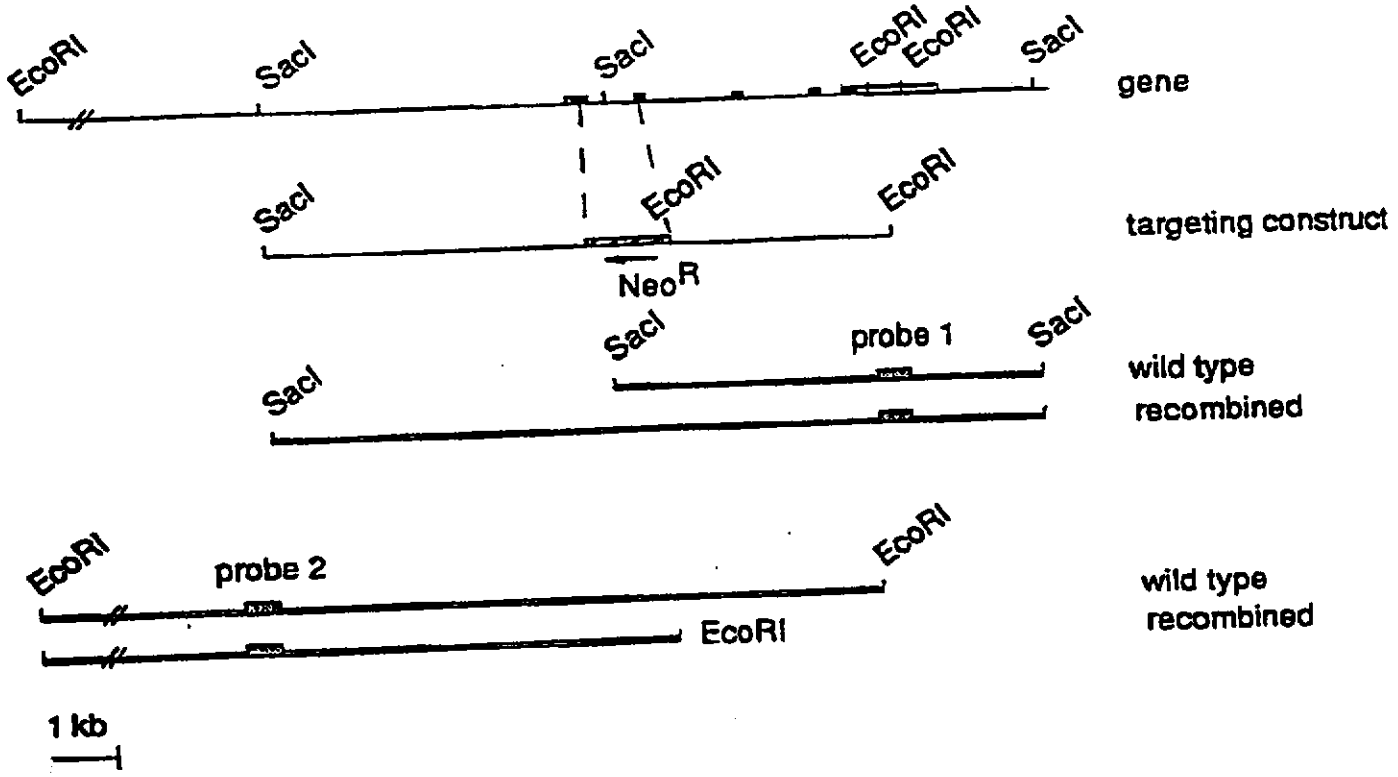

EcoRI
SacI
SacI
EcoRI
EcoRI
SacI
gene
SacI
EcoRI
EcoRI
targeting construct
NeoR
SacI
probe 1
SacI
wild type
recombined
SacI
EcoRI
probe 2
EcoRI
wild type
recombined
EcoRI
1 kb

FIGURE 1

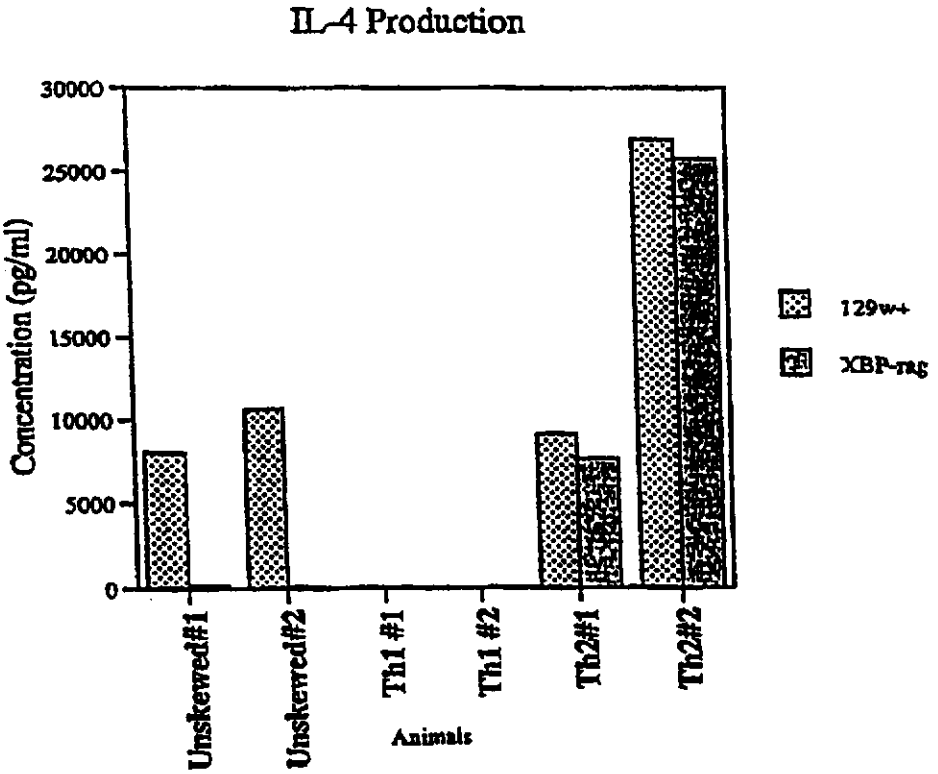

IL-4 Production
30000
25000
20000
15000
10000
5000
0
Concentration (pg/ml)
Unskewed#1
Unskewed#2
Th1 #1
Th1 #2
Th2#1
Th2#2
Animals
129w+
XBP-ng

FIGURE 2

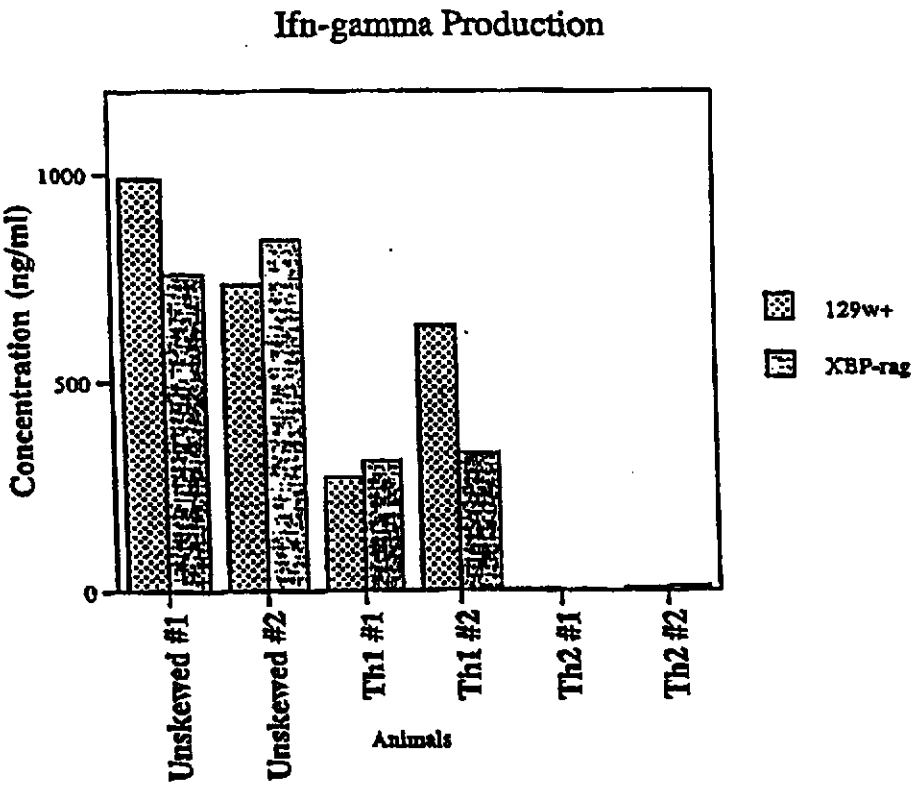

Ifn-gamma Production
Concentration (ng/ml)
1000
500
0
Unskewed #1
Unskewed #2
Th1 #1
Th1 #2
Th2 #1
Th2 #2
Animals
129w+
XBP-rag

FIGURE 3

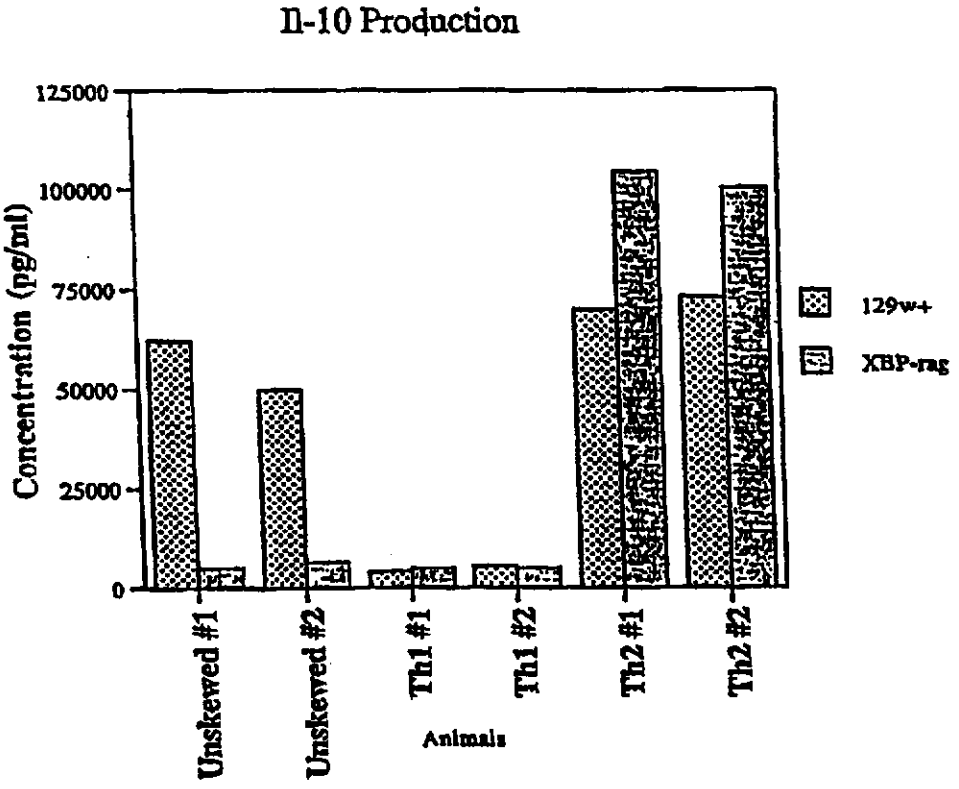

Il-10 Production
125000
100000
75000
50000
25000
0
Concentration (pg/ml)
Unskewed #1
Unskewed #2
Th1 #1
Th1 #2
Th2 #1
Th2 #2
Animals
129w+
XBP-rag

FIGURE 4

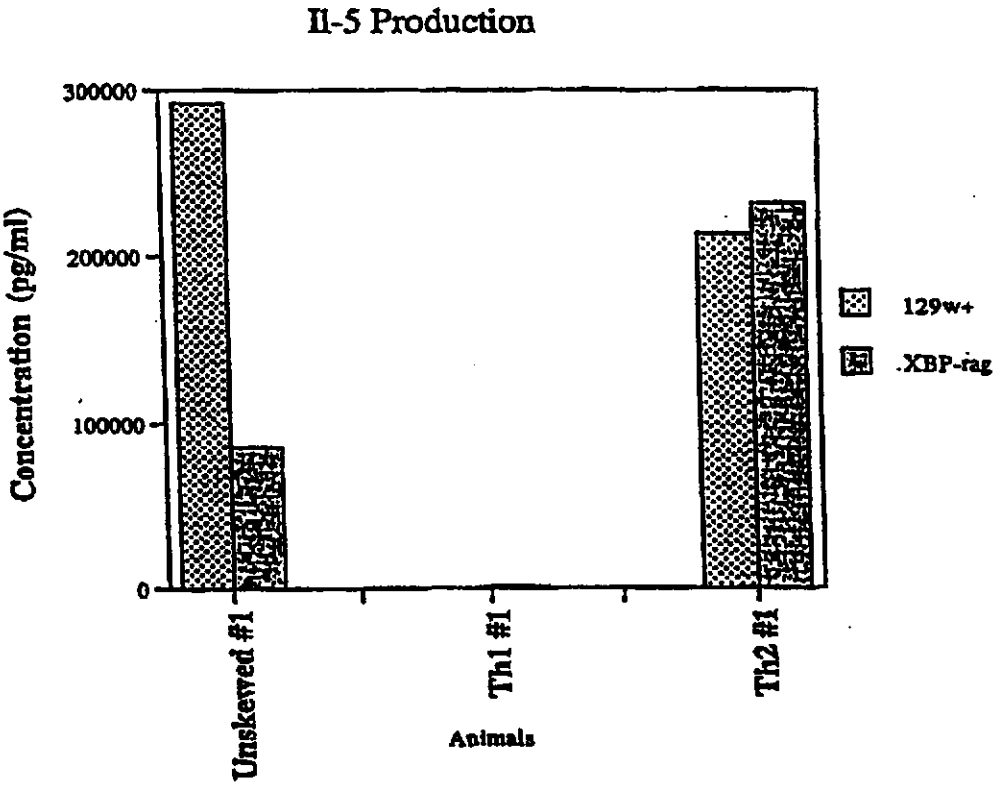

Il-5 Production
300000
200000
100000
0
Concentration (pg/ml)
129w+
.XBP-rag
Unskewed #1
Th1 #1
Th2 #1
Animals

FIGURE 5

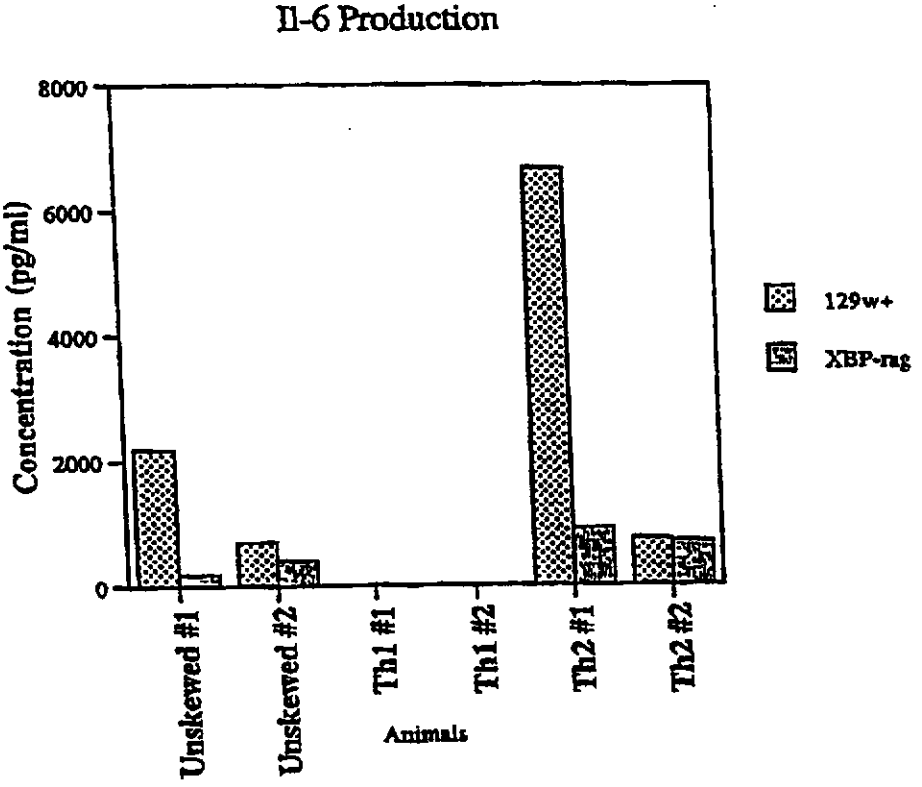

Il-6 Production
8000
6000
4000
2000
0
Concentration (pg/ml)
Unskewed #1
Unskewed #2
Th1 #1
Th1 #2
Th2 #1
Th2 #2
Animals
129w+
XBP-ng

FIGURE 6