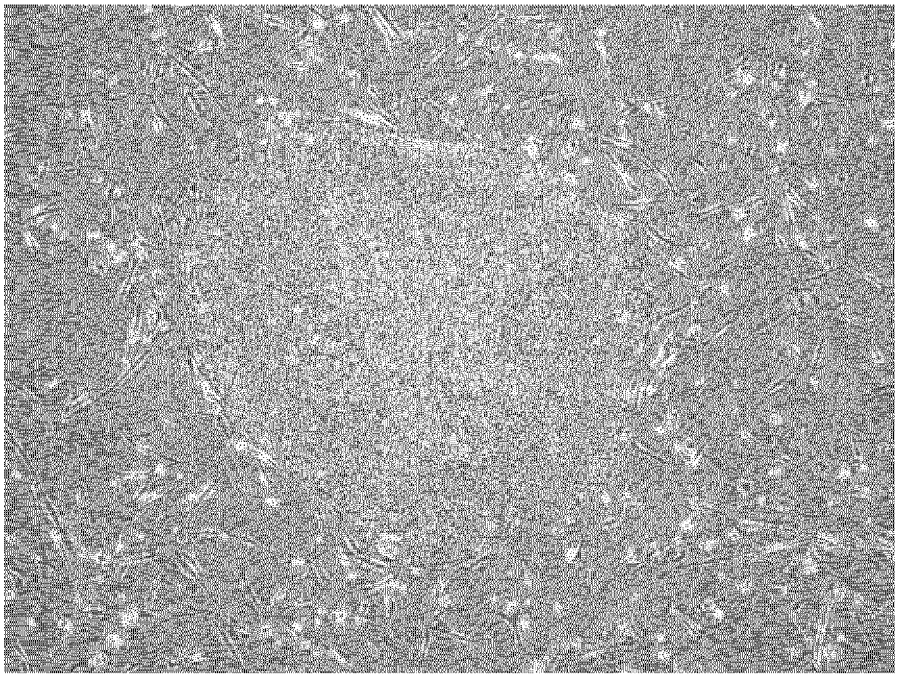
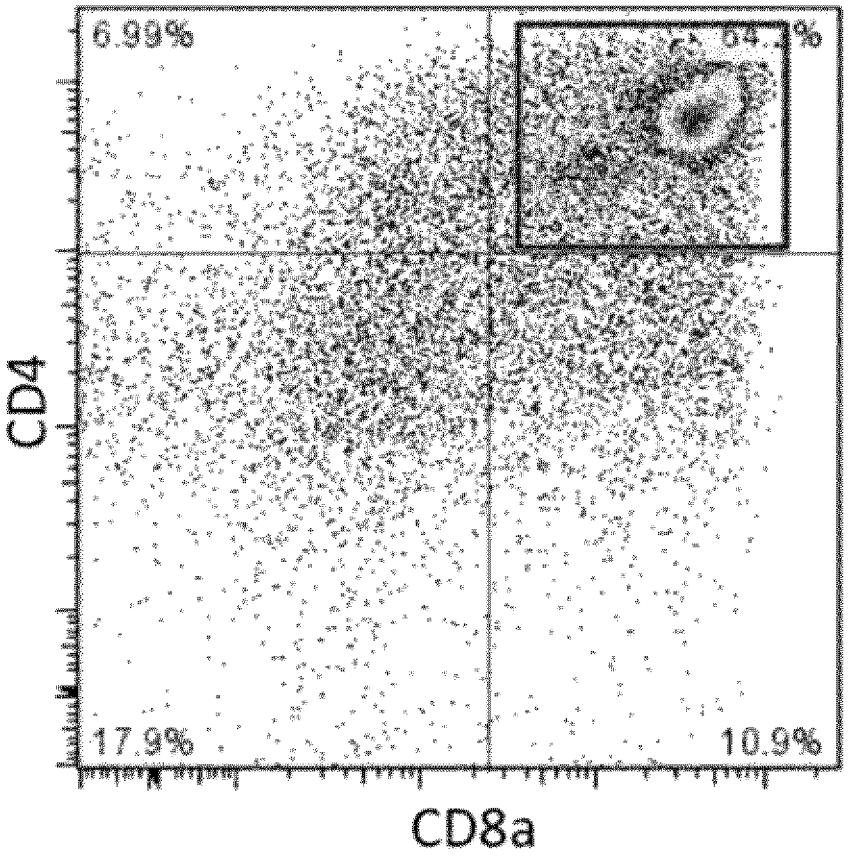
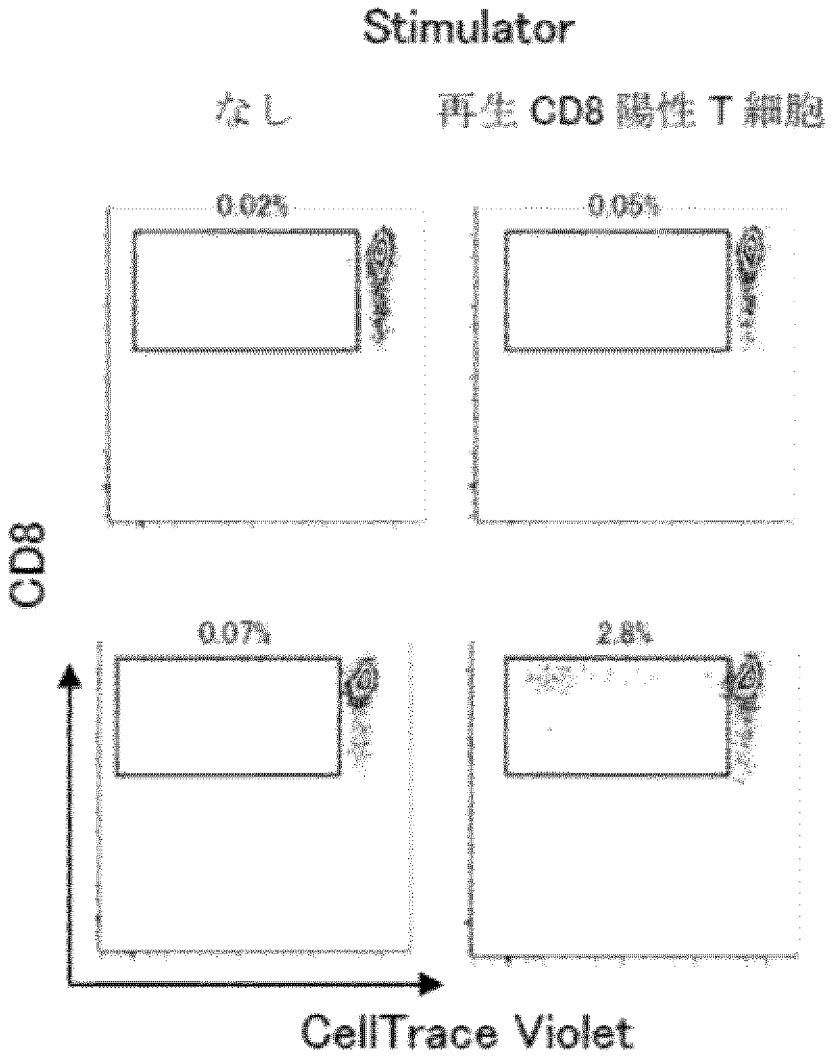
[図1]



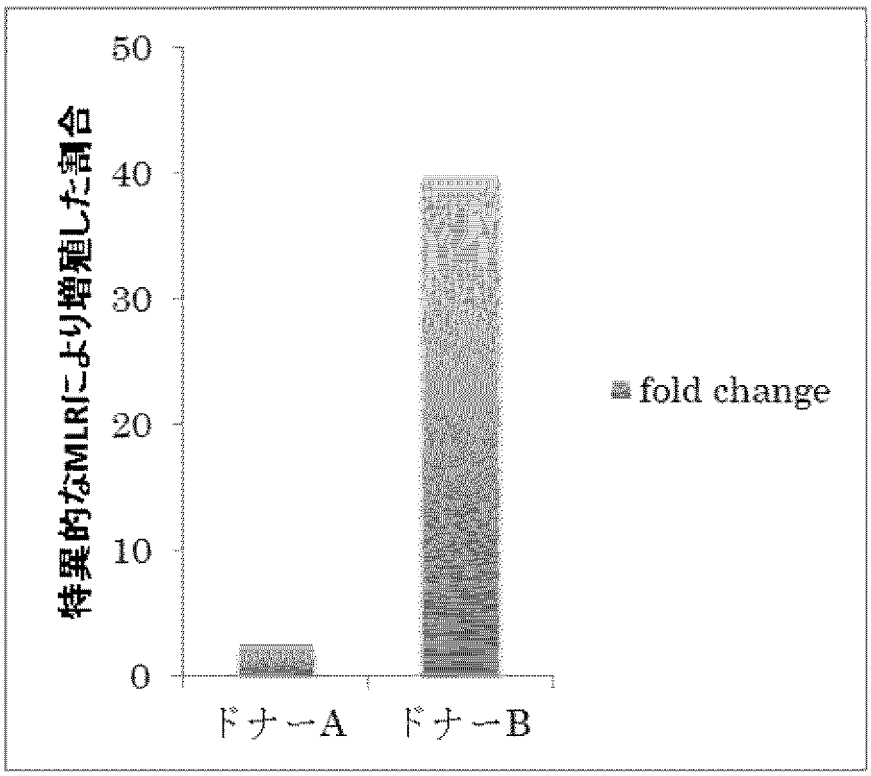
[図2]



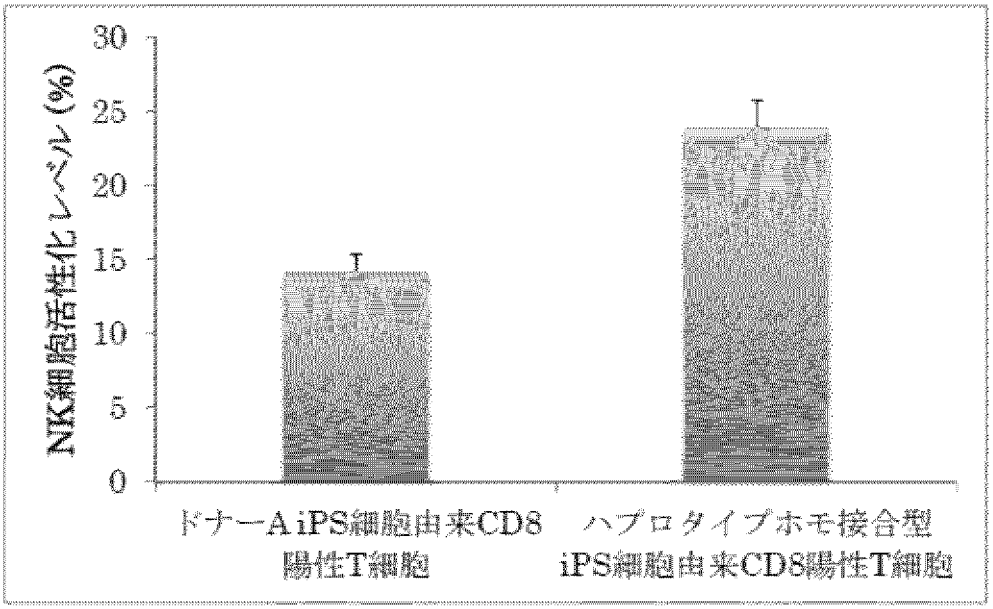
[図3]


Stimulator
なし
再生 CD8 陽性 T 細胞
0.02%
0.05%
0.07%
2.6%
CD8
CellTrace Violet

[図4]

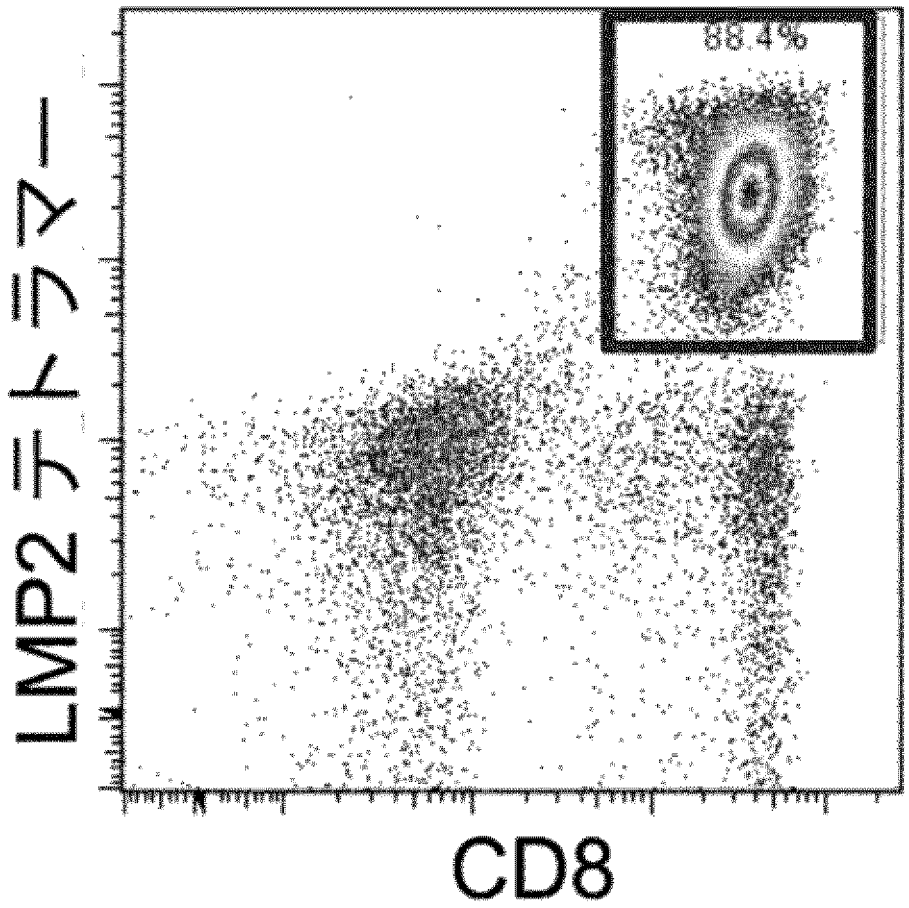


[図5]

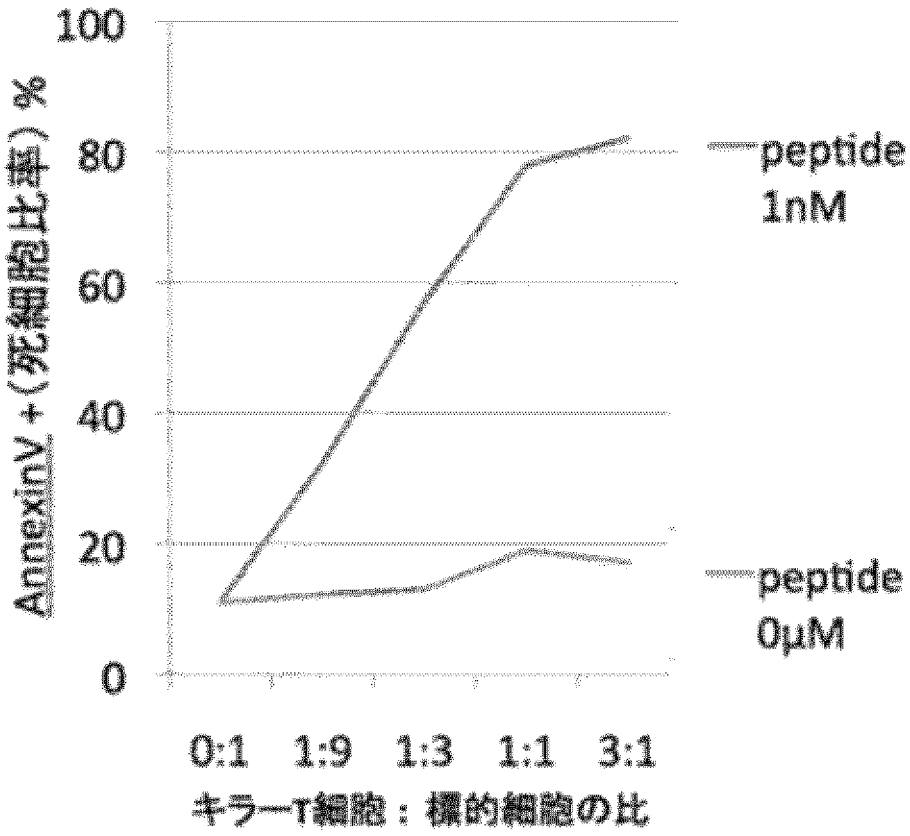


P value = 0.029

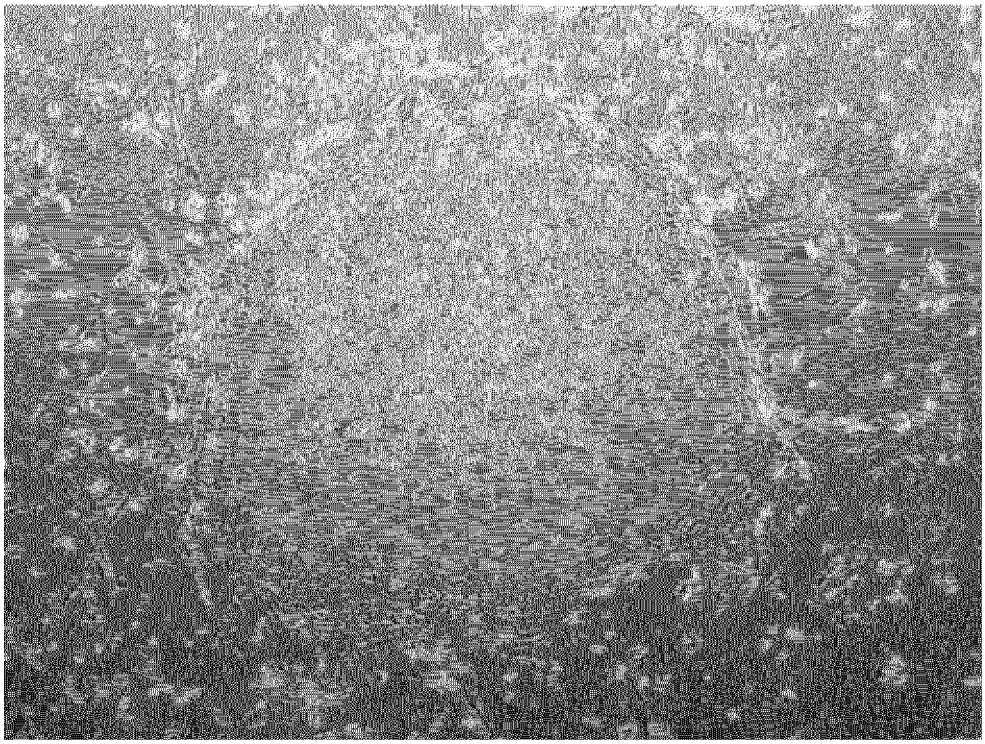
[図6]


68.4%
LMP2 テトラマー
CD8

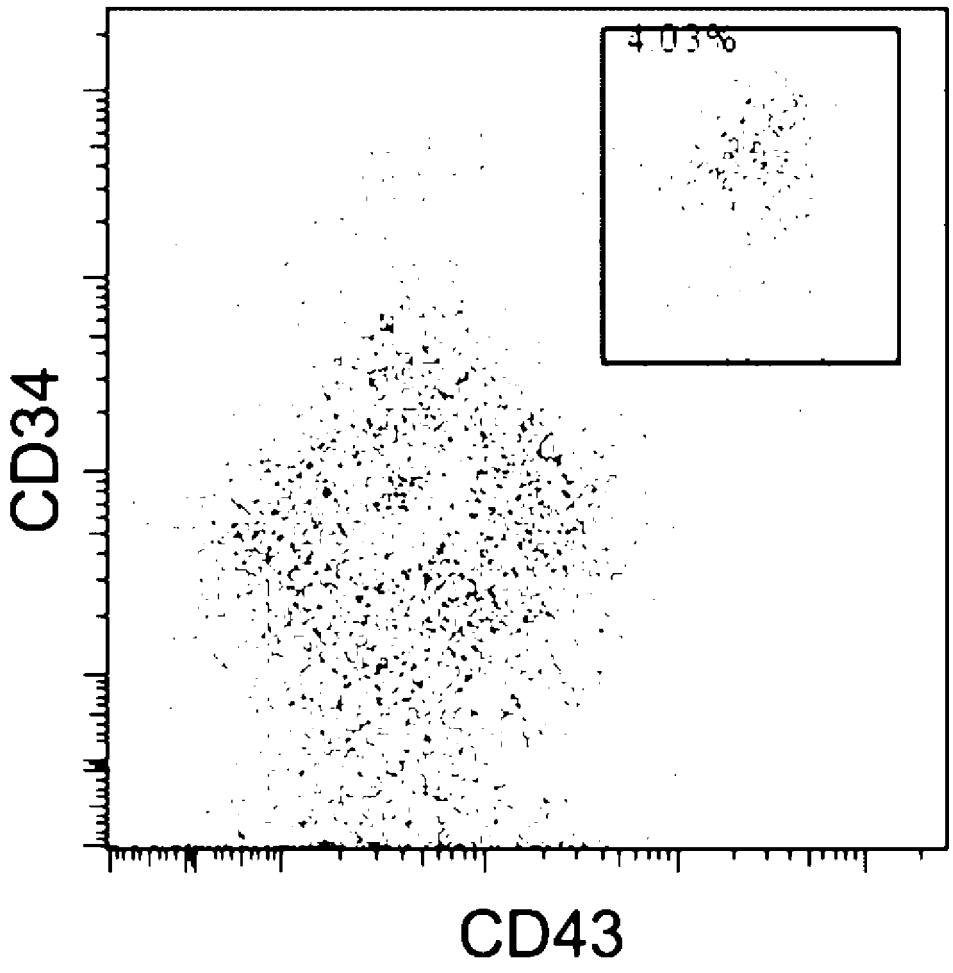
[図7]


100
80
60
40
20
0
AnnexinV +（死細胞比率）%
peptide 1nM
peptide 0μM
0:1
1:9
1:3
1:1
3:1
キラーT細胞：標的細胞の比

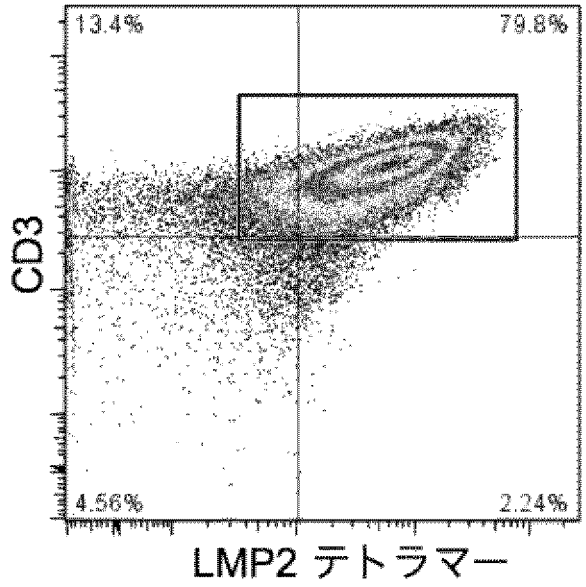
[図8]



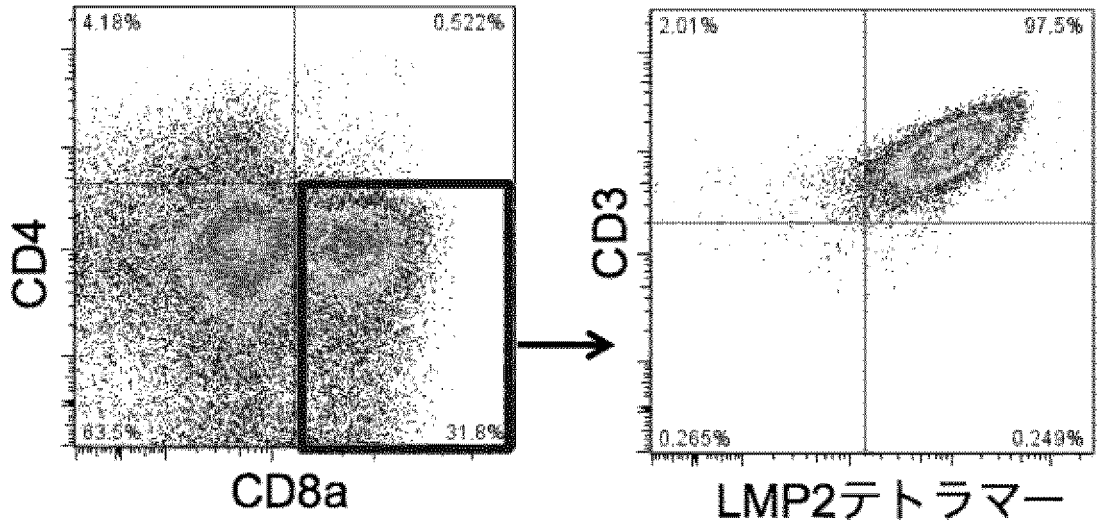
[図9]



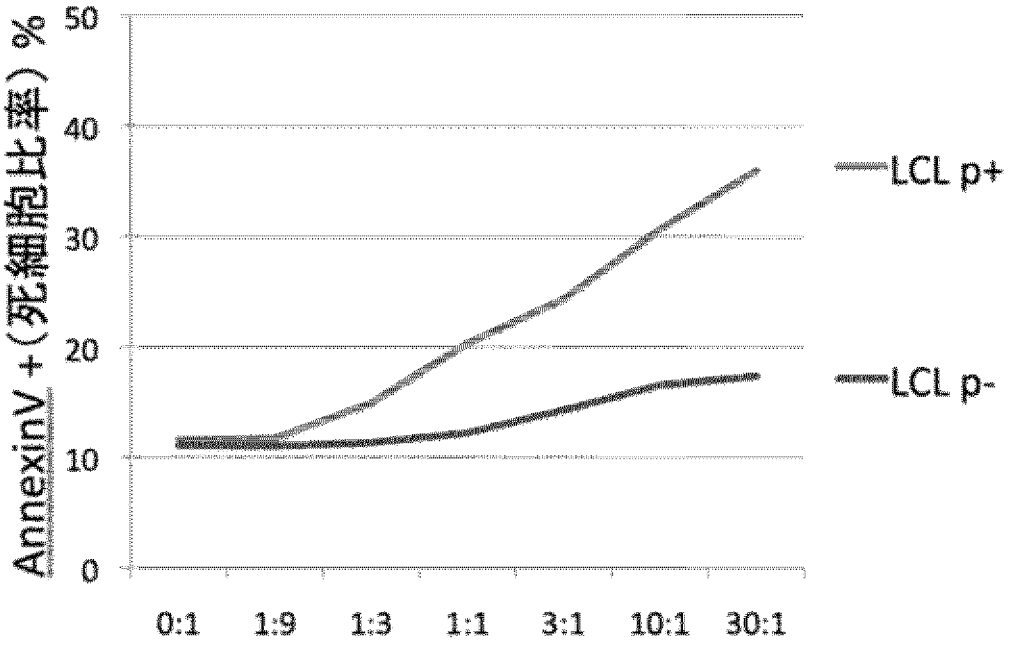
[図10]


13.4%
79.8%
4.56%
2.24%
CD3
LMP2 テトラマー

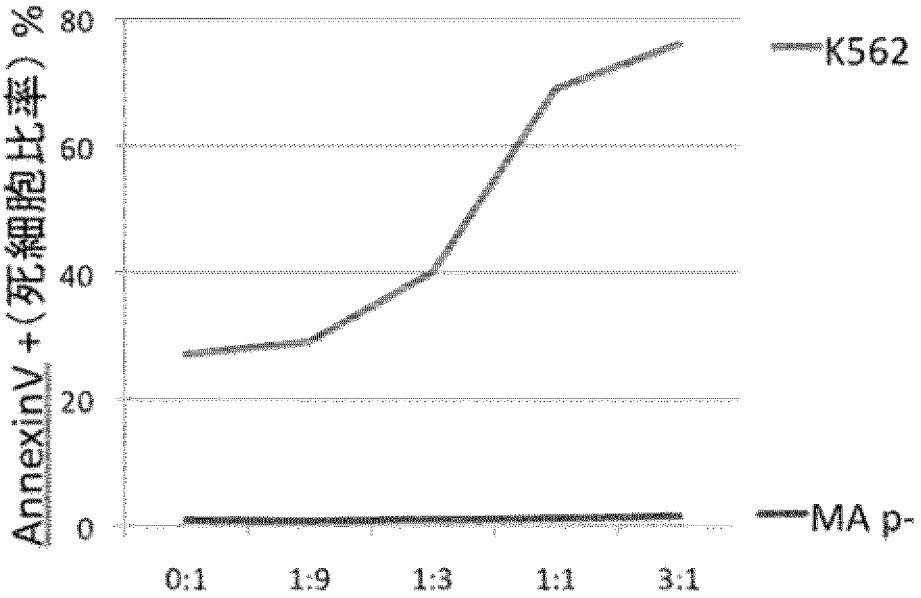
[図11]


4.18%
0.522%
63.5%
31.8%
CD4
CD8a
2.01%
97.5%
0.265%
0.249%
CD3
LMP2テトラマー

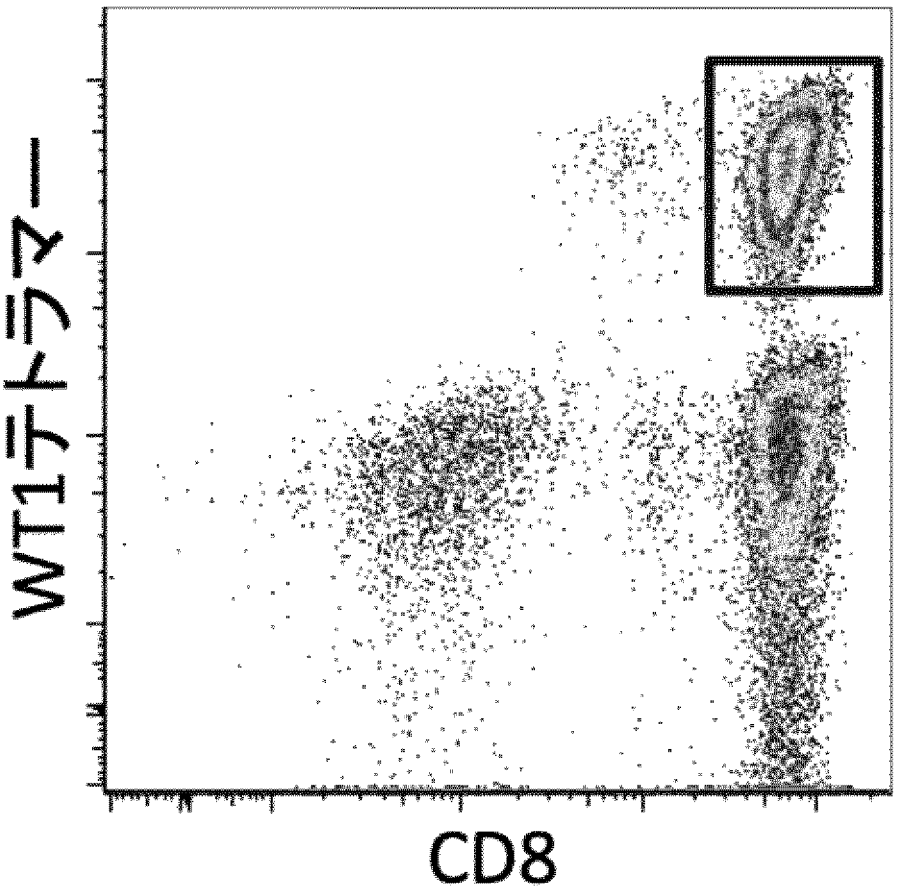
[図12]


AnnexinV +（死細胞比率）%
50
40
30
20
10
0
0:1
1:9
1:3
1:1
3:1
10:1
30:1
LCL p+
LCL p-

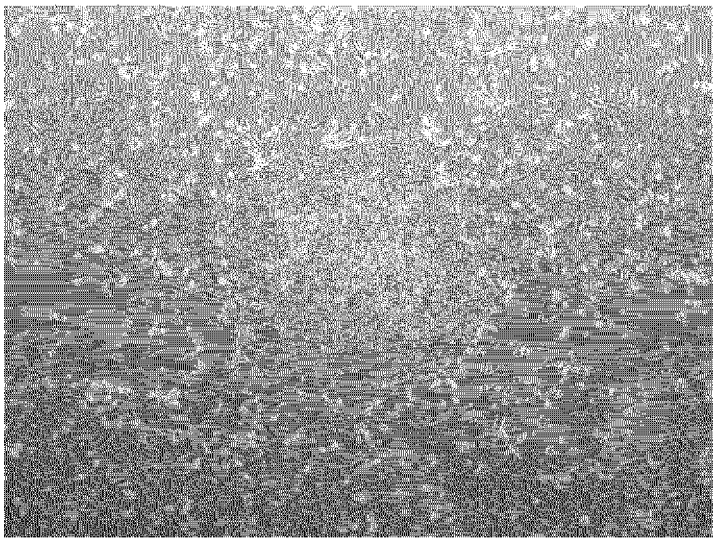
[図13]


AnnexinV +（死細胞比率）%
80
60
40
20
0
K562
MA p-
0:1
1:9
1:3
1:1
3:1

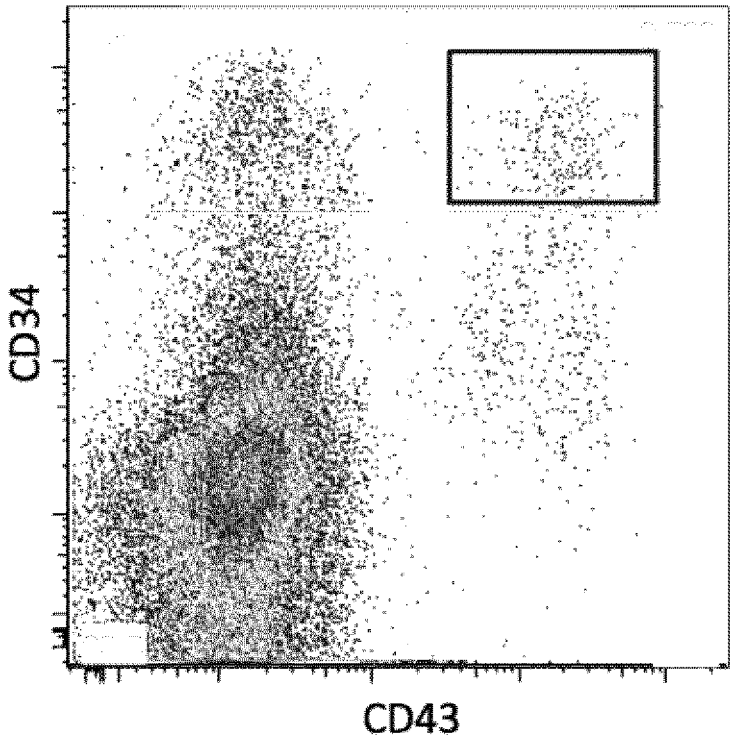
[図14]


WT1テトラマー
CD8

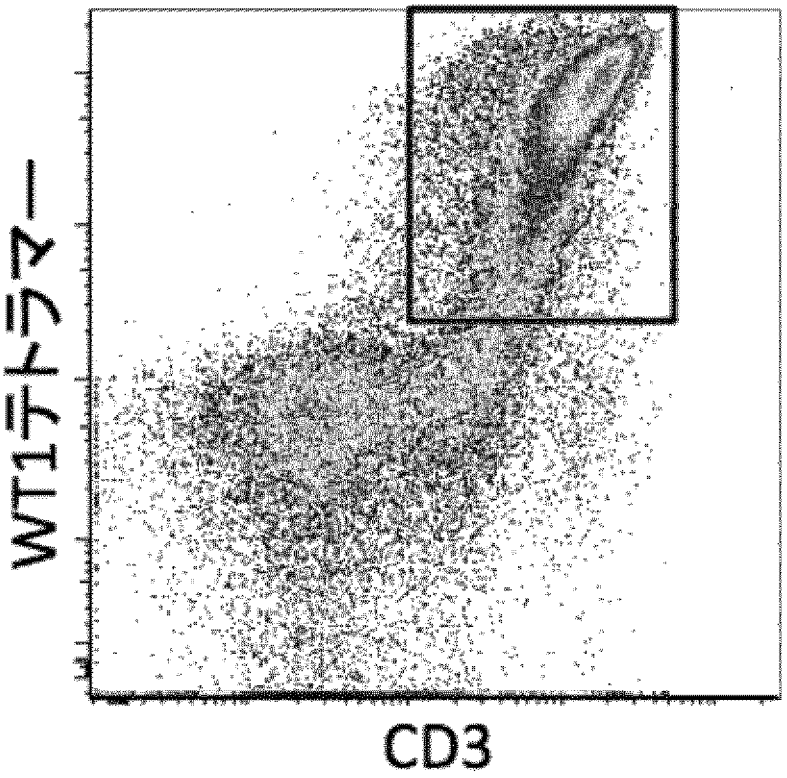
[図15]



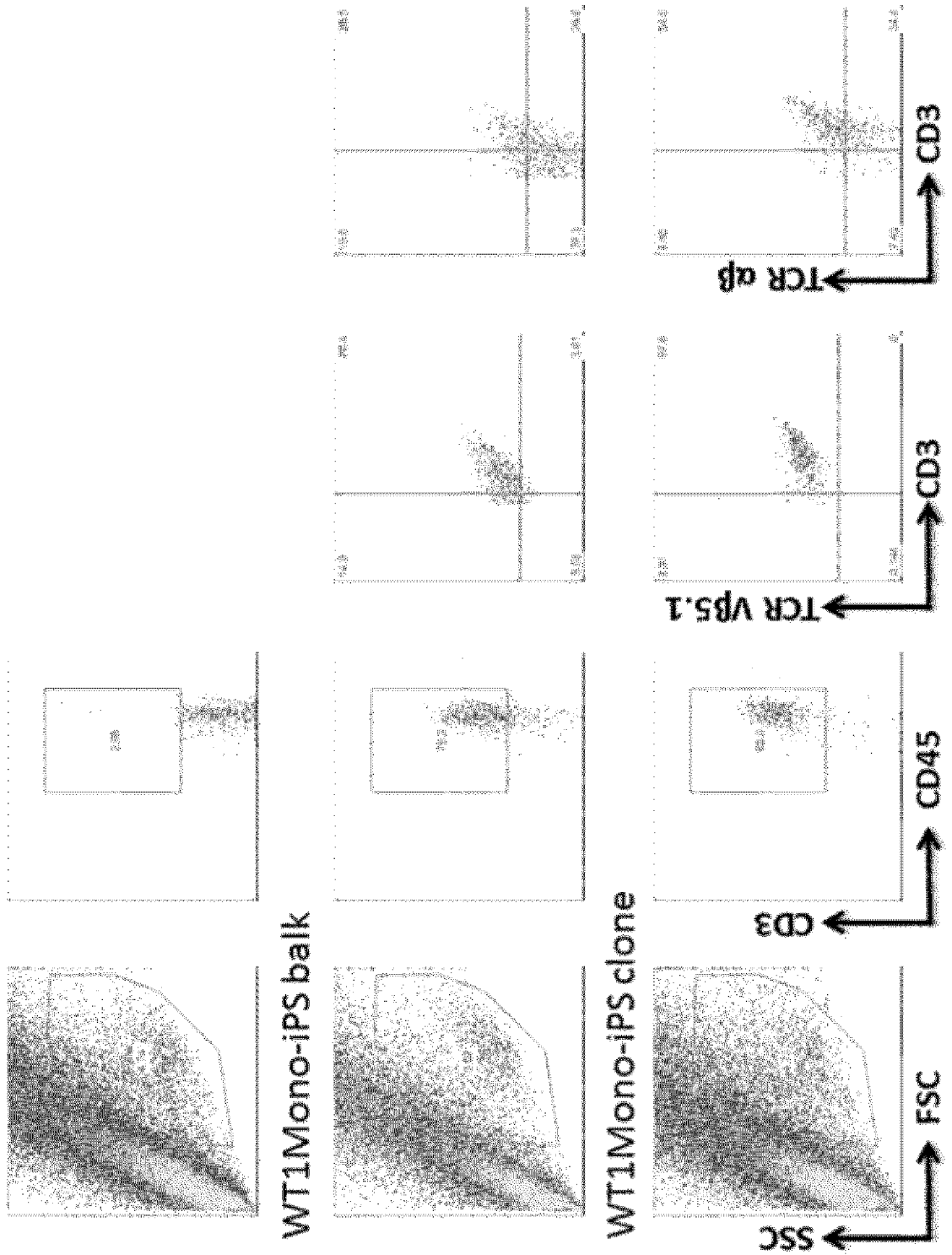
[図16]



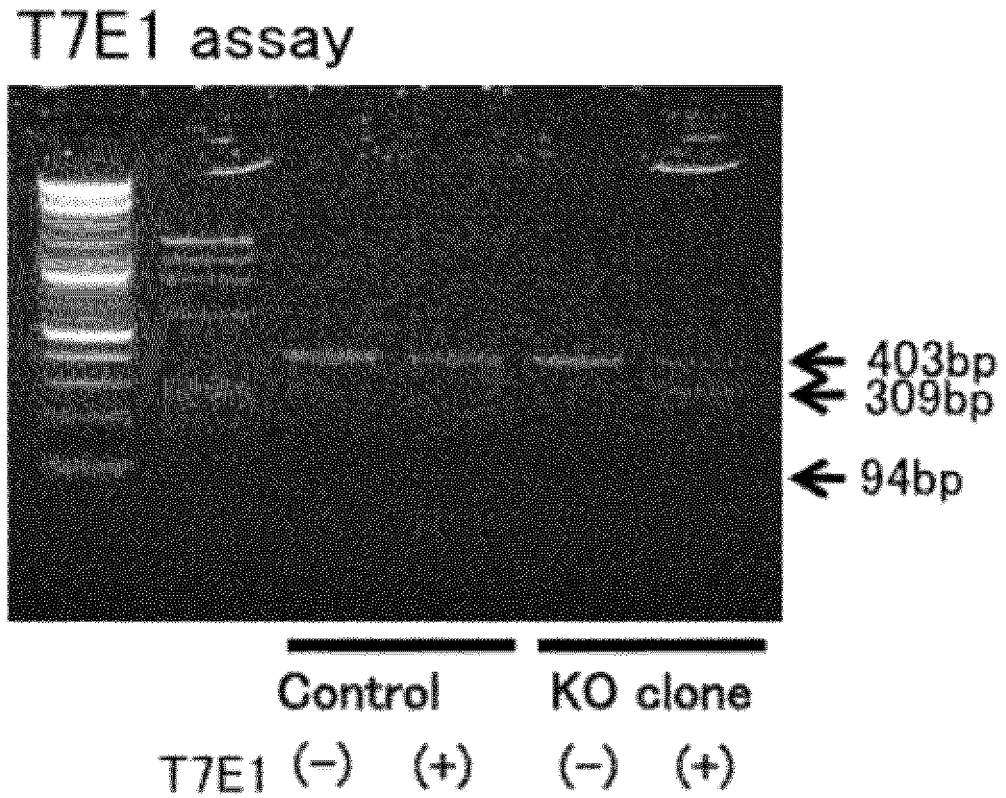
[図17]



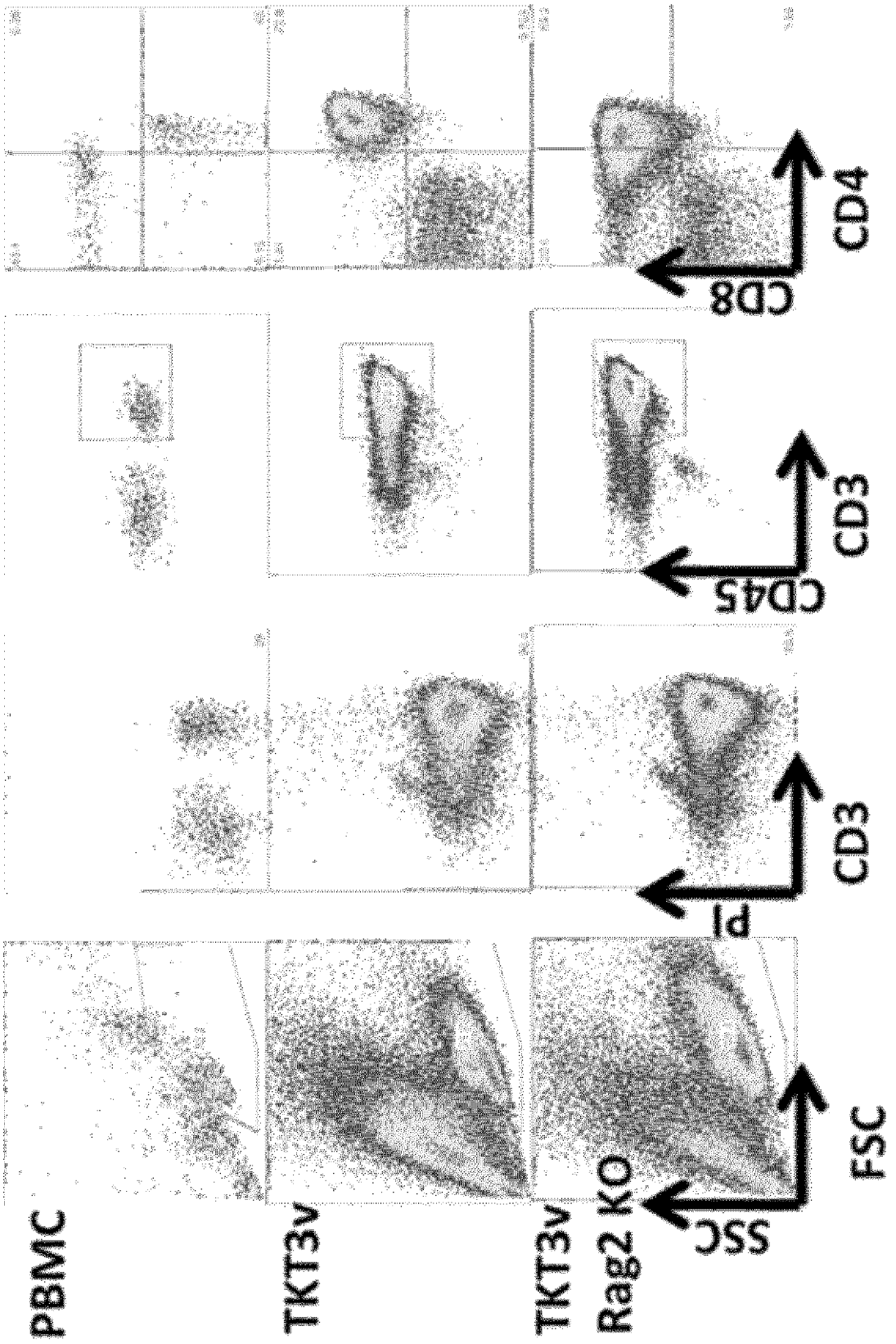
[図18]


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

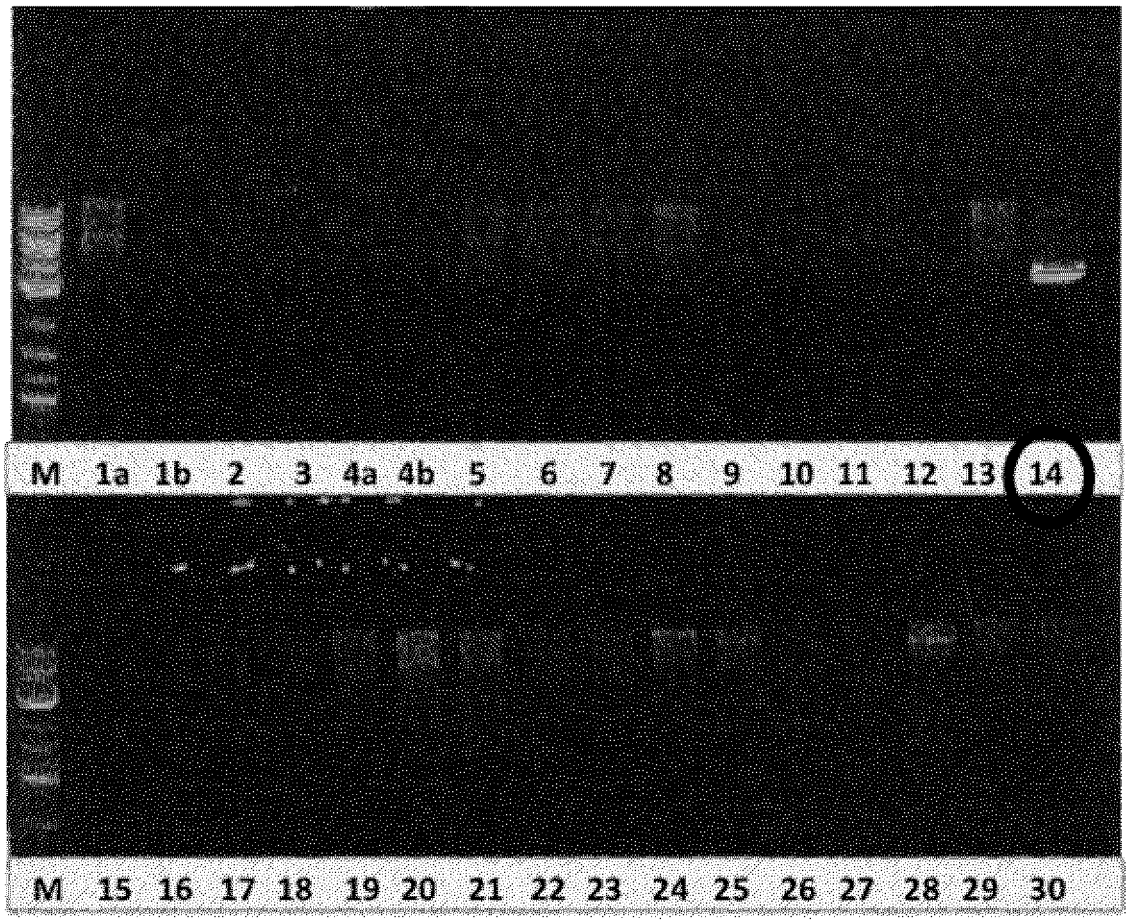
[図19]



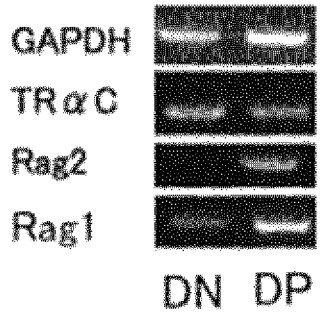
[図20]



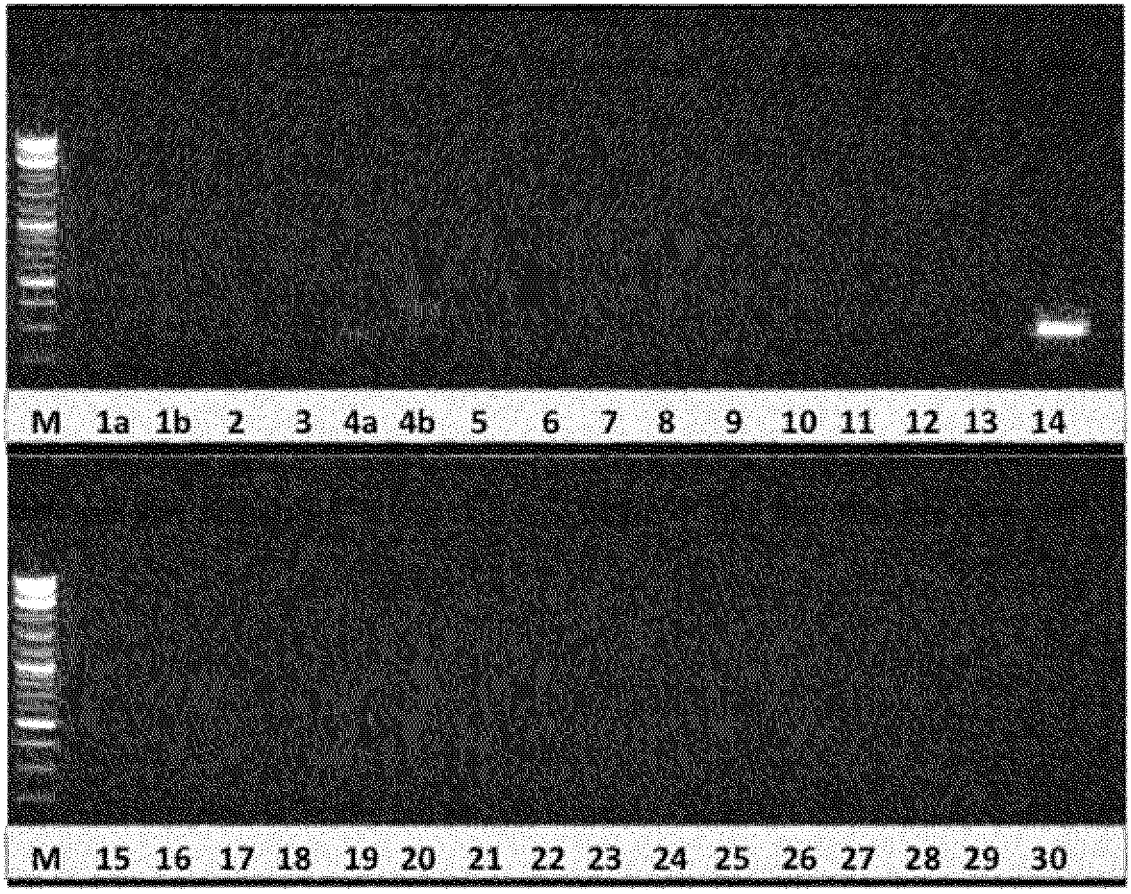
[図21]


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

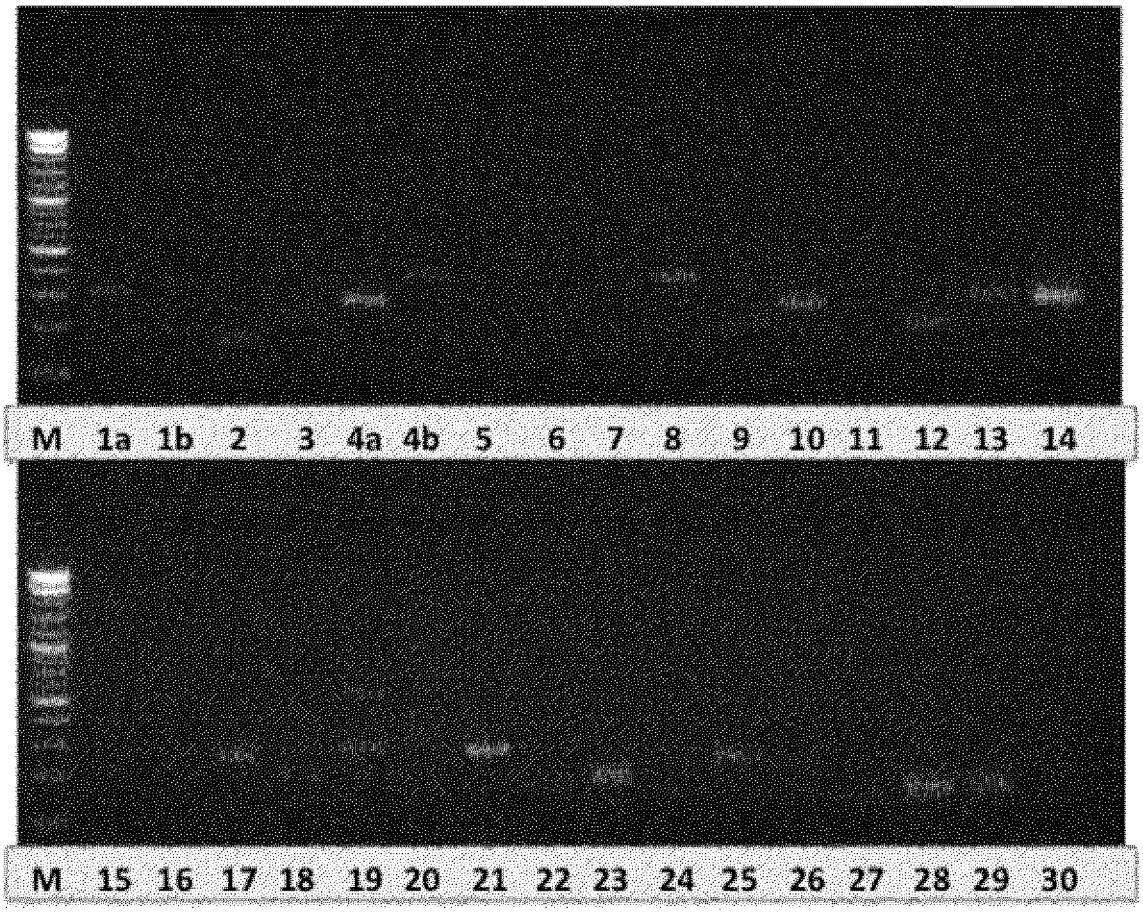
[図22]


GAPDH
TRαC
Rag2
Rag1
DN DP

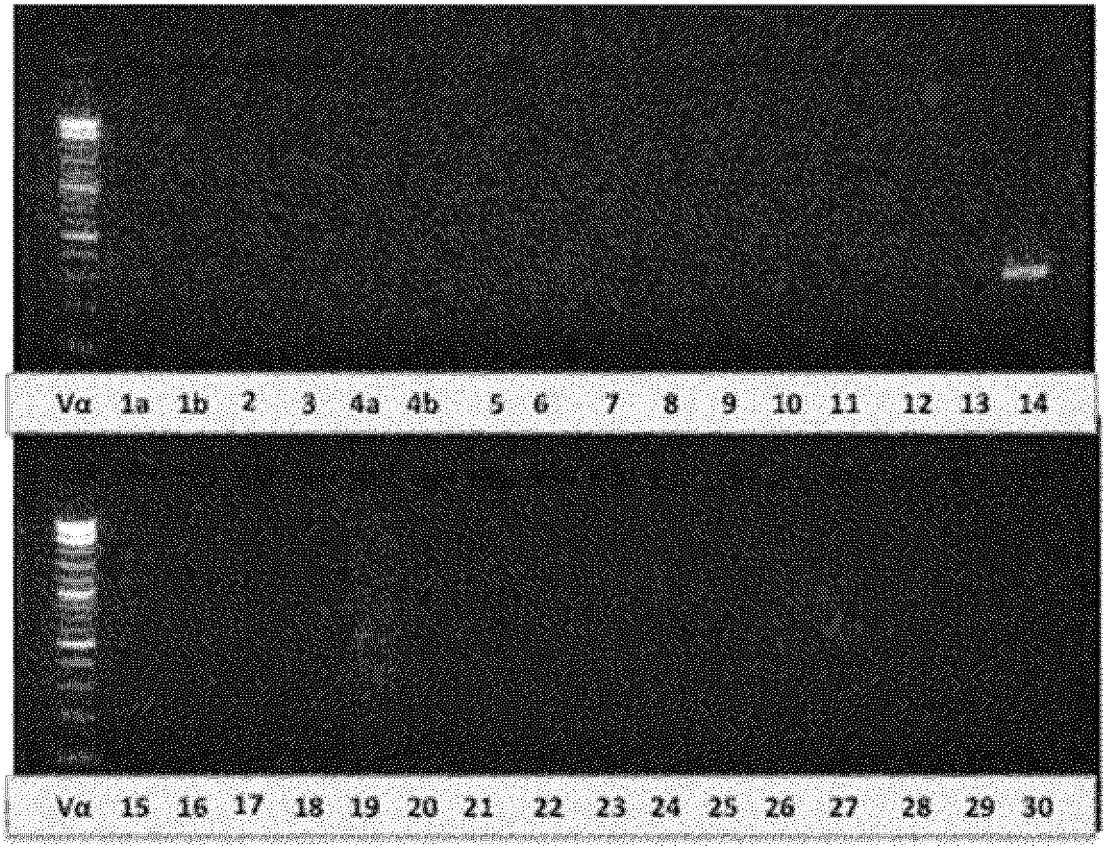
[図23]


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

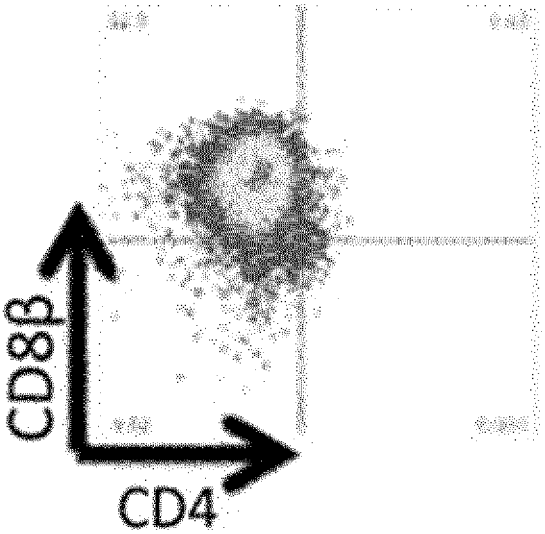
[図24]


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

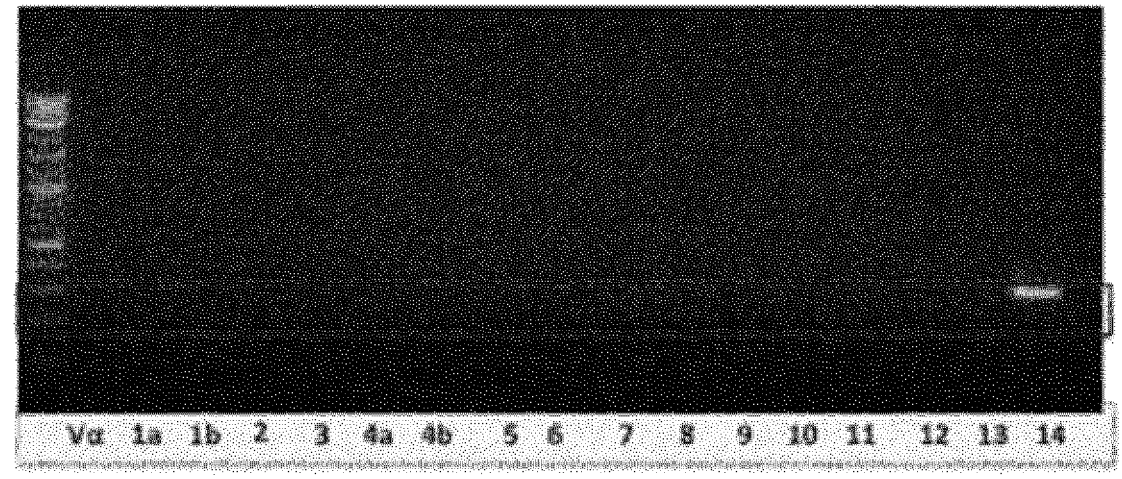
[図25]

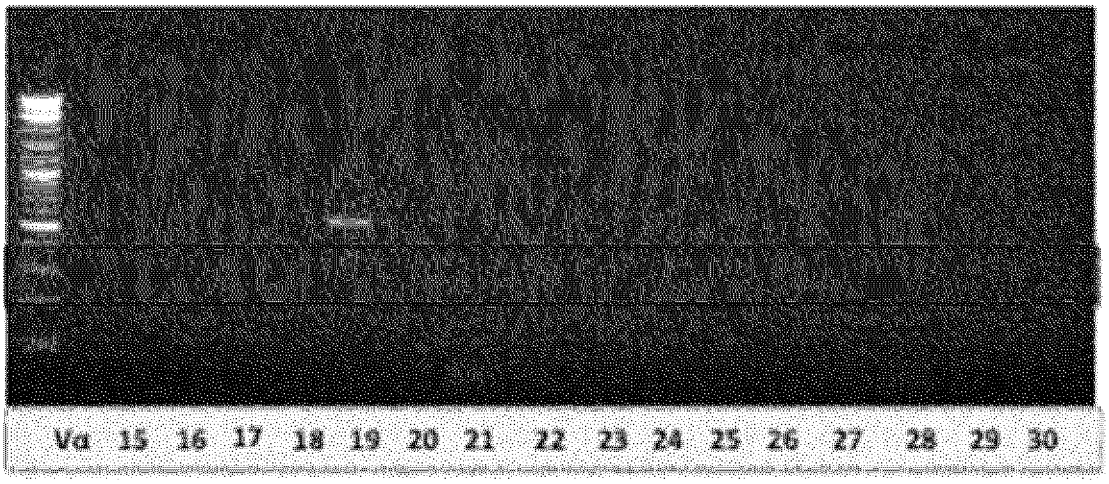

Vα 1a 1b 2 3 4a 4b 5 6 7 8 9 10 11 12 13 14
Vα 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

[図26]

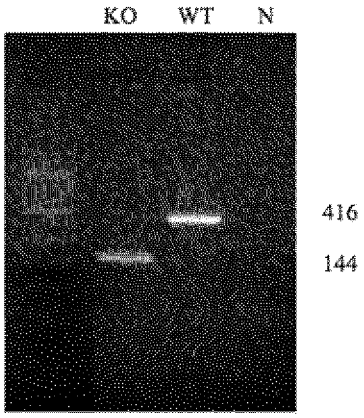

CD8β
CD4

[図27]

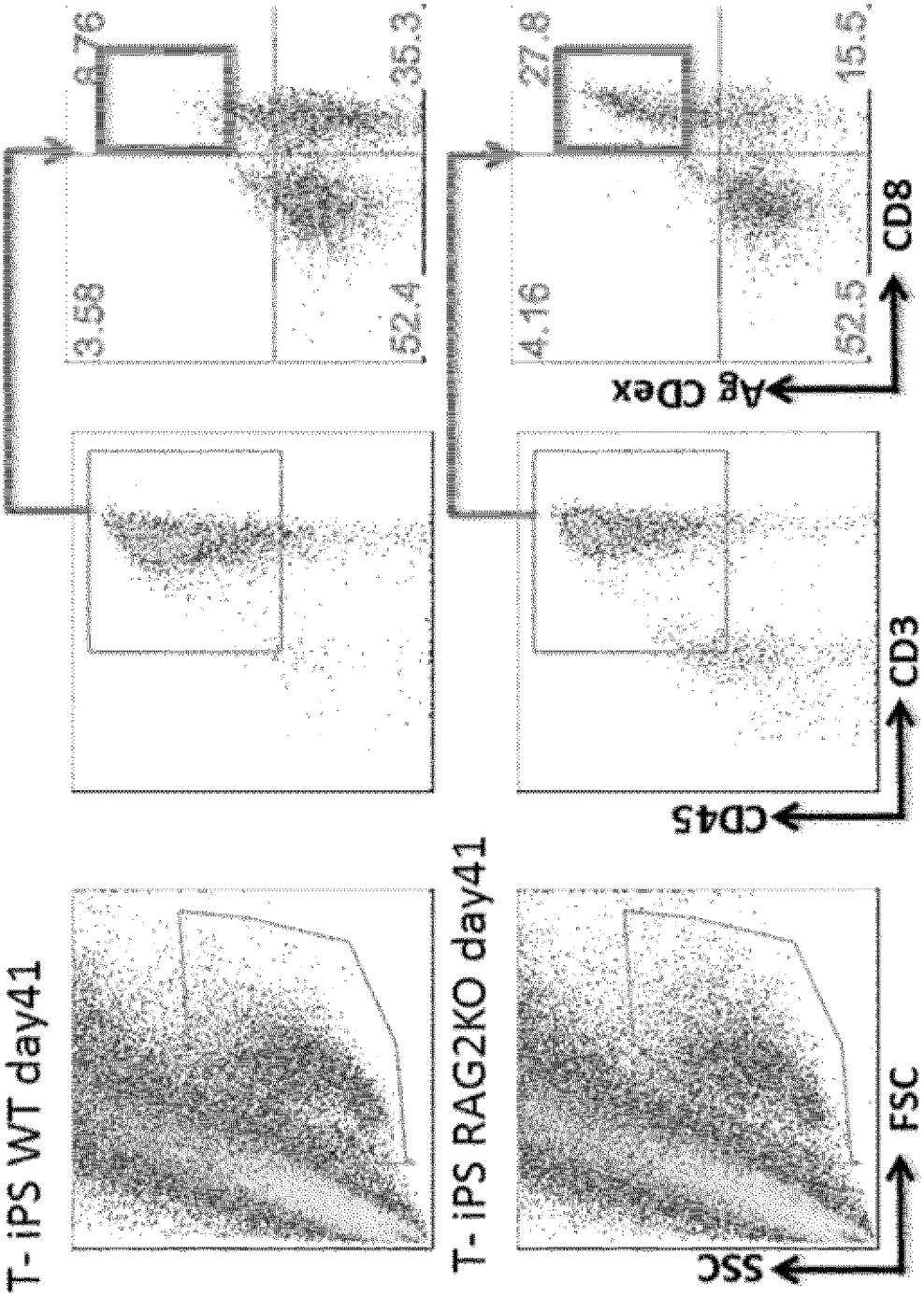

Vα 1a 1b 2 3 4a 4b 5 6 7 8 9 10 11 12 13 14


Vα 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30

[図28]


KO
WT
N
416
144

[図29]


T- iPS WT day41
T- iPS RAG2KO day41
SSC
FSC
CD45
CD3
Ag CDex
CD8
3.58
52.4
9.76
35.3
4.16
62.5
27.8
15.5

[図30]

