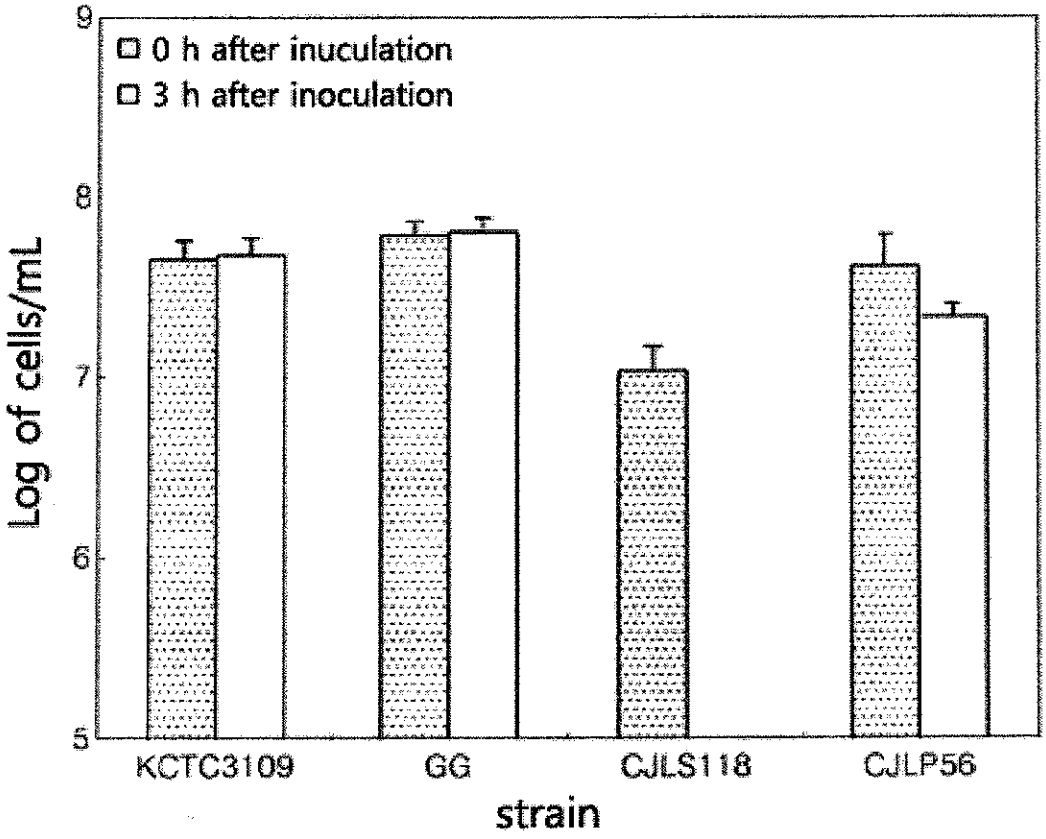
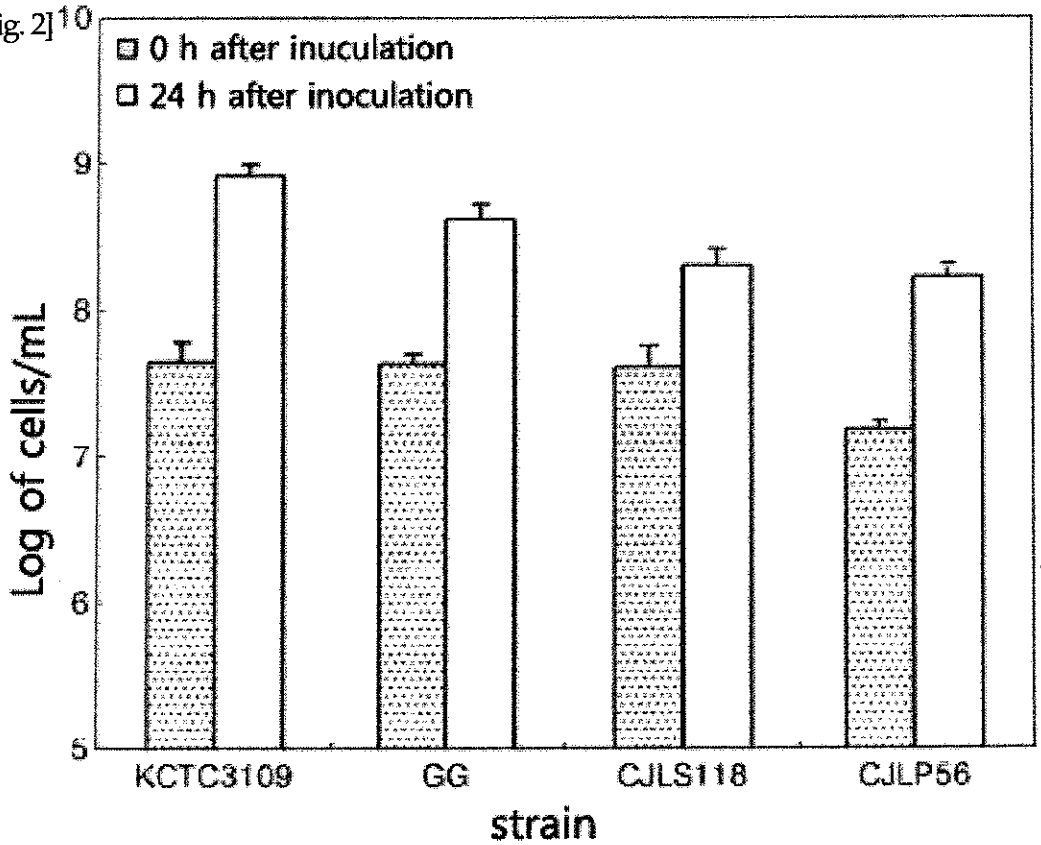
[DRAWING]

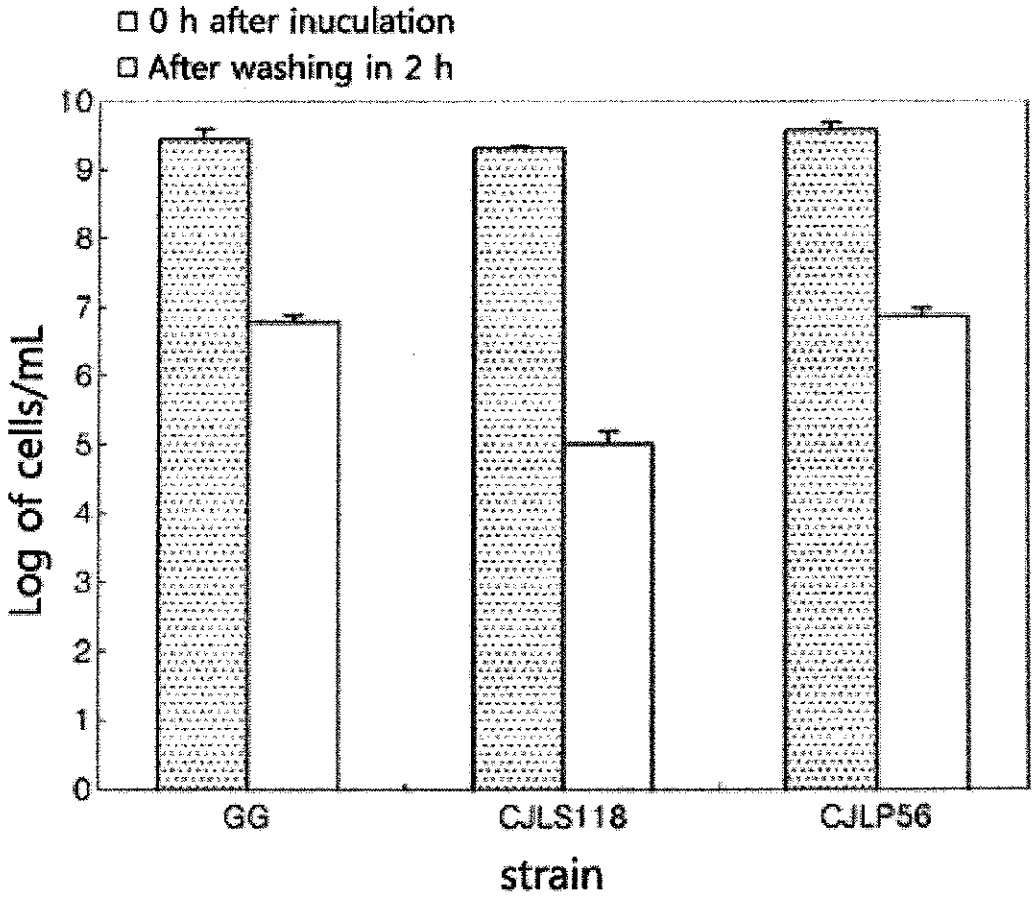
[Fig. 1]



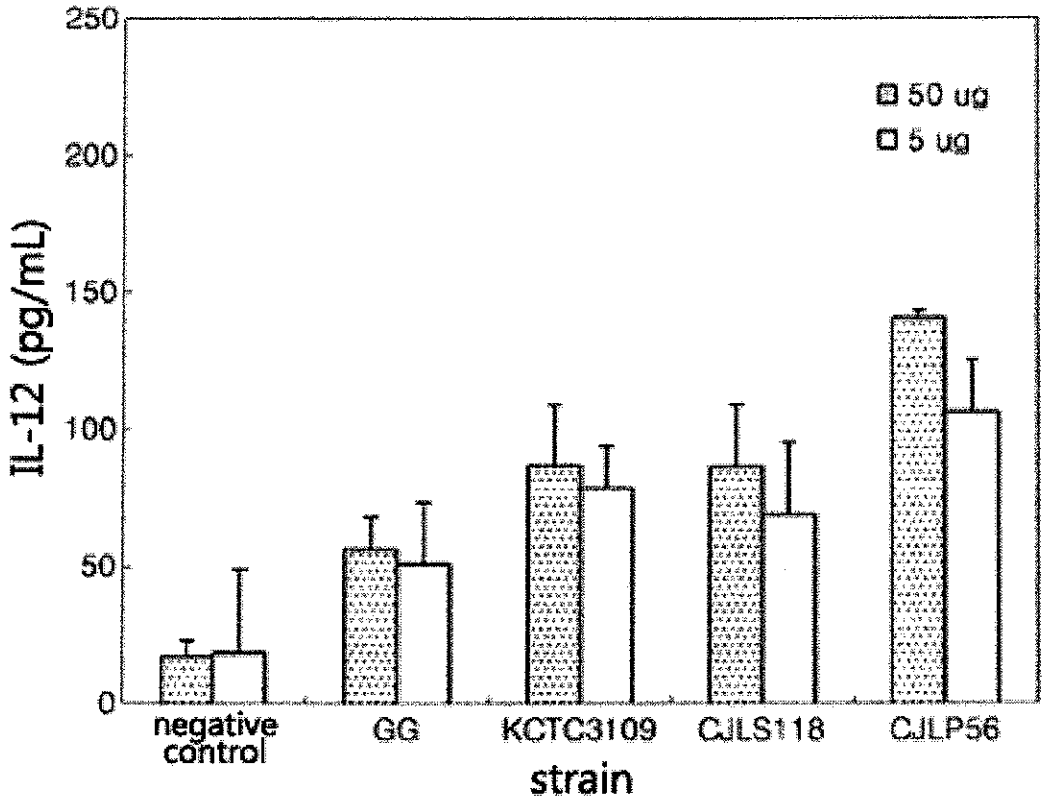
[Fig. 2]



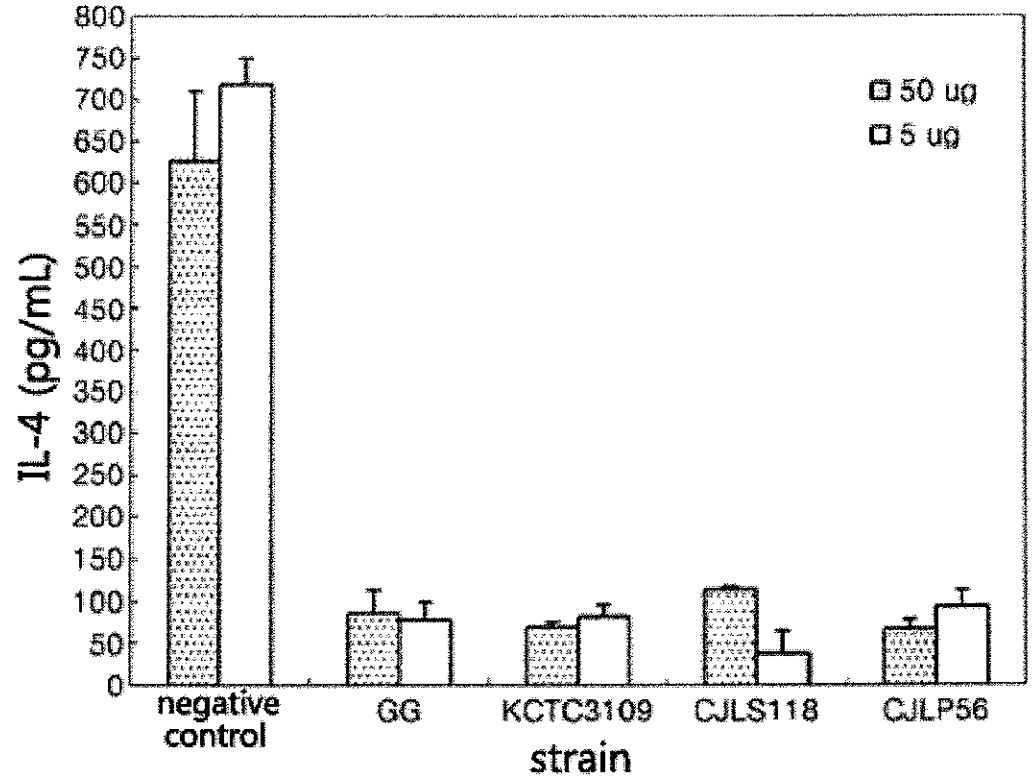
[Fig. 3]


0 h after inuculation
After washing in 2 h
Log of cells/mL
0
1
2
3
4
5
6
7
8
9
10
GG
CJLS118
CJLP56
strain

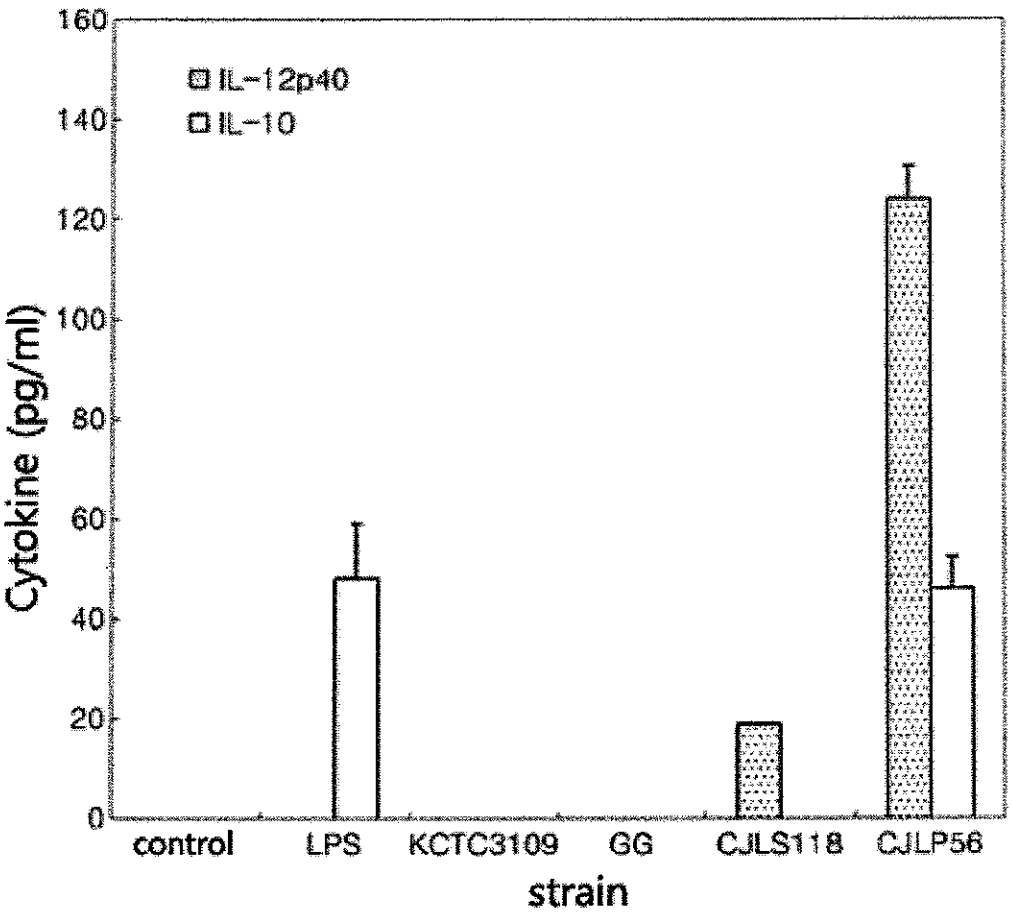
[Fig. 4]


50 ug
5 ug
IL-12 (pg/mL)
0
50
100
150
200
250
negative control
GG
KCTC3109
CJLS118
CJLP56
strain

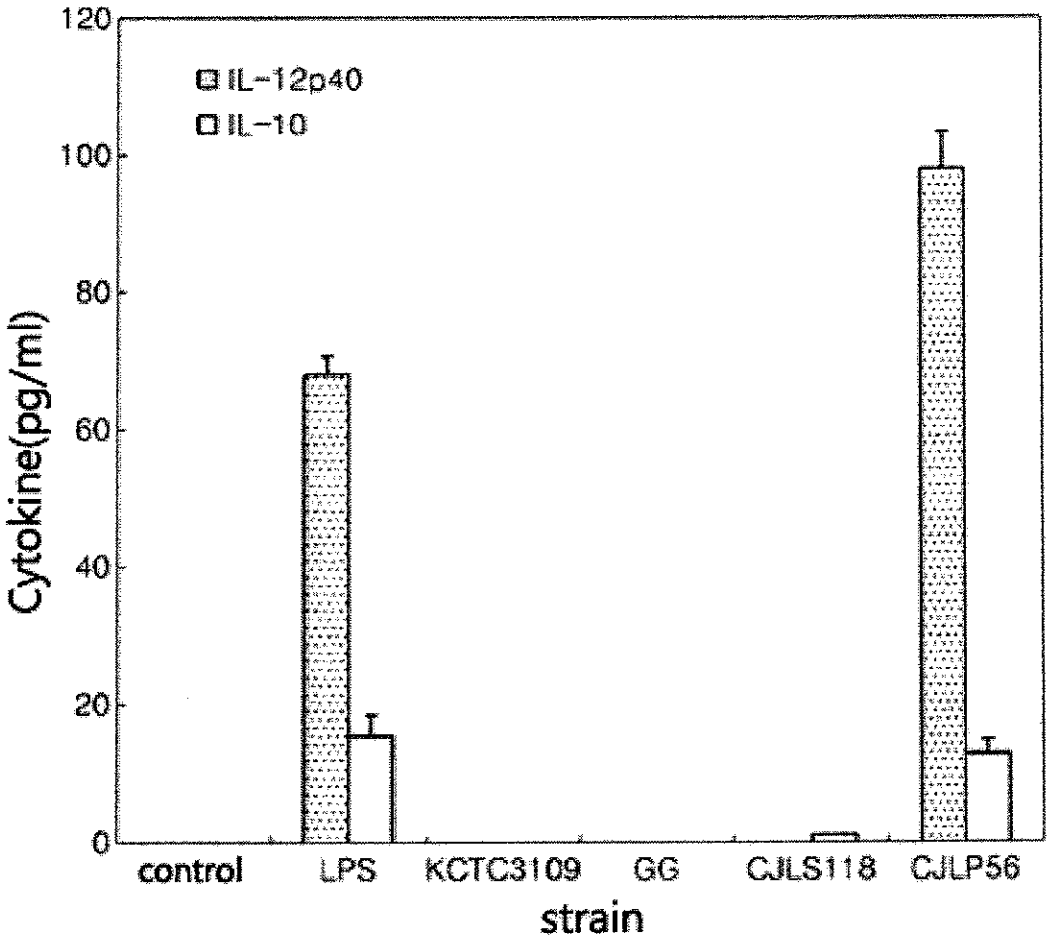
[Fig. 5]


800
750
700
650
600
550
500
450
400
350
300
250
200
150
100
50
0
IL-4 (pg/mL)
50 ug
5 ug
negative control
GG
KCTC3109
CJLS118
CJLP56
strain

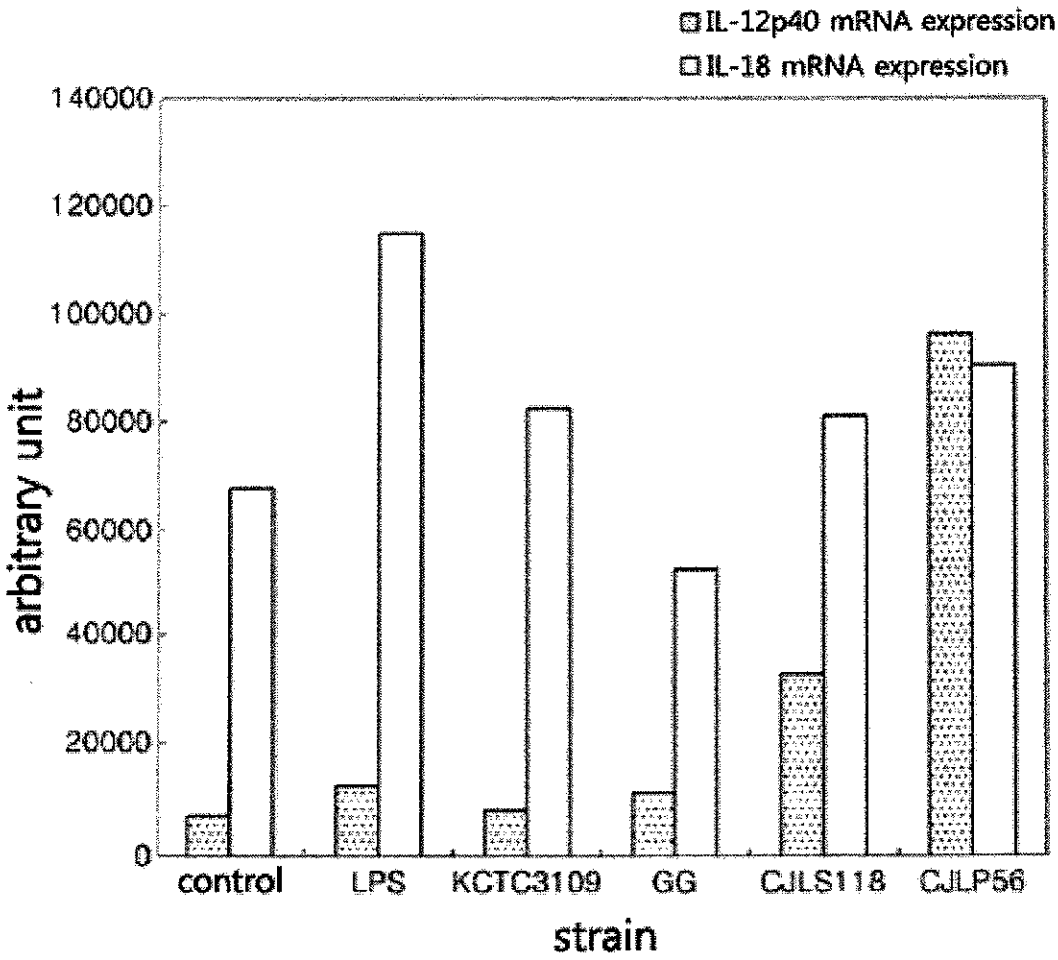
[Fig. 6]


160
140
120
100
80
60
40
20
0
Cytokine (pg/ml)
IL-12p40
IL-10
control
LPS
KCTC3109
GG
CJLS118
CJLP56
strain

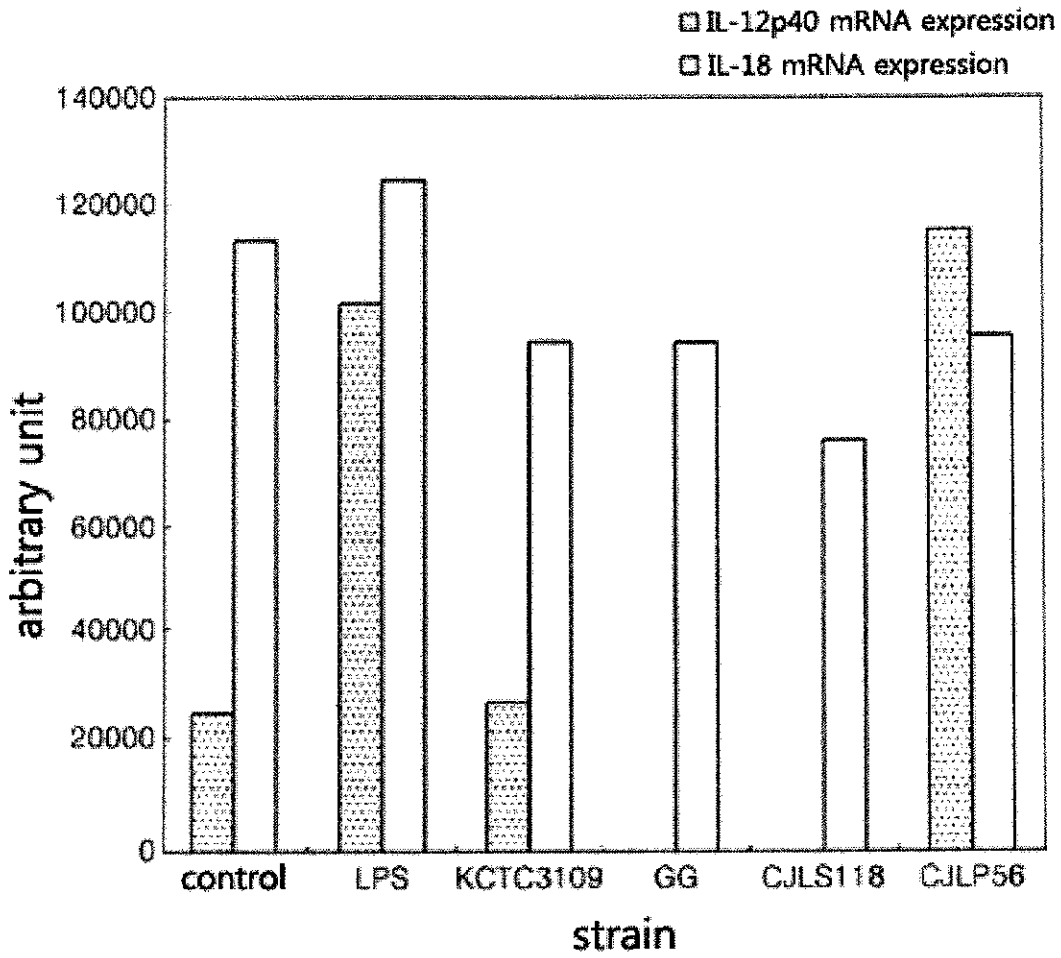
[Fig. 7]


IL-12p40
IL-10
Cytokine(pg/ml)
120
100
80
60
40
20
0
control
LPS
KCTC3109
GG
CJLS118
CJLP56
strain

[Fig. 8]


IL-12p40 mRNA expression
IL-18 mRNA expression
140000
120000
100000
80000
60000
40000
20000
0
arbitrary unit
control
LPS
KCTC3109
GG
CJLS118
CJLP56
strain

[Fig. 9]


IL-12p40 mRNA expression
IL-18 mRNA expression
140000
120000
100000
80000
60000
40000
20000
0
arbitrary unit
control
LPS
KCTC3109
GG
CJLS118
CJLP56
strain