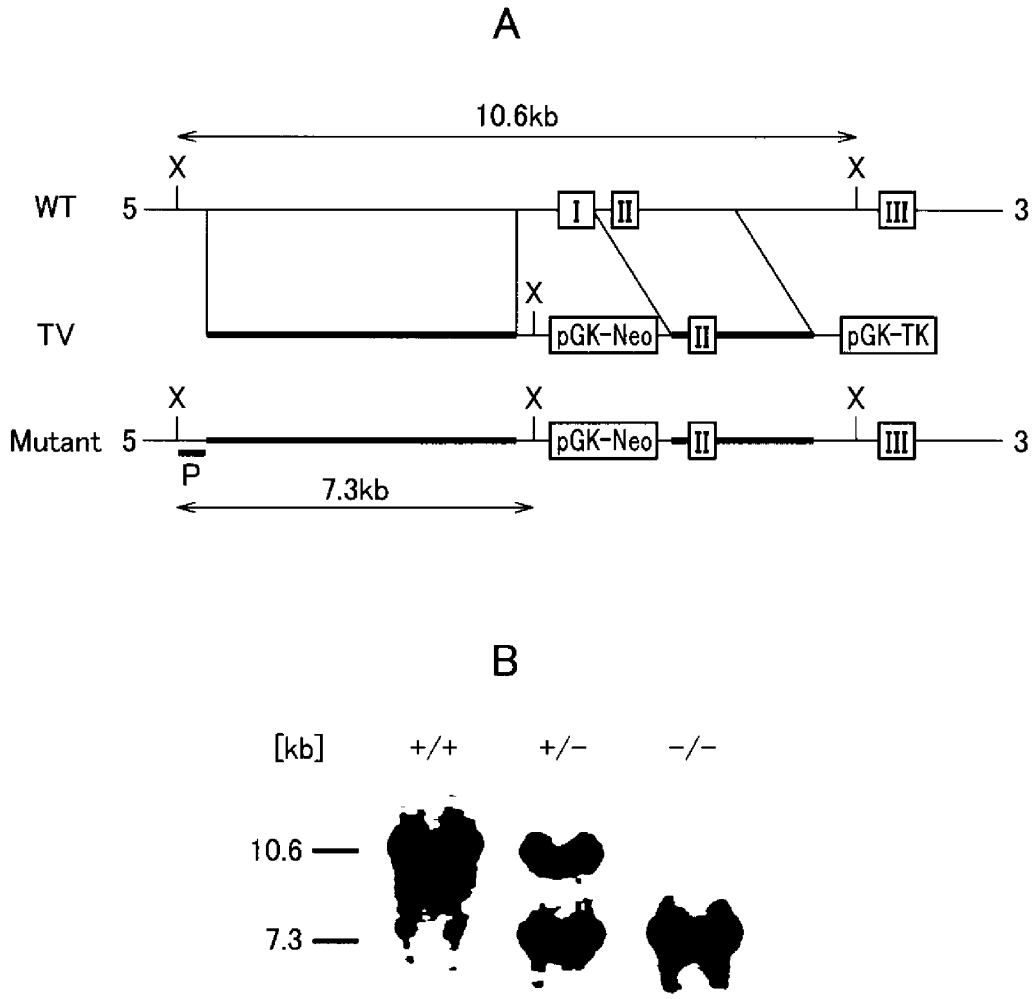
WO 2017/038997 PCT/JP2016/075887

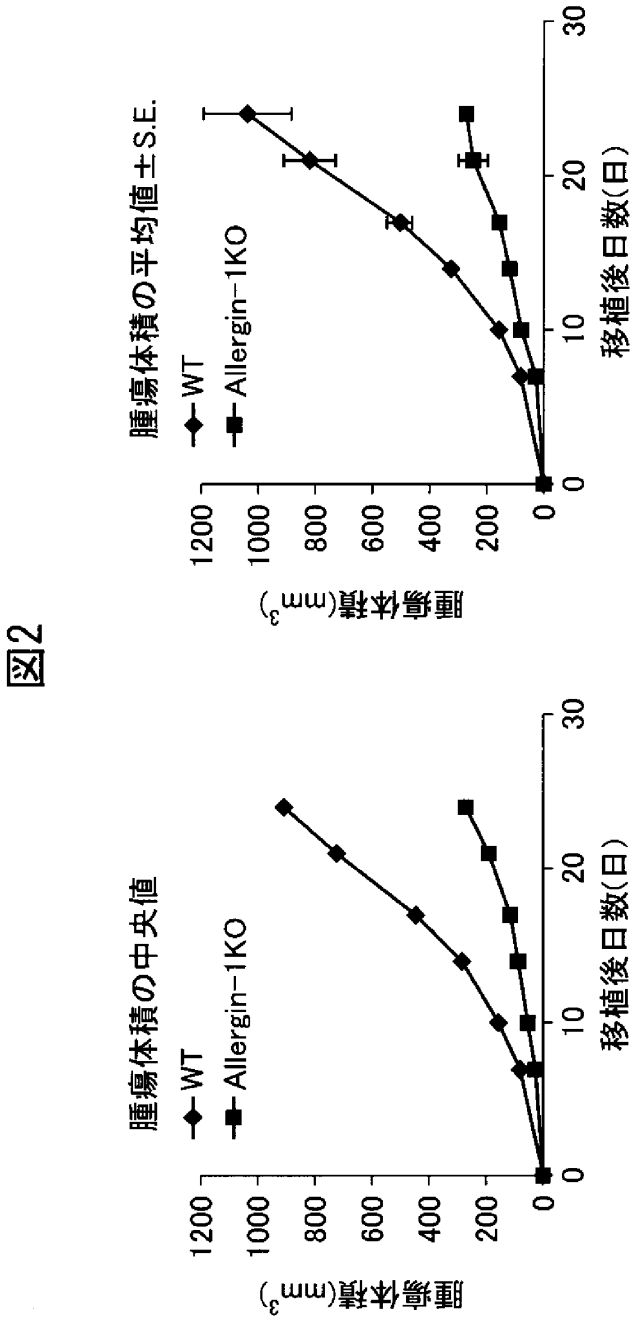
[図1]

図1



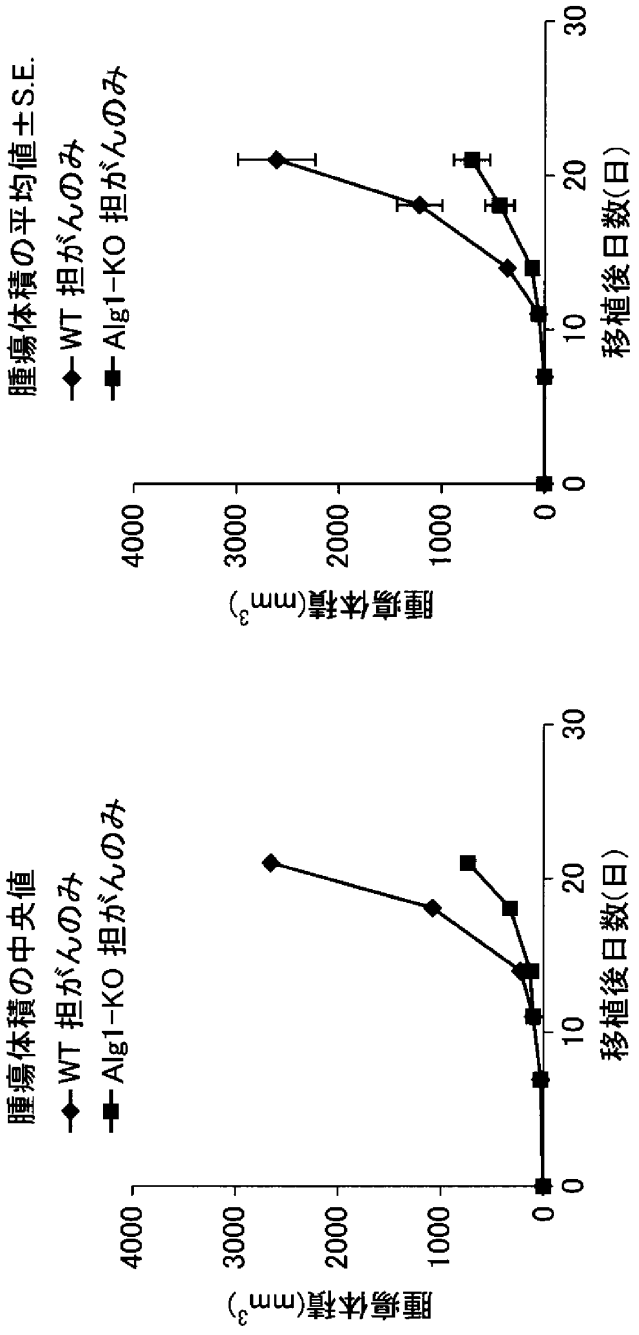
[図2]

図2


腫瘍体積の平均値±S.E.
WT
Allergin-1KO
腫瘍体積(mm3)
移植後日数(日)
0
200
400
600
800
1000
1200
0
10
20
30
腫瘍体積の中央値
WT
Allergin-1KO
腫瘍体積(mm3)
移植後日数(日)

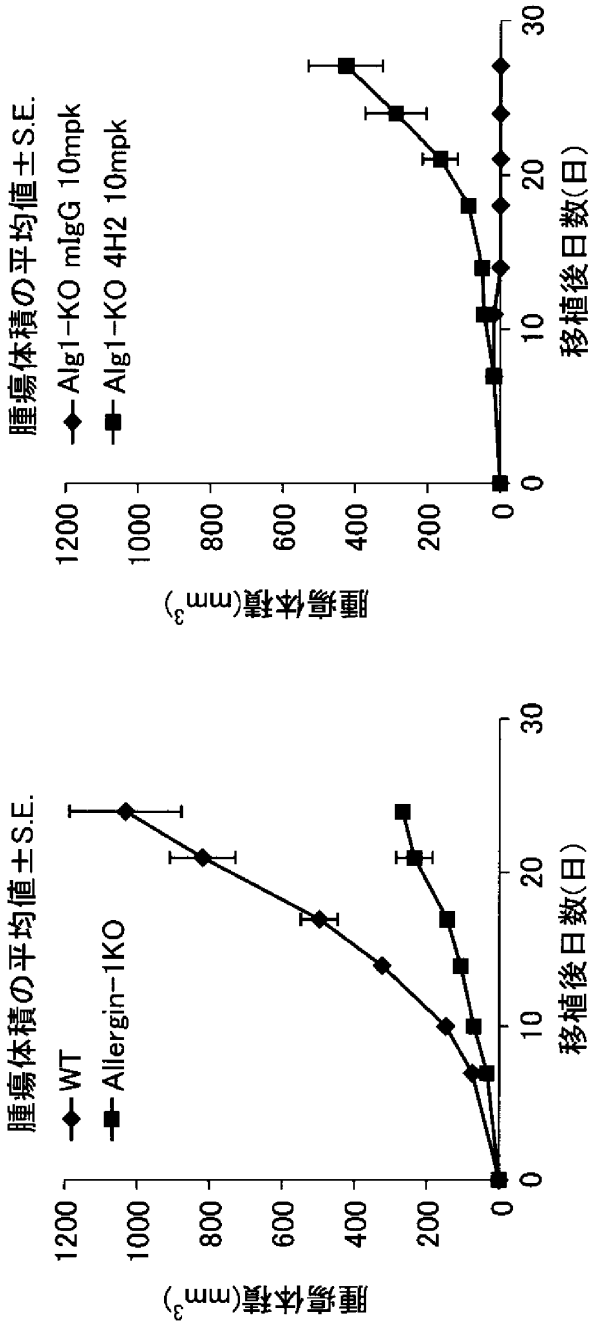
[図3]

図3


腫瘍体積の平均値±S.E.
WT 担がんのみ
Alg1-KO 担がんのみ
腫瘍体積(mm3)
4000
3000
2000
1000
0
0
10
20
30
移植後日数(日)
腫瘍体積の中央値
WT 担がんのみ
Alg1-KO 担がんのみ
腫瘍体積(mm3)
4000
3000
2000
1000
0
0
10
20
30
移植後日数(日)

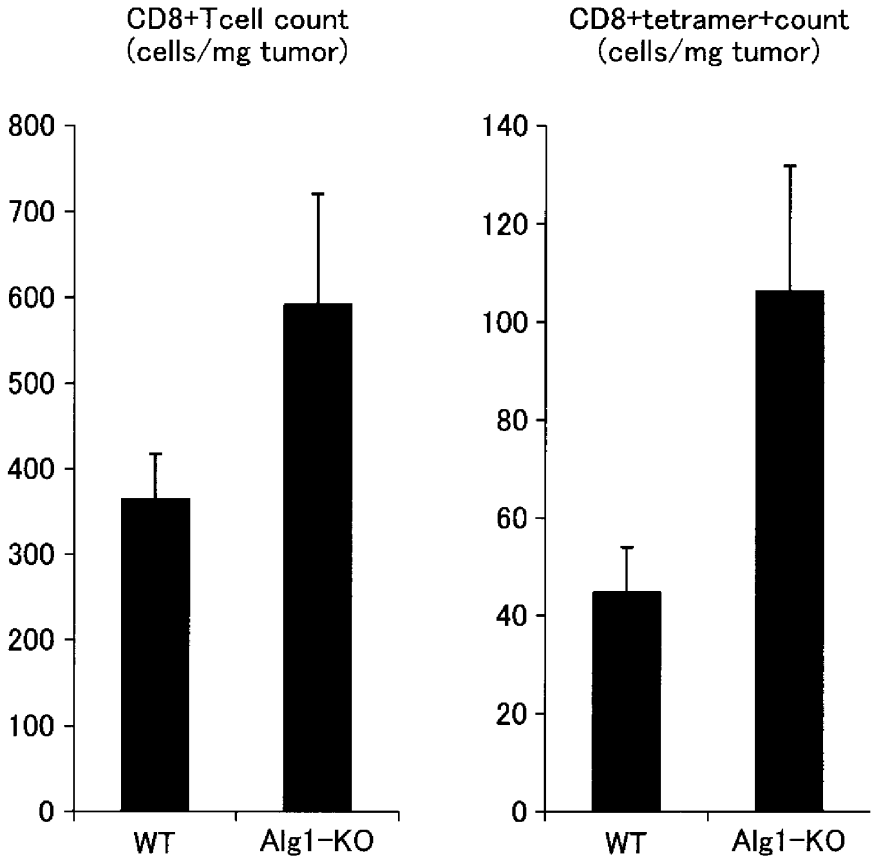
[図4]

図4


腫瘍体積の平均値±S.E.
Alg1−KO mIgG 10mpk
Alg1−KO 4H2 10mpk
腫瘍体積(mm3)
移植後日数(日)
0
200
400
600
800
1000
1200
10
20
30
腫瘍体積の平均値±S.E.
WT
Allergin−1KO
腫瘍体積(mm3)
移植後日数(日)

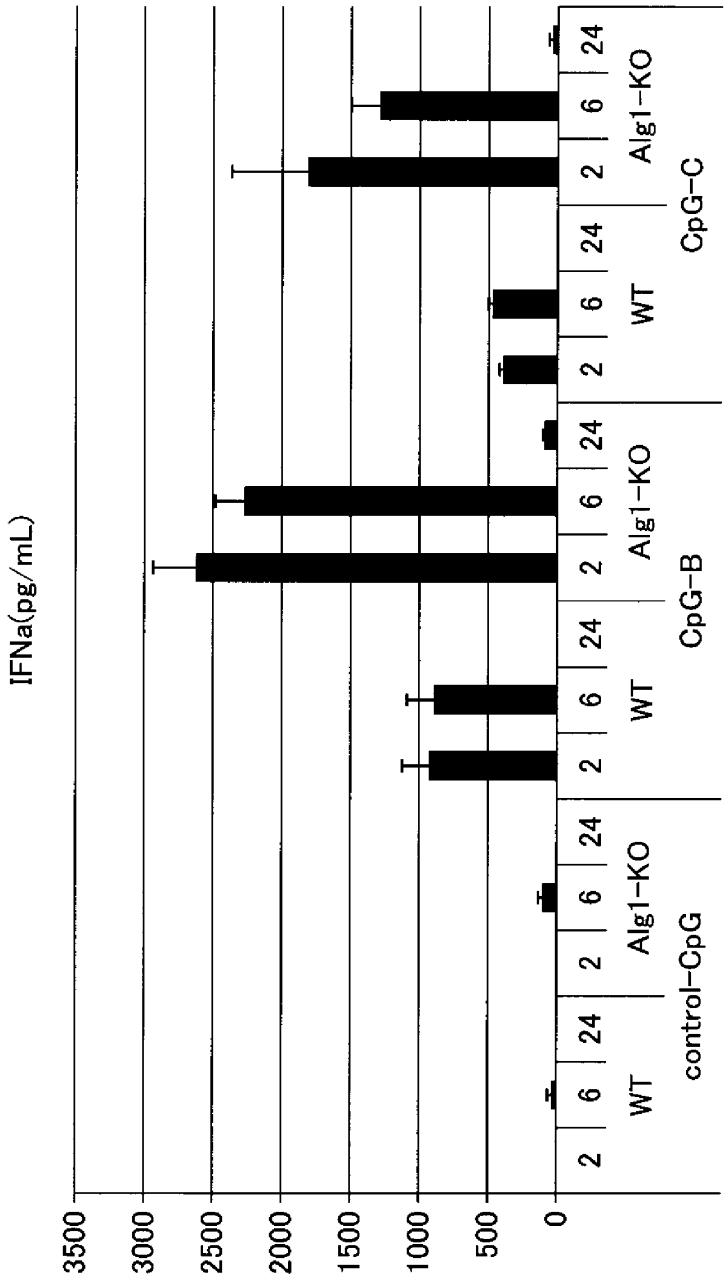
[図5]

図5


CD8+Tcell count
(cells/mg tumor)
800
700
600
500
400
300
200
100
0
WT
Alg1-KO
CD8+tetramer+count
(cells/mg tumor)
140
120
100
80
60
40
20
0
WT
Alg1-KO

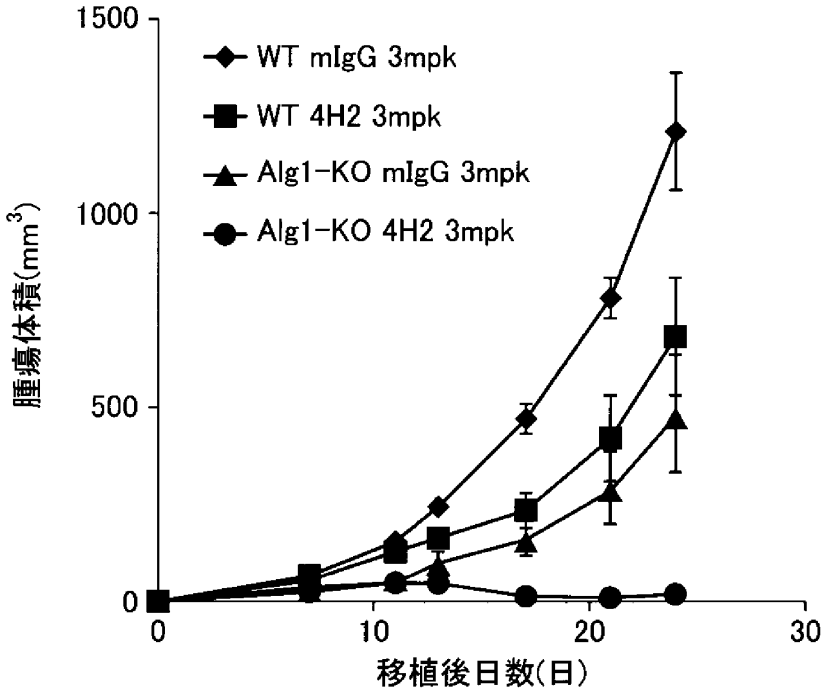
[図6]

図6


IFNa(pg/mL)
3500
3000
2500
2000
1500
1000
500
0
control-CpG
CpG-B
CpG-C
WT
Alg1-KO
2
6
24

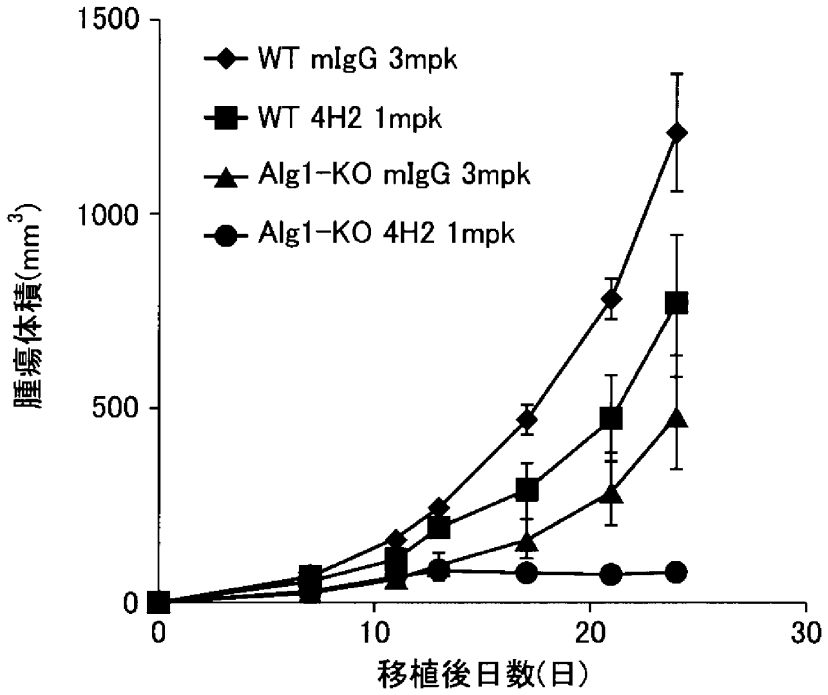
[図7]

図7


1500
1000
500
0
腫瘍体積(mm3)
WT mIgG 3mpk
WT 4H2 3mpk
Alg1-KO mIgG 3mpk
Alg1-KO 4H2 3mpk
0
10
20
30
移植後日数(日)

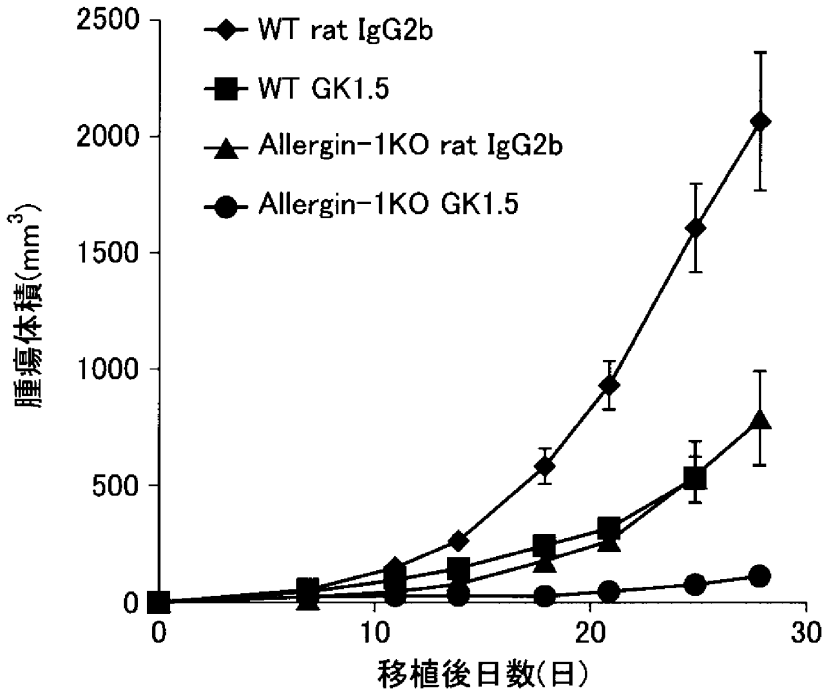
[図8]

図8


1500
1000
500
0
腫瘍体積(mm3)
WT mIgG 3mpk
WT 4H2 1mpk
Alg1-KO mIgG 3mpk
Alg1-KO 4H2 1mpk
0
10
20
30
移植後日数(日)

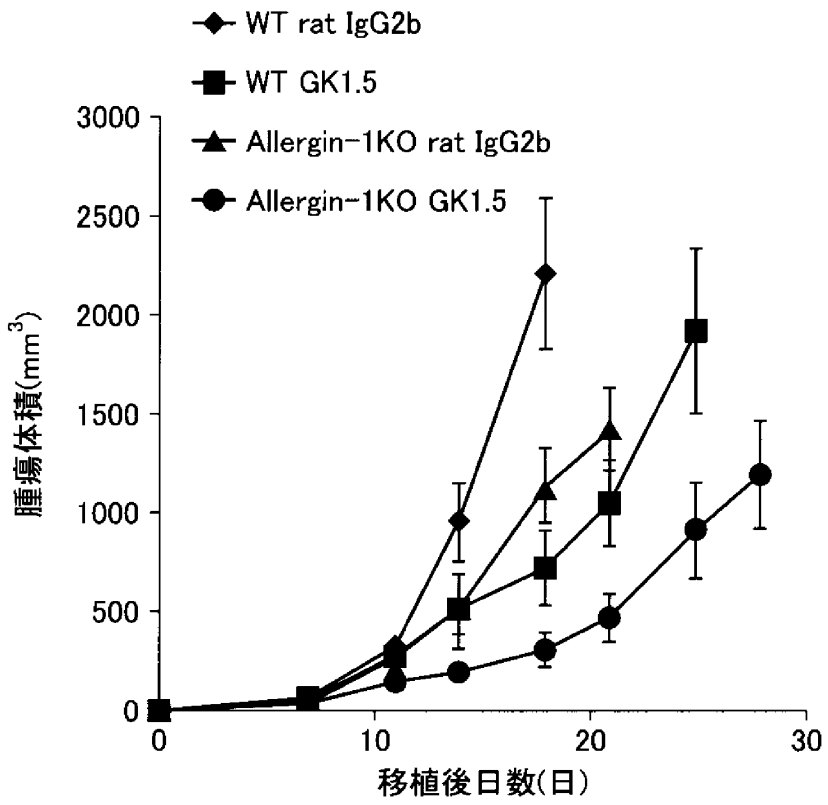
[図9]

図9


2500
2000
1500
1000
500
0
腫瘍体積(mm3)
0
10
20
30
移植後日数(日)
WT rat IgG2b
WT GK1.5
Allergin-1KO rat IgG2b
Allergin-1KO GK1.5

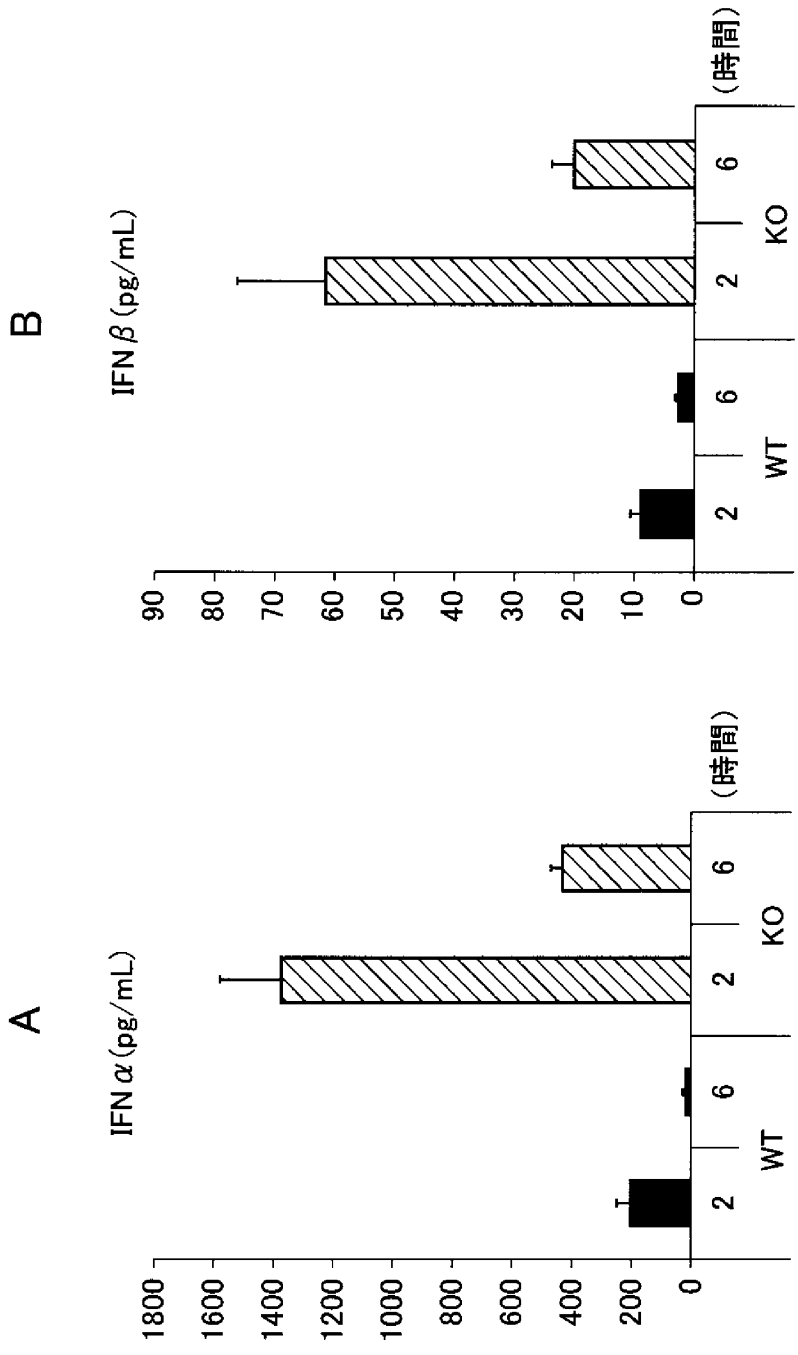
[図10]

図10


WT rat IgG2b
WT GK1.5
Allergin-1KO rat IgG2b
Allergin-1KO GK1.5
腫瘍体積(mm3)
3000
2500
2000
1500
1000
500
0
0
10
20
30
移植後日数(日)

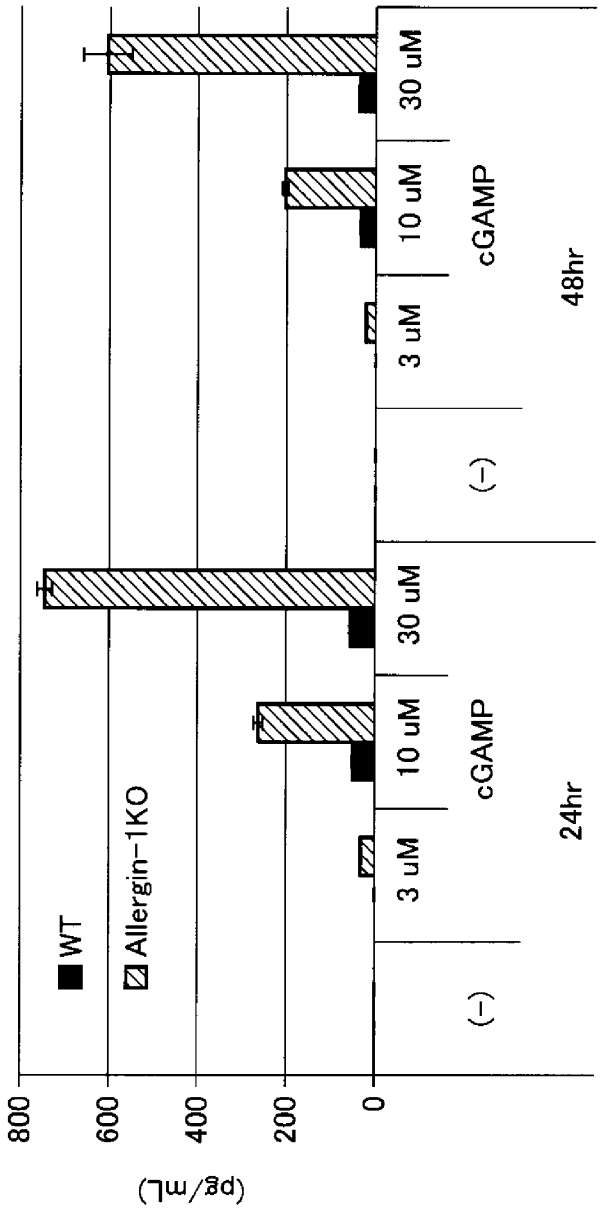
[図11]

図11


A
IFN α (pg/mL)
1800
1600
1400
1200
1000
800
600
400
200
0
WT
KO
2
6
2
6
(時間)
B
IFN β (pg/mL)
90
80
70
60
50
40
30
20
10
0
WT
KO
2
6
2
6
(時間)

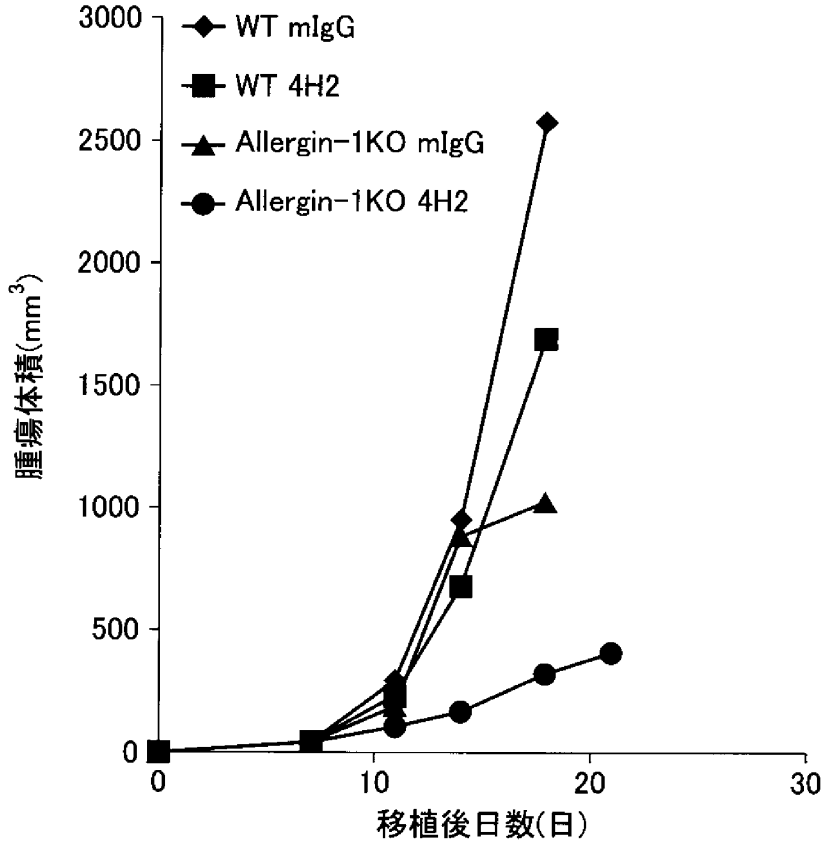
[図12]

図12


800
600
400
200
0
(pg/mL)
WT
Allergin-1KO
(-)
3 uM
10 uM
30 uM
cGAMP
24hr
(-)
3 uM
10 uM
30 uM
cGAMP
48hr

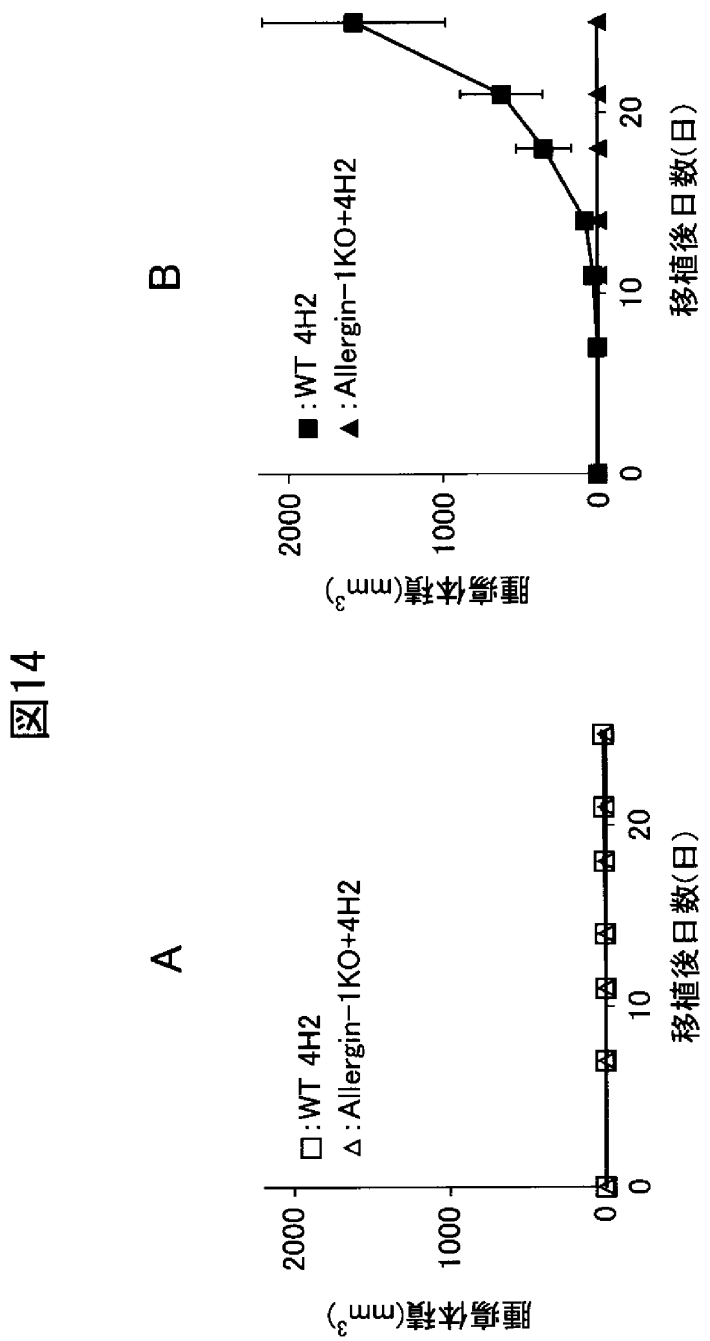
[図13]

図13


3000
2500
2000
1500
1000
500
0
0
10
20
30
WT mIgG
WT 4H2
Allergin-1KO mIgG
Allergin-1KO 4H2
腫瘍体積(mm3)
移植後日数(日)

[図14]

図14


A
□:WT 4H2
△:Allergin−1KO+4H2
腫瘍体積(mm³)
2000
1000
0
0
10
20
移植後日数(日)
B
■:WT 4H2
▲:Allergin−1KO+4H2
腫瘍体積(mm³)
2000
1000
0
0
10
20
移植後日数(日)