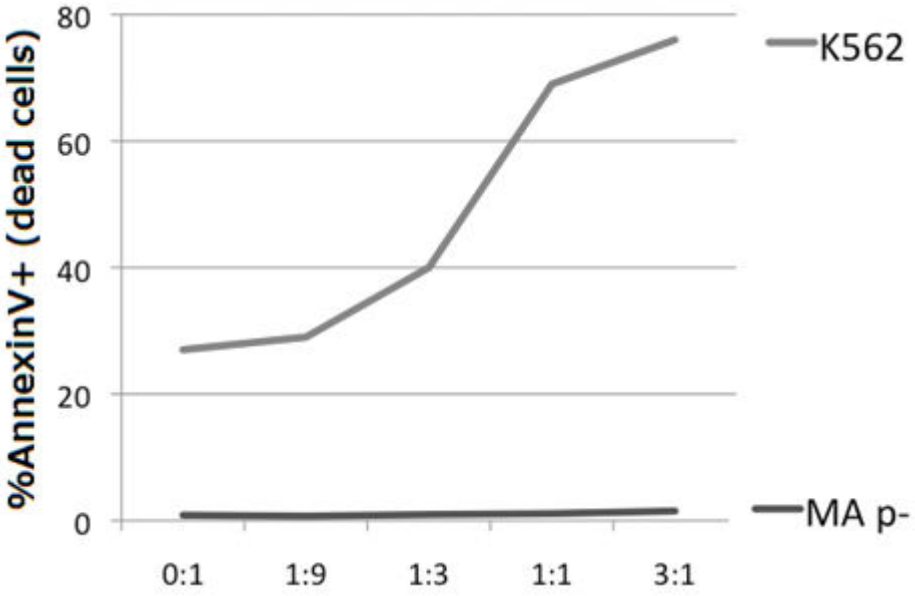


Figure 14

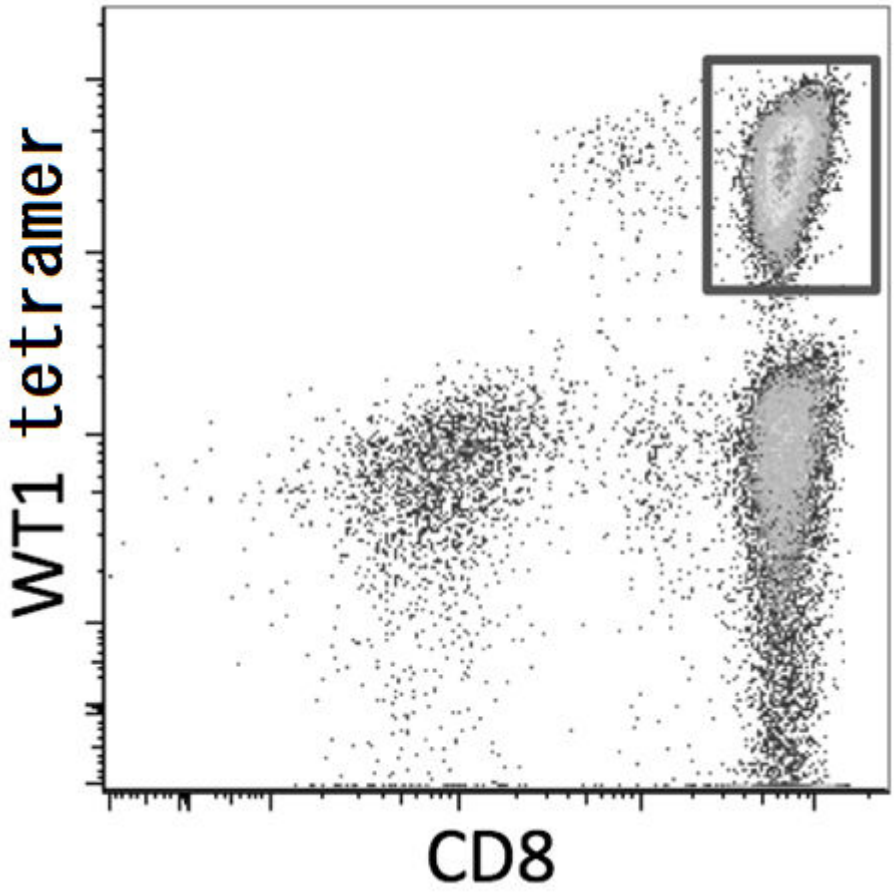


Figure 15



Figure 16

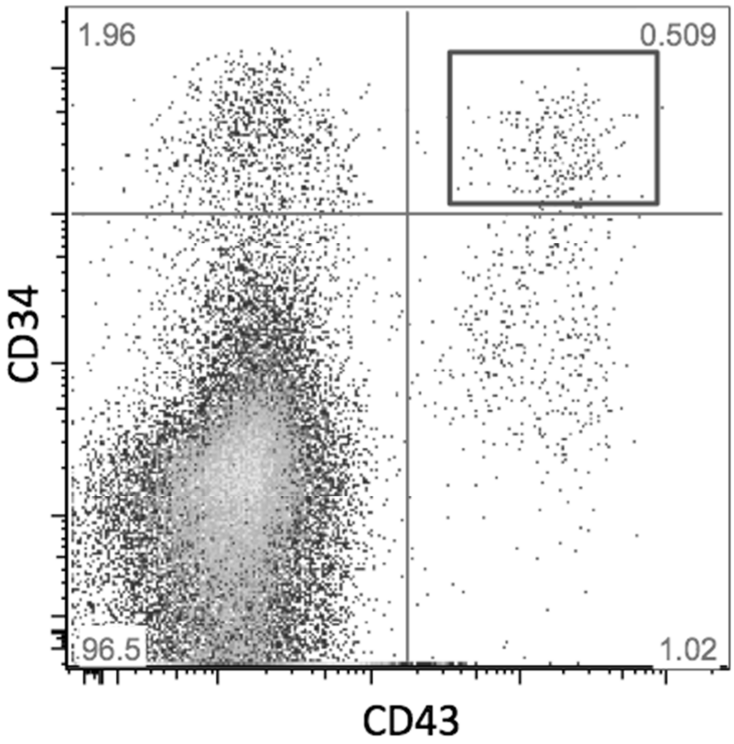


Figure 17

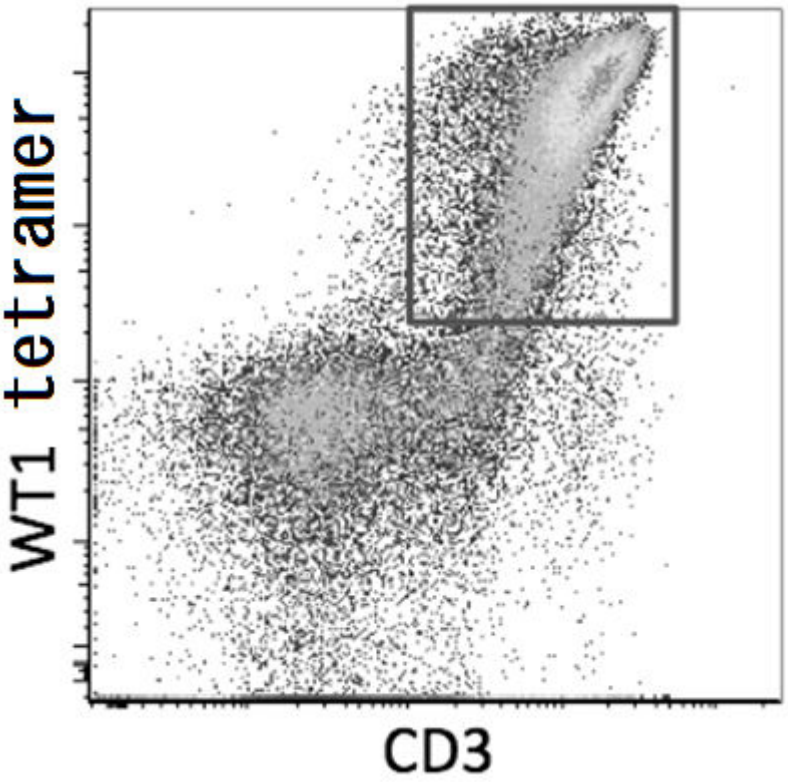


Figure 18

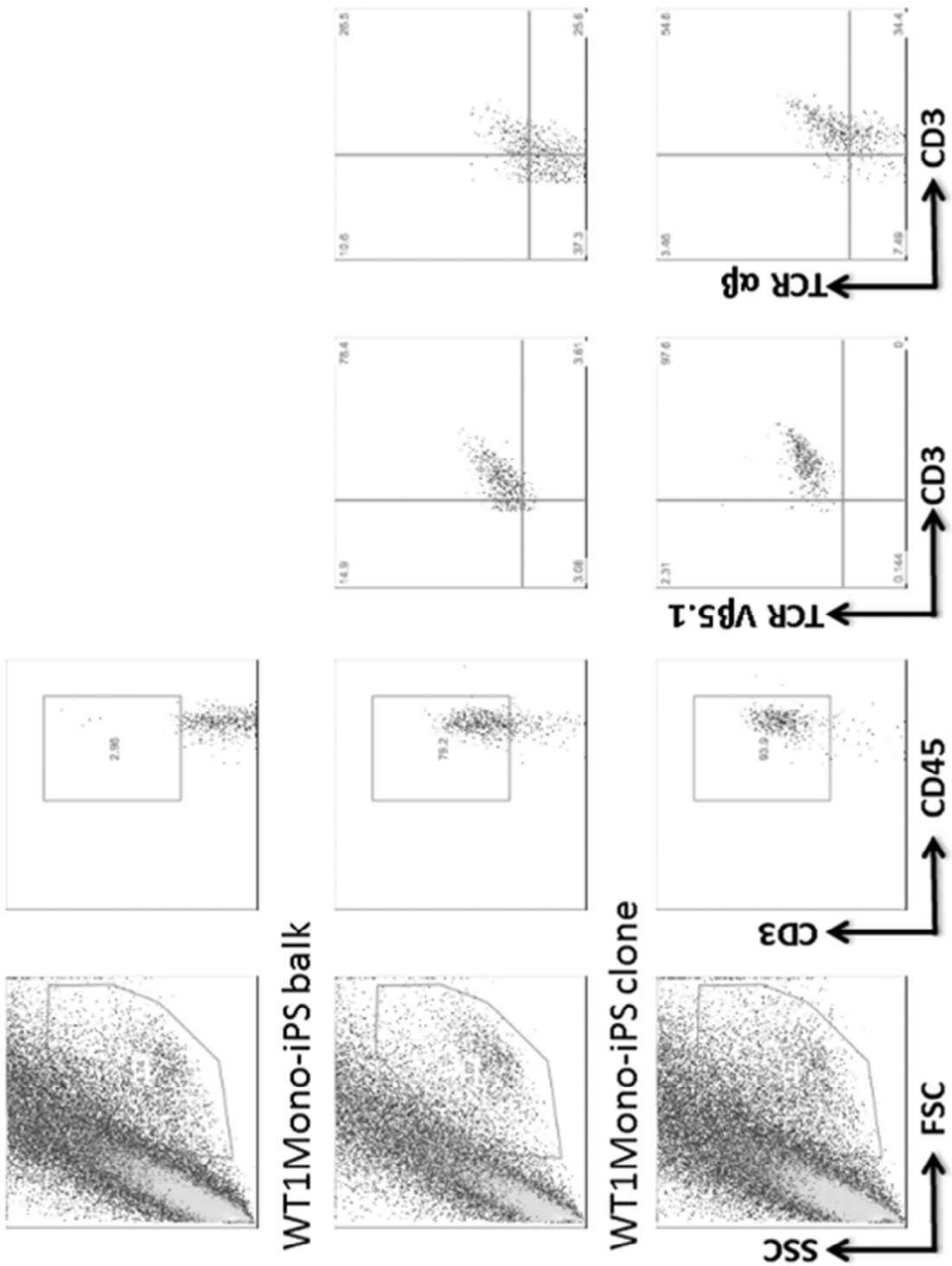

WT1Mono-iPS balk
WT1Mono-iPS clone
SSC
FSC
CD3
CD45
TCR Vβ5.1
CD3
TCR αβ
CD3

Figure 19

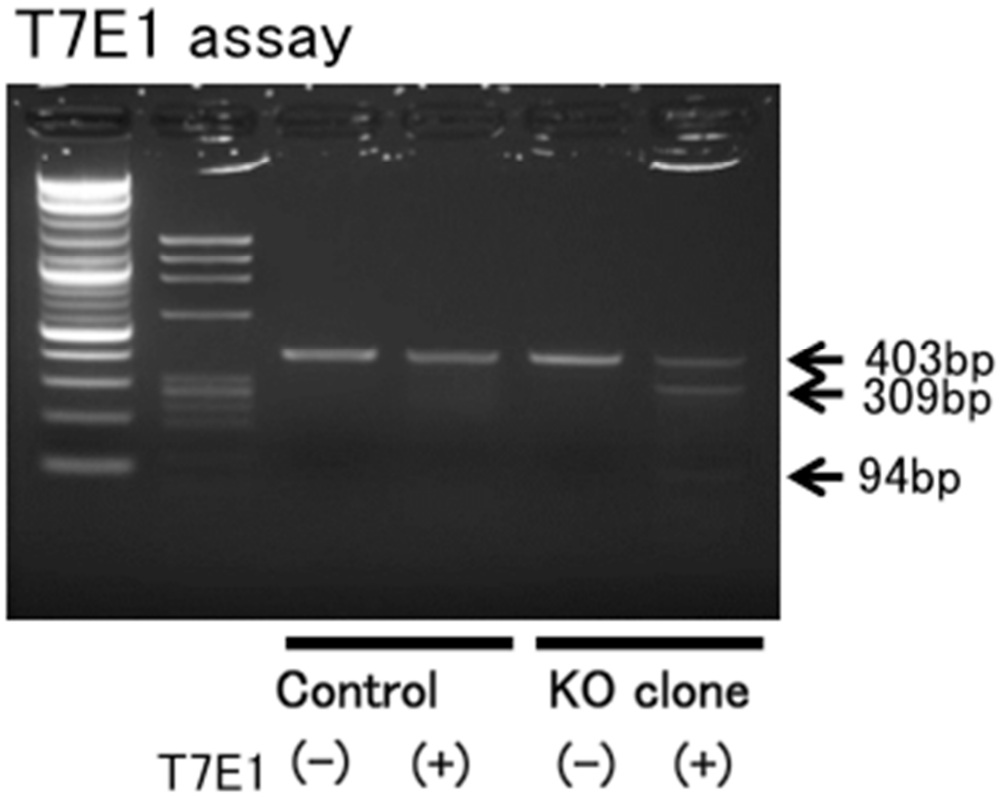


Figure 20

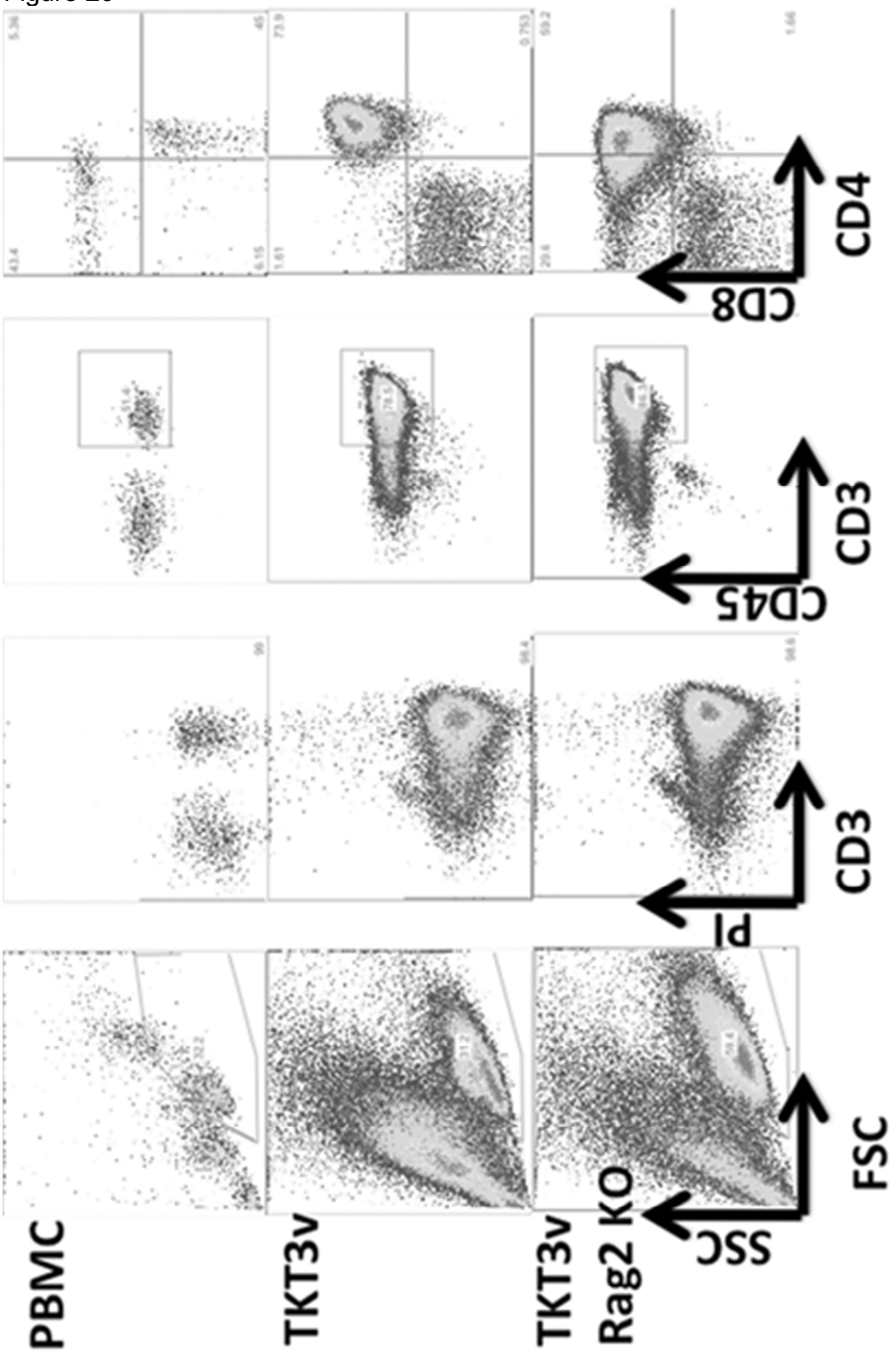


Figure 21

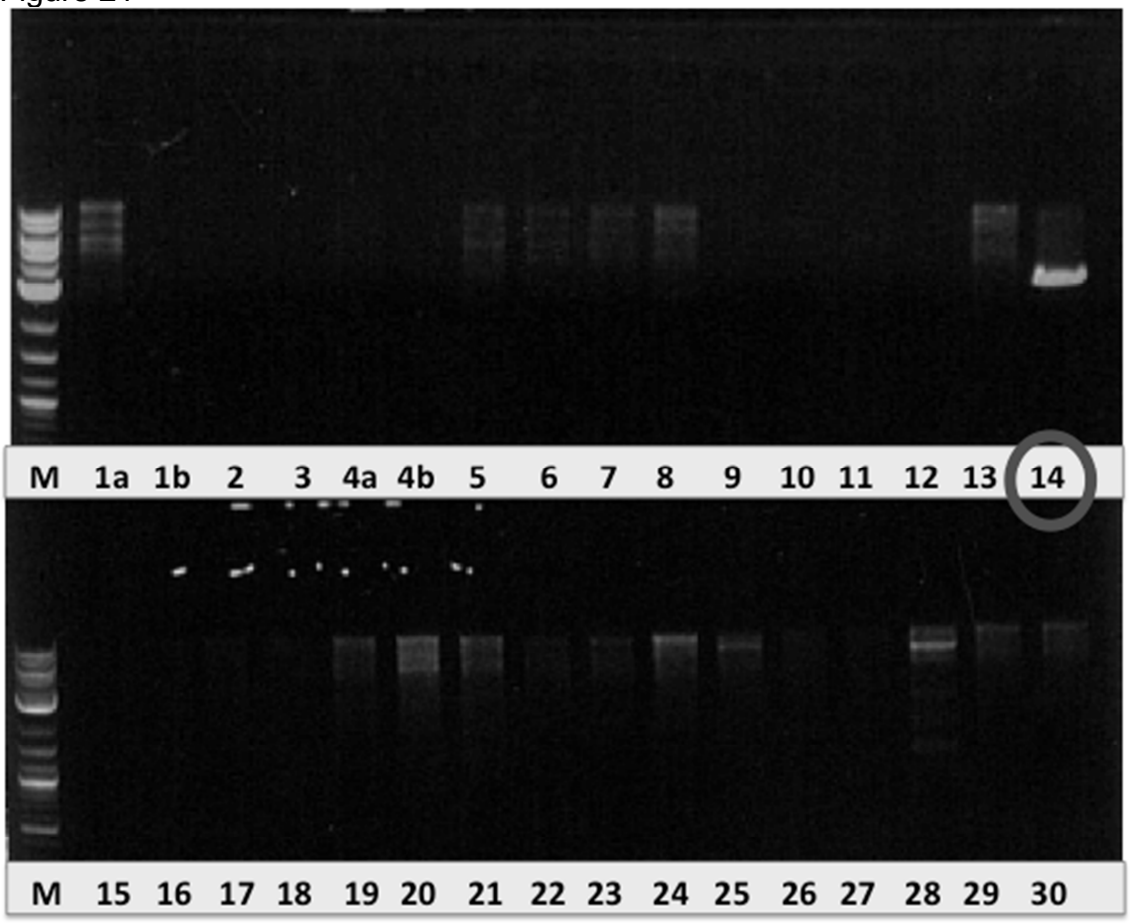


Figure 22

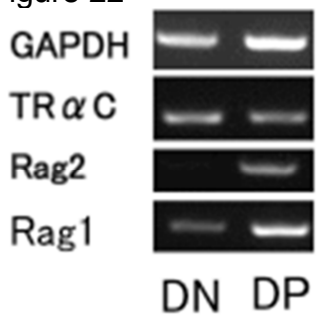


Figure 23

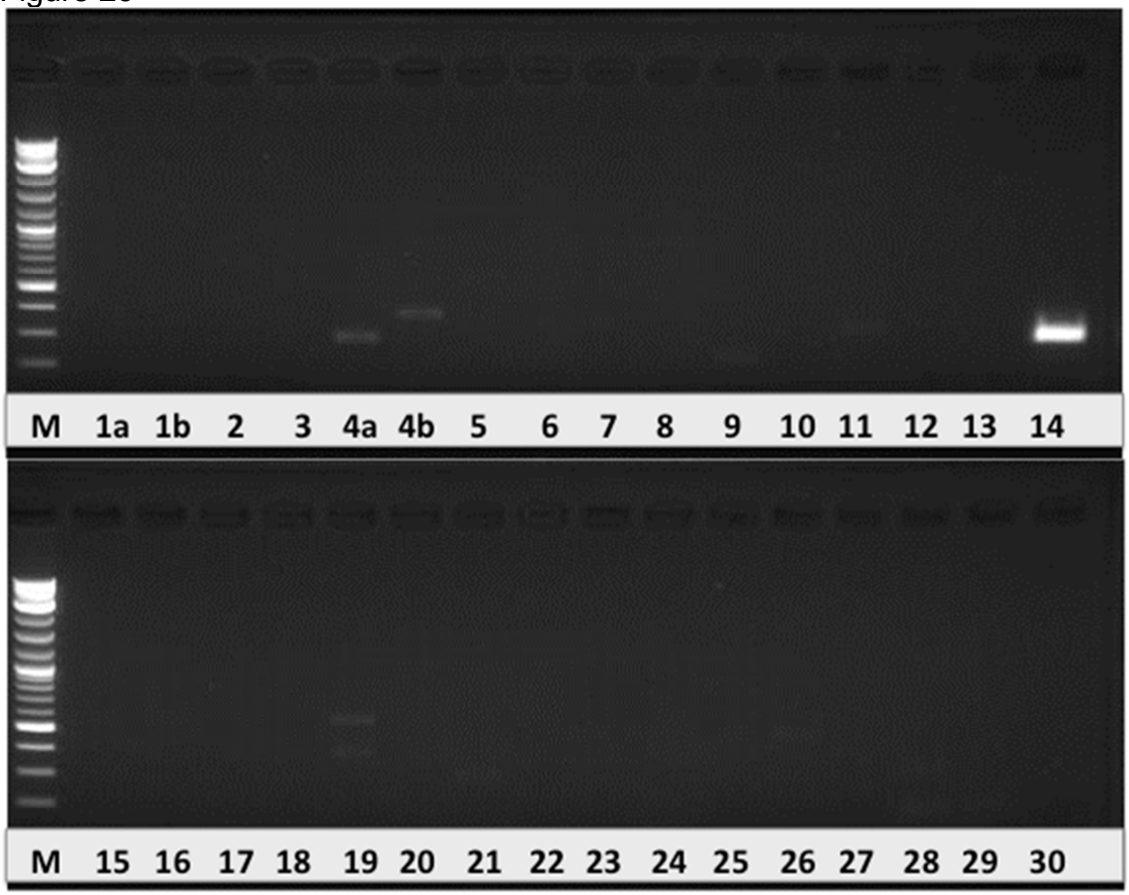

M 1a 1b 2 3 4a 4b 5 6 7 8 9 10 11 12 13 14
M 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Figure 24

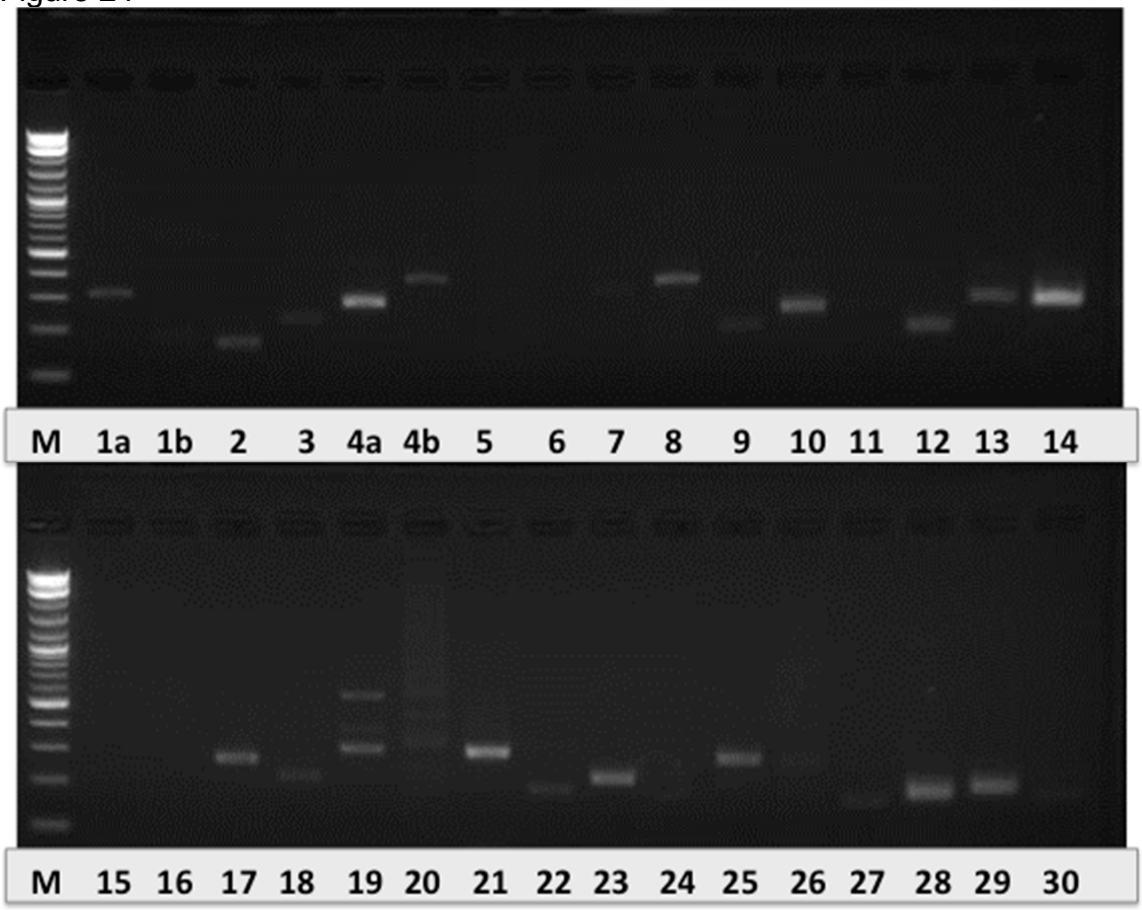

M 1a 1b 2 3 4a 4b 5 6 7 8 9 10 11 12 13 14
M 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

Figure 25

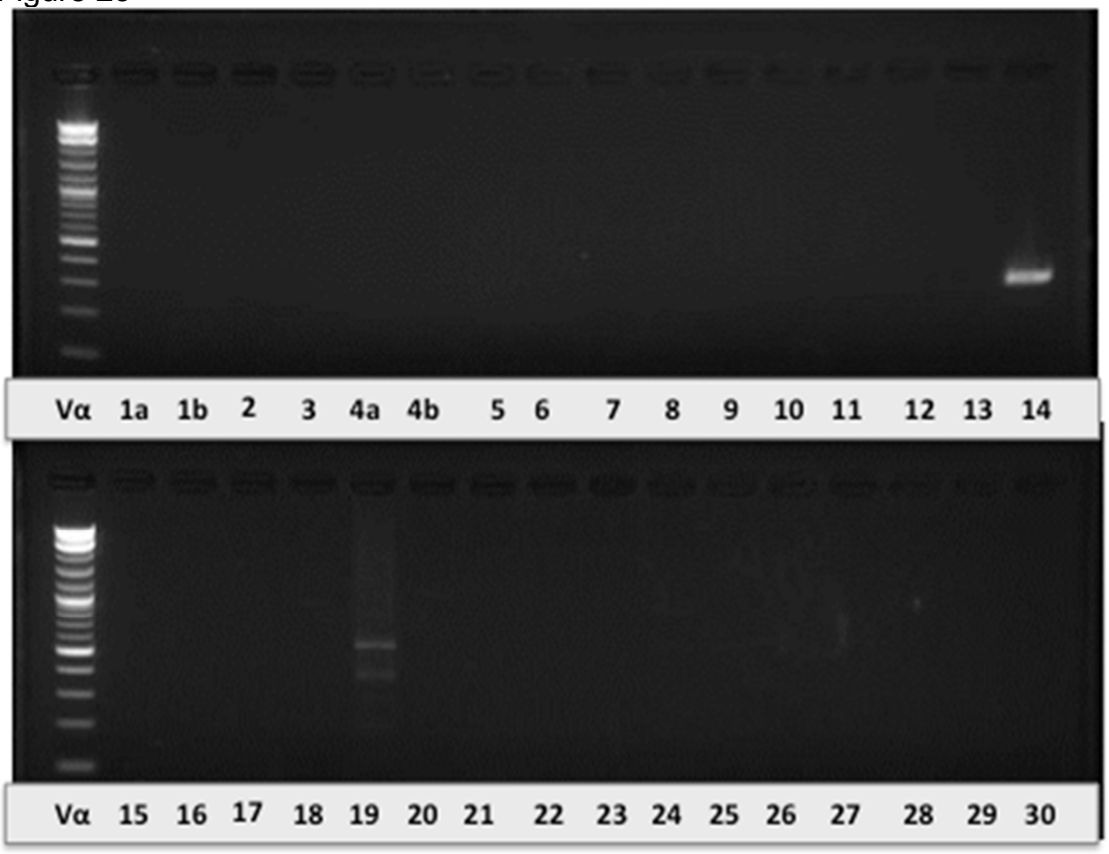


Figure 26

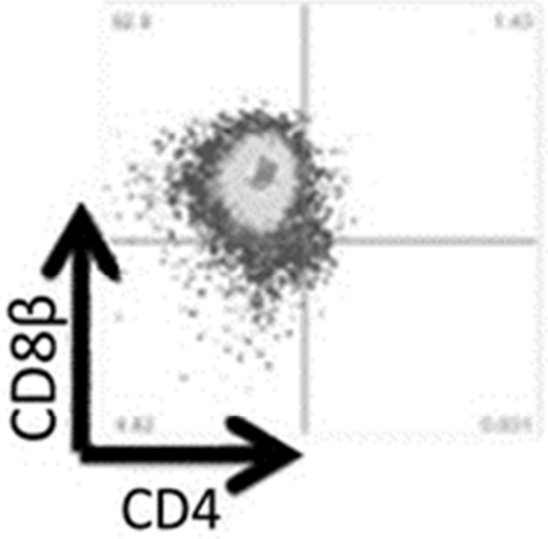


Figure 27

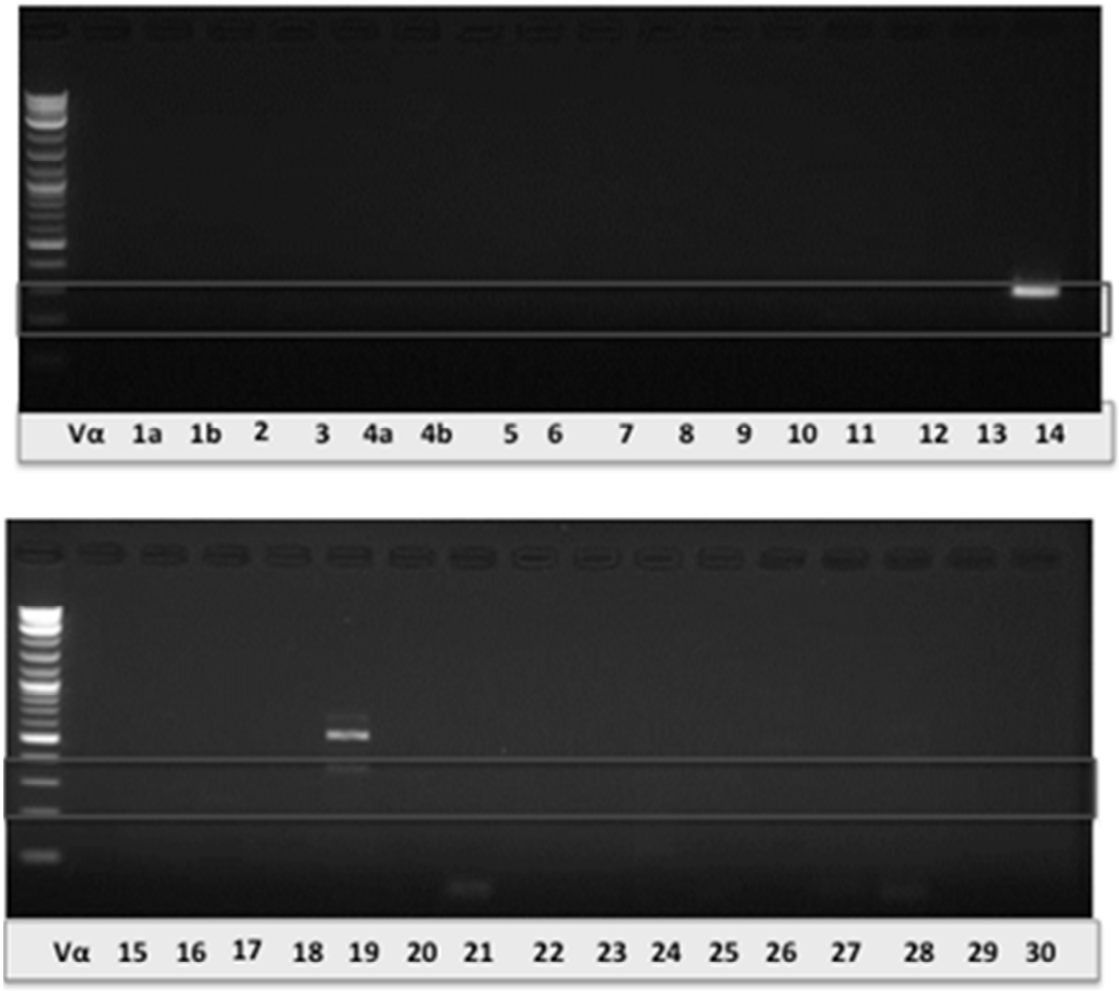


Figure 28

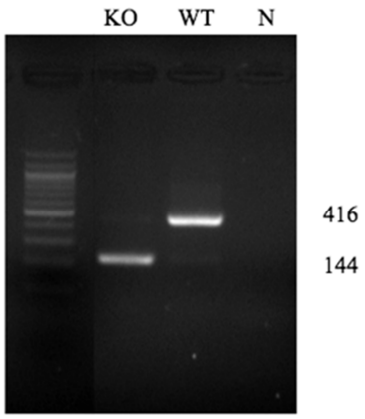


Figure 29

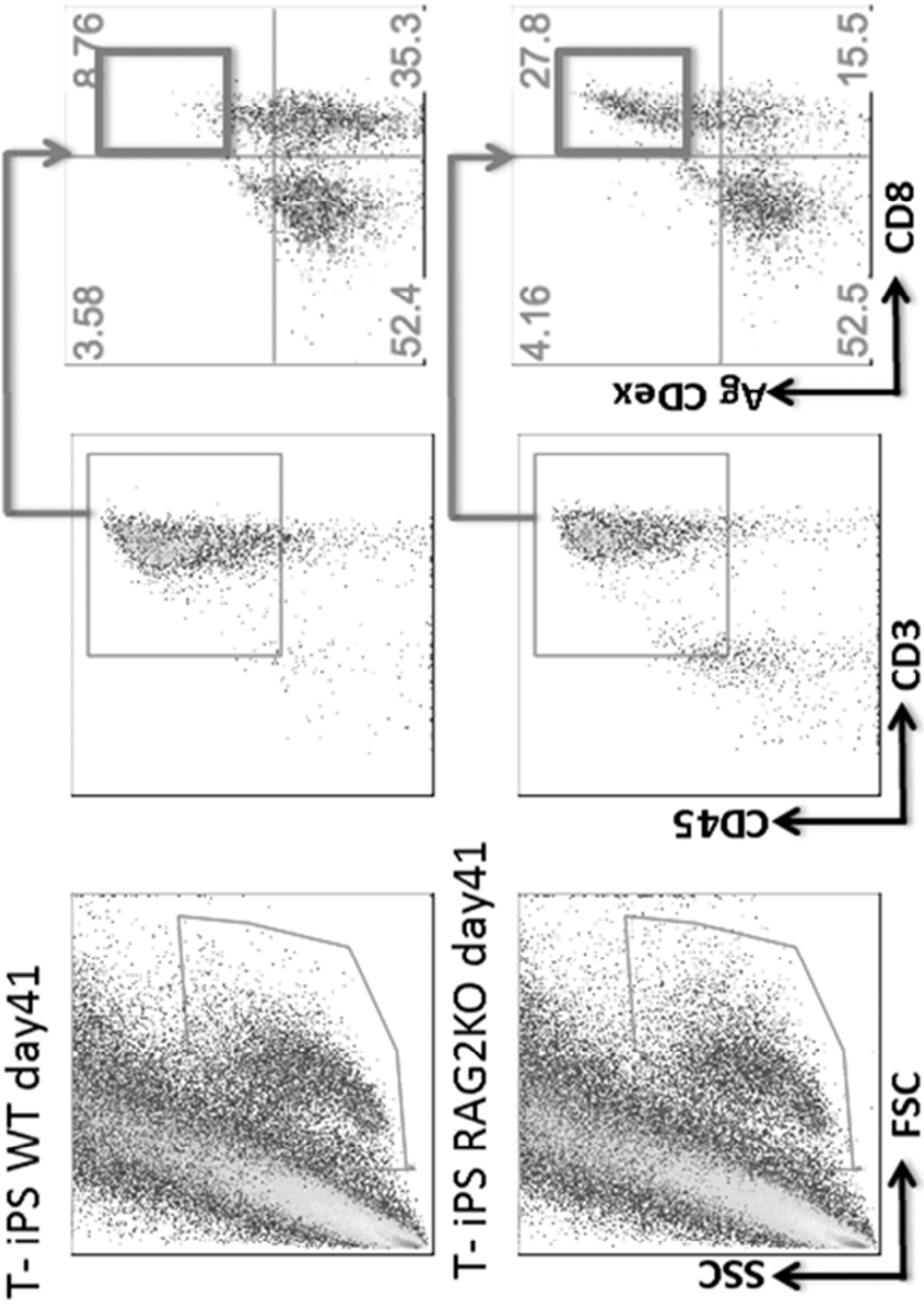
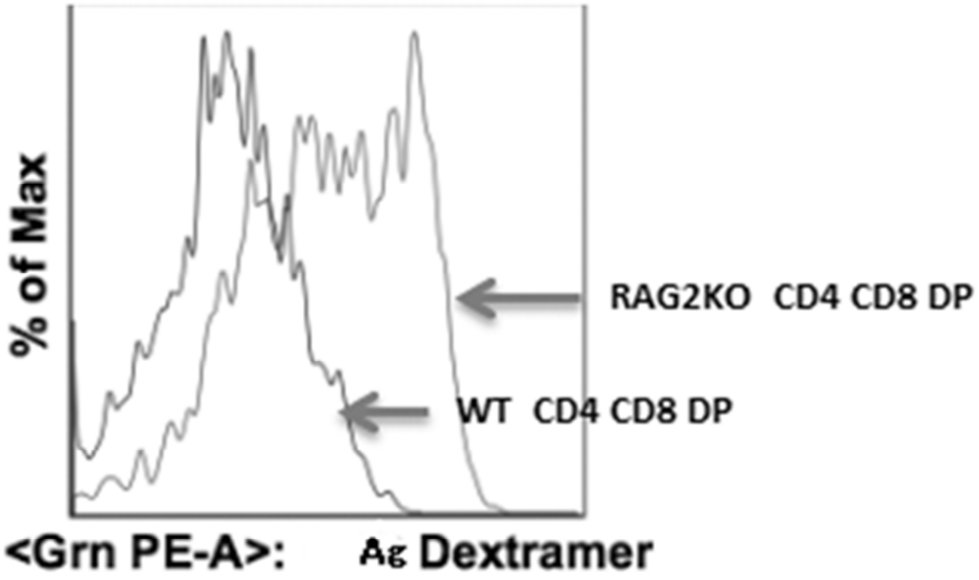

T- iPS WT day41
T- iPS RAG2KO day41
SSC
FSC
CD45
CD3
Ag CDex
CD8
8.76
35.3
3.58
52.4
27.8
15.5
4.16
52.5

Figure 30



SEQUENCE LISTING

<110> Kyoto University
AsTlym Co. Ltd.

<120> METHOD OF INDUCING T CELL FOR IMMUNE CELL THERAPY FROM PLURIPOTENT STEM CELL

<130> 672466

<150> US 62/026332
<151> 2014-07-18

<150> US 62/026341
<151> 2014-07-18

<160> 9

<170> PatentIn version 3.5

<210> 1
<211> 9
<212> PRT
<213> Homo sapiens

<400> 1

Ile Tyr Val Leu Val Met Leu Val Leu
1 5

<210> 2
<211> 9
<212> PRT
<213> Homo sapiens

<400> 2

Cys Tyr Thr Trp Asn Gln Met Asn Leu
1 5

<210> 3
<211> 23
<212> DNA
<213> Homo sapiens

<400> 3
ggttatgctt tacatccaga tgg 23

<210> 4
<211> 25
<212> DNA
<213> Homo sapiens

<400> 4
caccgattaa tgtggtgtac agccg 25

<210> 5
<211> 25
<212> DNA
<213> Homo sapiens

<400> 5
aaaccggctg tacaccacat taatc 25

<210> 6
<211> 24
<212> DNA
<213> Homo sapiens

<400> 6
caccgttggc aggccggata ttat 24

<210> 7
<211> 24
<212> DNA
<213> Homo sapiens

<400> 7
aaacataata tccggcctgc caac 24

<210> 8
<211> 23
<212> DNA
<213> Homo sapiens

<400> 8
cccaaaagat cctgccccac tgg 23

<210> 9
<211> 23
<212> DNA
<213> Homo sapiens

<400> 9
agtcaggatt gcactggaga cag 23